

Rajasthan Pre Veterinary Test (RPVT)-2025

Date of Examination
3rd August, 2025 (Sunday)

INFORMATION BOOKLET

RAJASTHAN PRE-VETERINARY TEST-2025 (RPVT-2025)

for Admission to B.V.Sc. & A.H. Degree Course (Session 2025-26)
in Constituent & Private Veterinary Colleges Affiliated with Rajasthan University of
Veterinary & Animal Sciences, Bikaner and Rajasthan University of Veterinary &
Animal Sciences, (Jobner) Jaipur

- Only Candidates of Rajasthan State Domicile are Eligible for appearing in RPVT-2025
- NRI candidates and NRI- sponsored seats are open for candidates of other States as well

Candidates are advised to carefully read the University Notification regarding RPVT-2025 Examination, User's Manual and Information Booklet RPVT-2025 before filling Online Application Form of RPVT-2025



। पशुधनं नित्यं सर्वलोकोपकारकम् ।

RAJASTHAN UNIVERSITY OF VETERINARY AND ANIMAL SCIENCES
BIKANER-334001 (RAJASTHAN)

Website: www.rajuvas.org,

E-mail: rpvtrajuvas@gmail.com

Helpline No.- 1800-180-6224

Index

S. No.	Particulars	Page No.
1.	Important dates and detailed schedule	1-2
2.	General rules for RPVT-2025 & Admission to BVSc & AH degree course	3-5
3.	Eligibility Criteria for appear in RPVT-2025	5-6
4.	Filling up and final submission of RPVT-2025 online application form	6-10
5.	General Instruction to be followed in the examination hall	10-15
6.	Pattern/Relevant details of RPVT-2025 examination	15-18
7.	Post Examination activities and declaration of result	18-19
8.	Admission and Counselling procedure for BVSc & AH degree course	20-22
9.	NRI and NRI sponsored seats and their guidelines	23-24
10.	Distribution of seats in constituent and affiliated private veterinary colleges with RAJUVAS, Bikaner & RAJUVAS (Jobner) Jaipur	25
11.	Process of filling the seats in constituent and affiliated private veterinary colleges with RAJUVAS, Bikaner & RAJUVAS (Jobner) Jaipur	26
12.	Percentage criteria for declaration of Result/Merit of RPVT-2025	26
13.	Provisional seat matrix for admission in BVSc & AH degree course	27
14.	Reservations Policy	28-31
15.	Fee structure of Regular and Payment seats	32-34
16.	Original documents required at the time of counselling for verification	35-36
17.	Rules for Breaking Tie	36-37
18.	Medical examination, Closure of admissions, Legal Jurisdiction, Changes in rules, Preservation of RPVT-2025 Record	37-38
19.	Modal Syllabus for RPVT-2025	39-53

Rajasthan Pre Veterinary Test (RPVT) – 2025**IMPORTANT DATES****Date of Examination- 3rd August, 2025 (SUNDAY)**

(Any change in date of examination or counselling due to any unavoidable circumstances will be notified on University website www.rajuvas.org only)

DETAILED SCHEDULE		
Submission of completed online application form including uploading of required documents, photograph and signature along with successful transaction of application fee	• Without late fee	21.04.2025 (Monday) to 30.05.2025 (Friday) 00.00 midnight
	• With late fee	31.05.2025 (Saturday) to 06.06.2025 (Friday) 00.00 midnight
Genuine applicable corrections in online submitted Application Form, if required, will be allowed through request on RPVT E-mail (rpvttrajvuas@gmail.com) only		07.06.2025 (Saturday) to 08.06.2025 (Sunday) upto 5.00 PM
Uploading of Admit Cards on University website Note: The candidates are advised to download their Admit card for RPVT-2025 by login in the University website		21.07.2025 (Monday)
Examination Centre Cities		(1) Bikaner (2) Jaipur (3) Udaipur (4) Jodhpur
Date and Time of RPVT-2025 Examination		03.08.2025 (Sunday) from 10.00 AM to 1.00 PM
Filing of grievance on any question(s) after completion of RPVT-2025 examination through online by student login ID & password		04.08.2025 (Monday) Upto 5.00 PM
Display of Answer Key on University website		08.08.2025 (Friday)
Filing of grievances, if any, on Answer key through online by student login ID & password		09.08.2025 (Saturday) upto 5.00 PM
Display of OMR Sheet of candidate on website		18.08.2025 (Monday)
Declaration of Result on University website		25.08.2025 (Monday)

APPLICATION & EXAMINATION FEE FOR CANDIDATES OF ALL CATEGORIES

Without late fee- Rs. 3,000/- (Rupees Three thousand only)
With late fee- Rs. 6,000/- (Rupees Six thousand only)

Mode of payment of application fee through Net Banking/Debit/Credit Card only

Note:

1. Candidates are advised that application fee should not be paid from account of Cyber Cafe/E-mitra Kiosk person or any other unknown individual through Net banking/Debit/Credit card as genuine refund, if any, from RAJUVAS will be credited in the same account from which it has been paid to RAJUVAS.
2. There is no need to send the hardcopy of application form to RAJUVAS, Bikaner. Print copy of the application form will be required at the time of counselling along with all essential original documents. Therefore, candidates should keep a hard-copy of their on-line submitted application form with them.
3. Once the information furnished in online application like name of candidate, sex, contact/address details, category, PwD status, educational qualifications, date of birth, uploaded photo & signature etc. by the candidates up to the end of correction period will be treated as correct and final. RPVT-2025 result will be based on the particulars given in the online submitted RPVT-2025 application by the candidates. Any request for change(s) in information furnished after the closure of correction period will not be entertained under any circumstances. Deliberately furnishing incorrect information/particulars in RPVT-2025 Application form may also lead to putting a candidate to a category to which he/she does not belong. Such a situation may disqualify the candidate for admission. Any candidate found to mislead by providing inaccurate information will be debarred from taking examination/admission. Therefore, for all such consequences arising due to wrongly filled information/ particulars in the online submitted RPVT-2025 application form, candidates himself/herself will be responsible.
4. Candidates can apply for **RPVT- 2025 through the “Online” mode only** on the website www.rajuvas.org
5. The Application Form in any other mode will not be accepted.
6. Only one application is to be submitted by a candidate.
7. Candidates must strictly follow the instructions given in the Information Bulletin and on the University website. Candidates not complying with the instructions shall be summarily disqualified.
8. Candidates must ensure that the e-mail address and Mobile Number provided in the Online Application Form are their own and/or Parents/Guardians only as all information/ communication will be sent by university through SMS on the registered Mobile Number only. RAJUVAS will NOT be responsible for any incorrect credentials.

GENERAL RULES FOR RPVT-2025 & ADMISSION TO B.V.Sc. & A.H. DEGREE COURSE

Online applications will be invited by Rajasthan University of Veterinary and Animal Sciences, (RAJUVAS), Bikaner **FROM DESIROUS ADMISSION ELIGIBLE CANDIDATES OF RAJASTHAN DOMICILE** for appearing in Rajasthan Pre-Veterinary Test-2025 for admission to B.V.Sc. & A.H. Degree Course (Session 2025-26) in the constituent and permitted private veterinary colleges affiliated with RAJUVAS, Bikaner and RAJUVAS (Jobner) Jaipur as per prevailing rules and reservation policy of State Govt. of Rajasthan, as well as rules of Veterinary Council of India, New Delhi and the University as applicable on these admissions. For this, University Notification will be published in two leading State level Hindi daily Newspapers and will also be available on the University website.

DURATION OF THE COURSE:

The duration of BVSc & AH degree course is five and half years which includes compulsory Internship of one year period.

IMPORTANT INSTRUCTIONS

The candidates should note carefully that:

- 1) RAJASTHAN PRE VETERINARY TEST (RPVT) 2025 will be conducted for desirous admission eligible candidates of Rajasthan domicile only as per provisions laid down in "Minimum Standards of Veterinary Education- Degree course (B.V.Sc. & A.H.) Regulations, 2016" of Veterinary Council of India, New Delhi.
- 2) Before applying and filling the online application form to appear in RPVT-2025, the candidates must ensure about their eligibility for the same (see eligibility criteria). They must also ensure that the information furnished by him/her including photograph and signature uploaded in the format of application is correct in all respects. He/she will be liable to any legal action and/or punishment, as may be deemed fit by the Admission Board, in case it is found that he/she has deliberately furnished incorrect information or suppressed any information or uploaded the forged photograph in an effort of impersonation.
- 3) Merely applying for, appearing and qualifying in RPVT-2025 does not confer any right to the candidate for admission in B.V.Sc. & A.H. Degree Course. The eligibility for admission shall be further scrutinized at subsequent stages of admission. Thus, permission to candidates to appear in RPVT-2025 will be solely provisional subject to he/she being found otherwise eligible for admission in B.V.Sc. & A.H. degree course. The selection and admission to B.V.Sc. & A.H. Degree Course in constituent and permitted private veterinary colleges affiliated with RAJUVAS, Bikaner is thus subject to fulfilling the laid down admission eligibility criteria, possession of essential educational qualifications, standing in merit list of RPVT-2025 along with medical fitness and such other criteria including prevailing reservation policy of Rajasthan Government as well as University and VCI rules etc. as applicable on these admissions.



- 4) Candidates who furnish all type of false and fabricated information in online RPVT-2025 application form will not be considered for admission allotments. Such candidates will be further debarred from future admission in any of the constituent or affiliated private veterinary colleges of RAJUVAS, Bikaner.
- 5) All the candidates are advised to keep visiting the website www.rajukas.org regularly for all the information regarding RPVT examination, result, counselling registration, seat allotment and complete process for admission etc.
- 6) **Generation of confirmation page of online application form only confirms final submission of application form. If confirmation page has not been generated, this means that application form has not been submitted successfully with successful transaction of application fee. In such cases the candidates will not be eligible to appearing RPVT-2025 Examination.**
- 7) **University will provide user ID and password to the applicant who has successfully made the required online payment through the portal. University is not responsible for any failure of payment/or double payment, whatever is the cause, No grievance in this regard will be entertained by the university.**
- 8) RPVT-2025 online application fee once paid is neither refundable nor transferable nor adjustable for future RPVT admission/ related procedure in part or full. Therefore, claims for refund of application fee will not be entertained in any circumstances and for reasons whatsoever may be.
- 9) RPVT-2025 application once submitted cannot be withdrawn. Therefore, candidates are advised to submit very carefully only one online application form with correct particulars. If a candidate submits more than one application form his/her candidature for RPVT-2025 will be cancelled. **The RPVT-2025 application form other than by online mode will not be accepted in any case.**
- 10) Submission of RPVT-2025 online application and remittance of fee would close as per the schedule given and no request for extension of time etc. shall be entertained.
- 11) The RAJUVAS, Bikaner will not be responsible for double transactions/failed transaction at the time of filling of online application form by the candidate. One of such double / failed transaction amounts may automatically be refunded by concerned agency in due course of time in the concerned Bank account from which payment has been made. Therefore, candidates are advised to contact their concerned Bank for this. In case of prolonged delay (about more than two months) in this refund process, such candidates are advised to send E-mail request to rpvt@rajukas.org along with all proofs, transaction id and scanned copy of bank passbook indicating concerned transactions to the University. All such type of applications will be processed for transaction status and will be decided accordingly after completion of RPVT-2025 examination.
- 12) Applications of the candidates found incomplete for any reason/requirement (including indistinct photograph/doubtful photograph/old photograph/black & white photograph/photograph taken before 01.01.2025/damaged photograph/forged photograph/applications not in accordance with instructions/unsigned applications/unsubmitted applications/applications without successful transaction fee amount etc.) or who do not fulfill the eligibility criteria

and other requirements for examination and admission will be summarily rejected. The application fee deposited will not be refunded in such cases.

- 13) All the candidates are required to appear in entrance examination at their own expenses.
- 14) For those candidates who remain unable to appear or do not appear in RPVT-2025 examination on the scheduled date and time for reason whatsoever may be, re-test shall not be held for them by the RAJUVAS, Bikaner under any circumstances.

ELIGIBILITY CRITERIA TO APPEAR IN RPVT-2025

- 1) **AGE LIMIT:** The candidate must have attained the Minimum age of **17 years** on or before 31st December, 2025.

Accordingly, the eligibility condition regarding minimum age is as under:

For candidates of General (UR)/General-EWS/SC/ST/STA/OBC-NCL/MBC-NCL category	Candidate must born on or before 31.12.2008
--	--

Note: The date of birth as recorded in the secondary school examination marks sheet/ certificate will be taken as authentic for this purpose.

- 2) **ESSENTIAL EDUCATIONAL QUALIFICATIONS FOR APPEARING IN RPVT-2025:**

To be eligible for appearing in RPVT-2025, the candidate must have passed the qualifying Senior Secondary/Indian School Certificate Examination/ Intermediate Examination of 10+2 scheme from a Statutory Indian Board/University (established under act by the State Governments or Central Government) with Physics, Chemistry, Biology/Bio-technology (which shall also include a practical examination in each of these subjects) and any other elective subjects along with English as one of the core compulsory subject. Provided further, the candidate must have passed the aforesaid subjects individually and also separately in Theory and Practical examinations in the subjects of Physics, Chemistry and Biology/Bio-technology.

Further, to be eligible for appearing in the RPVT-2025 examination, the Unreserved & EWS category candidates must have obtained a minimum of 50% marks taken together in the subjects of Physics, Chemistry, Biology/Bio-technology and English at Senior Secondary (10+2) or equivalent recognized qualifying examination. For the candidates of SC, ST, OBC (NCL) & MBC (NCL) categories, this marks requirement will be 47.5% in the aforesaid subjects in the qualifying examination.

Candidates appearing/appeared in the qualifying examination i.e. Senior Secondary or its equivalent recognized examination in the year 2025 and whose result has not been declared by the last date of submission of application form may also apply for and appear in RPVT-2025 but they shall not be eligible for admission to B.V.Sc. & A.H. course if they, at the time of

counselling, do not produce documentary proof of passing qualifying examination with the required percentage of marks as applicable to them.

3) RAJASTHAN DOMICILE CRITERIA:

The Indian Nationals of Rajasthan Domicile (केवल राजस्थान राज्य के मूल निवासी अभ्यर्थी) **only will be eligible to apply and appear in the RPVT-2025 subject to fulfilling the other laid down eligibility criteria also. All the candidates who are applying for RPVT-2025 must compulsorily possess the digitally issued Rajasthan Domicile Certificate.**

Thus, the candidate domicile of State(s) other than Rajasthan, if appears/qualifies in RPVT-2025 inadvertently will not be considered for admission on any type of seat in the RAJUVAS, Bikaner and RAJUVAS (Jobner), Jaipur constituent or affiliated private veterinary colleges.

FILLING UP AND FINAL SUBMISSION OF RPVT-2025 ONLINE APPLICATION FORM

The candidate should read the Instructions, User manual and information booklet of RPVT-2025 carefully before filling online application form. First of all, click on the link RPVT-2025 Application Form, a login page will be opened then click on "New Registration". By this, the Registration for RPVT-2025 will be opened and the candidate can fill up the online RPVT-2025 Application form as per instructions given in User's Manual. Candidate should note down his/her User-ID/Registration Number for future references also.

Steps to upload live photograph, scanned photograph & signature in online RPVT-2025 application form:**1. Step to upload Live photograph:**

- Candidate needs to click on upload photo/signature section.
- To upload live photo, candidate need to click on capture button.
- Now, candidate needs to crop the live image to size of passport photo.
- After taking live photo, candidate needs to click on upload photo button.

2. Step to upload scanned photograph:

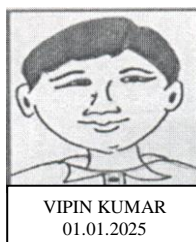
- At the time of examination, recent photo of applicant should match with the photo uploaded in the online application form, otherwise the application of candidate can be disqualified.
- If you wear glasses, then you can wear it at the time of photo click but flash should not be present on the glasses.
- Spectacles/eye glasses are allowed if used regularly.
- Photo should be in JPEG format with a size of 3.5 cm & 4.5 cm.
- JPEG photo should be of a minimum pixel of 240x320 sizes and a maximum of 480x640 sizes (0.3 megapixels).
- The size of JPEG file must be between 50 KB to 100 KB.
- **The photograph taken from mobile phone will not be accepted.**

3. Steps to upload signature:

- The applicant should first make his/her signature within a box of size **7 cm width and 2 cm height** on a white paper using a Black ball pen only.
- Scan the signature after signing in the rectangular box and upload the scanned image of signature in the rectangular box.
- At the time of examination signature of applicant should match with the signature uploaded on the admit card, otherwise applicant may be disqualified.
- Only JPEG format will be accepted.
- The minimum pixel for JPEG should be 280x80 and maximum pixel should be 560x160.
- The size of file must be in between 20 KB to 50 KB.
- **The photograph of signature taken from mobile phone will not be accepted.**
- The candidates are required to upload their full signature in running hand writing in the appropriate box given in the online Application Form. Writing full name in the Box in Capital letters would not be accepted as signature and the Application Form would liable to be rejected.

PHOTOGRAPH AND SIGNATURE ON ONLINE APPLICATION FORM:

FOR SECURITY AND IMPERSONATION CHECK, THE CANDIDATES APPLYING FOR RPVT-2025 ARE REQUIRED TO FOLLOW THE FOLLOWING INSTRUCTIONS CAREFULLY FAILING WHICH THEIR APPLICATION WILL BE REJECTED SUMMARILY



- The coloured passport size photographs with white background indicating clearly the name of candidate along with the date of taking the photograph to be used for uploading in online RPVT-2025 application and in application for Counselling Registration. The photograph must be taken on or after 01.01.2025. Old photograph snapped before 01.01.2025 or without date of photo will not be accepted. Application with old photograph or without date of photo will be rejected. The face in the photo of the applicant should take up at least 50 per cent of the photo. The candidates should note it carefully.
- Applicant should not wear sunglasses and cap in the photo. Spectacles are allowed if being used regularly. Black & White photographs, Polaroid, indistinct, doubtful photographs, old photograph taken before 01.01.2025, damaged and forged photograph are not acceptable Applications not complying with these instructions are liable to be rejected. Candidates may please note that if it is found that photograph affixed is fabricated i.e. de-

shaped or seems to be manipulated or digitally edited or photograph of another person uploaded in the online submitted RPVT-2025 application form for the purpose of impersonation, the application form of the candidate will be rejected and the same would be considered as using unfair means practices and candidate would accordingly be dealt with as per the rules of unfair means.

- If name and date are written on the photograph after taking it, the Application Form will be rejected. Photograph without name and date of taking photograph will not be accepted and such application will be rejected.
- Keep four identical passport size and two postcard size (4x6 inches) photographs as uploaded in RPVT-2025 online application form in reserve for subsequent uses at the time of entrance examination/ counselling.

ADMIT CARD:

Facility of downloading the admit card of RPVT-2025 will be provided on the University website along with a format for affixing of Postcard size photograph of 4x6 inches. **The candidate will have to download Admit card from his/her Login account.** The candidates must carefully examine the admit card downloaded by him/her for all the entries made therein. **If, any error is detected in downloaded admit card the same must be reported immediately for correction to Convener RPVT-2025 through E-mail at rpvtrajuvas@gmail.com.** The candidates should note that the admit card will not be sent to the candidate by post.

Examination Centres:

- ❖ The RPVT-2025 shall be held at the allotted examination centres located at Bikaner, Jaipur, Udaipur and Jodhpur only. Efforts would be made to allot the examination centre at the place (Bikaner/Jaipur/Udaipur/Jodhpur) of choice of candidates, filled by them in RPVT-2025 online application form.
- ❖ In case, the number of candidates opting for a city is less than a certain minimum, the university reserves the right to change/merge one or more cities.
- ❖ In case, the number of candidates opting for a city as centre is less than a certain minimum, candidates may be allotted Centre in another city irrespective of the city opted by the candidates for appearing in the examination.
- ❖ **Though every effort will be made to allot a Centre in one of the cities selected by the candidate, the university reserves the right to allot a centre in a city other than the candidate's choice** and as per situation, they may be allotted examination centre anywhere at Bikaner/Jaipur/Udaipur/Jodhpur.
- ❖ **The examination centre once allotted shall not be changed in any case.**

REPORTING OF CANDIDATE AT EXAMINATION CENTRE AND SUBSEQUENT TIME SCHEDULE OF EXAMINATION :

The RPVT-2025 examination shall be of 3 hours duration from 10.00 AM to 1.00 PM to be held on 3rd August, 2025 The change of date, if any, will be intimated later on university website www.rajuvas.org. The candidates appearing in RPVT-2025 should reach and report at the allotted examination centre, as mentioned in the admit card, on the examination date as per following schedule:-



Date & Day of Examination	3rd August, 2025 (Sunday)
Opening of Examination Centre	8.30 AM
Reporting Time at Centre	8.30 AM to 9.30 AM
Last Entry in the Examination Centre	9.30 AM (No Entry after 9.30 AM)
Announcement of Important Instructions and Checking of Admit Cards by the Invigilator	09.30 AM to 09.45 AM
Distribution of Question Paper Booklet & OMR answer sheet by the Invigilator	09.45 AM
Writing of particulars on the Question Paper Booklet & OMR answer sheet by the candidate	09.50 AM
Timing and Duration of Examination	10:00 AM to 1:00 PM (3 hours)
Test Commences	10.00 AM
Test Concludes	01.00 PM (Candidates are not allowed to leave examination Hall/Room before 1.00 PM)

All the candidates are advised to reach to examination centre well in time. **The main gate of examination centre will be closed sharp at 9.30 AM on the examination date. A candidate who comes after 9.30 AM shall not be permitted to enter the Examination Centre under any circumstances. The candidates should note it carefully.**

INFORMATION FOR PARENTS/GUARDIANS:

- 1) It is expected from parents/guardians to guide their wards appropriately on the following issues before they leave home for appearing in the RPVT-2025 Examination:
 - (a) He/She will not be allowed to enter in the examination centre after **09.30 AM**. Therefore, he/she shall leave home well in advance considering all facts like traffic, location of the centre and weather conditions, etc.
 - (b) He/She will follow all the instructions and maintain the discipline during the whole examination process in the examination.
 - (c) He/She will not breach any examination rule.
 - (d) He/She will not use and promote any unfair means activity during the examination.
 - (e) He/She will bring only the following at the examination centre:
 - Admit Card affixed with same passport size coloured photograph as uploaded in the online application form and proforma provided with admit card with same coloured Post Card Size Photograph (4"x6") affixed on it.
 - Original Photo ID (Aadhar Card, Driving License and PAN Card etc. as ID of candidate)
 - (f) He/She will not bring any barred item at the centre.
 - (g) He/She will cooperate with the staff at examination centre in frisking process.

- (h) He/She will report at allotted examination centre well in advance to make him/herself available for frisking.
- (i) He/She will follow the dress code for appearing in RPVT-2025 Examination.
- 2) **In case, your ward is found not obeying above instructions, he/she will not be permitted to enter in the examination centre and will not be allowed to appear in the examination.**
- 3) If your ward is found indulged in any unwanted activities, he/she shall be debarred from taking this examination as well as permanently in future examinations and shall also be liable for criminal action and/or any other action as deemed fit by the RAJUVAS, Bikaner.

GENERAL INSTRUCTIONS TO BE FOLLOWED IN THE EXAMINATION HALL

- 1) The Examination Centre will be opened 01 hour and 30 minutes before the commencement of the test. No candidate shall be allowed to enter in the examination centre after 09.30 AM. Therefore, the candidates are advised to ensure that they leave the home well in advance considering all facts like traffic, location of the centre and weather conditions, etc. After entry in examination centre and completion of required formalities by the centre staff candidates are expected to take their allotted seats in the respective examination rooms.
- 2) A seat with a roll number will be allotted to each candidate. Candidates must find out and occupy their allotted seats. If a candidate is found appearing in the Test from a seat or room other than the allotted one to him/her, his/her candidature shall be cancelled.
- 3) The candidate must show, on demand, the Admit Card for admission in the Examination Hall. A candidate who does not possess the valid Admit Card shall not be admitted to the Examination Hall under any circumstances by the Centre Superintendent.
- 4) The Candidate should report with downloaded admit card along with proforma which is an attachment of Admit Card with (4"x6") having Post Card Size coloured same Photograph duly affixed on it, at the allotted Examination Centre. The proforma will be uploaded at the University website www.rajukas.org at the time of uploading the Admit Card. **This proforma will be collected by the Invigilator concerned after matching the photograph with the candidate appearing in the Examination.**
- 5) During the examination time, the invigilator will check Admit Card of the candidates to satisfy himself/ herself about the identity of each candidate. He/she will sign at the given place in the admit card. The invigilators will also put their signatures in the place provided in the OMR Answer Sheet & Attendance sheet.
- 6) The candidate must ensure that both the invigilators present in the examination Hall have put their signatures in the space provided on the OMR answer sheet.

At the end of examination, the OMR answer sheet must be handed over to the Invigilator before leaving the examination room.

- 7) Candidates are allowed to carry only downloaded original admit card comprising of two pages and any one original photo ID (including Aadhar card, PAN Card, Driving License etc.) inside the Examination Hall. The name of candidate in the original photo ID should match with name in the application form.
- 8) The conduct of RPVT-2025 Examination would be videographed. The candidates are required to keep their head in upright position and face the camera during the videography so that their identity could be clearly established.
- 9) No candidate will leave his/her seat or the Examination Room/Hall until the Test concludes as per schedule. Candidates should not leave the Room/Hall without handing over their OMR Answer Sheet to the invigilator on duty.
- 10) Smoking by any means in the examination centre is strictly prohibited.
- 11) The Test will start exactly at the time mentioned in the Admit Card and an announcement to this effect will be made by the invigilator.
- 12) Before the start of test, some important instructions will be communicated to the candidates by the invigilator for strict compliance by the candidates.
- 13) A signal will be given at the beginning of the examination and at half-time. A signal will also be given before the closing time when the candidate must stop marking the responses.
- 14) The candidate must sign on the Attendance Sheet at the appropriate place, after the commencement of examination. The candidates are also required to put their Thumb Impressions in the space provided on the Attendance Sheet.
- 15) If required the candidate will have to give his/her thumb impression in the dongle (Electronic device) to link with Aadhaar to confirm the identity of the candidate.
- 16) The candidate will check and ensure that the Question paper booklet contains as many numbers of pages as written on the top of the cover page.
- 17) The candidate shall maintain silence and attend to their paper only. Any disturbance by the candidate at the Examination Centre/Hall will be deemed misbehavior and the candidate(s) involved in such activity shall forfeit his/her right to continue in the examination. The decision of the Centre Superintendent in this regard shall be final and conclusive in the matter.

RULES REGARDING BREACH OF EXAMINATION:

BARRED ITEMS:

Candidates are not allowed to bring with them at the examination centre any barred item or any item which could be used in unfair means. The candidates will be subjected to extensive and compulsory frisking before entering the examination centre with the help of highly sensitive metal detectors. Possession of any such article with the candidates inside the centre premises will attract the penalties of unfair practices.

Therefore, candidates are advised in their own interest not to bring any of the barred items to the venue of the examination as arrangement for safe keeping of articles/items belonging to the candidates will not be made at examination centre



and candidates found in possession of these items will not be allowed entry inside the examination centre. The barred items may include following:

- (a) Any stationery copying item like textual material (printed or written), bits of papers, book(s), note, Geometry/Pencil Box, Plastic Pouch, Calculator, Pen, Scale, Writing Pad, Pen Drives, Eraser, Calculator, Log Table, Electronic Pen/Scanner etc.
- (b) Any communication device and their accessories like Mobile Phone, Bluetooth, Earphones, Microphone, Pager, Health Band/Laptop/ or any other electronic gadgets etc.
- (c) Other items like Wallet, Goggles, Handbags, Belt, Cap etc.
- (d) Any Watch/Wrist Watch, Bracelet, Camera, etc.
- (e) Any metallic item
- (f) Any eatable or drinkable item (opened or packed) including, Water Bottles, Tea, coffee, cold drinks or snacks etc. are not allowed to be taken by the candidates into the examination centre. Candidates suffering from diabetes are allowed to carry into the examination hall the eatables (with prior intimation) like sugar tablets / fruits (like banana/apple/orange) and transparent water bottle. However, they will not be allowed to carry packed foods like chocolate/candy/sandwich etc.
- (g) Any other item which could be used for unfairmeans, for hiding communication devices like camera, Bluetooth device etc.

DRESS CODE:

The candidates are instructed to follow the following dress code while appearing for RPVT-2025:

Male Dress code: Light clothes with half sleeves Shirt/T-Shirt, Slippers or Sandals. The cap, long sleeves Shirt/T-Shirt and Shoes are not allowed. All ornaments like Ring, Ear rings, Chain, Pendants, Badge, Brooch etc. are not allowed.

Female Dress code: Light clothes with half sleeves Shirt/T-shirt, Salwar/Trouser, Slippers, Sandals with low heels. The cap, long sleeves Shirt/T-Shirt and Shoes are not allowed. All ornaments like Ring, Earrings, Nose-pin, Chain/Necklace, Pendants, Badge, Brooch and Mangal sutra etc are also not allowed.

Note- Any candidate (Male/Female) wearing ornaments will not be allowed in the examination centre.

UNFAIRMEANS PRACTICES:

Unfair means practice is an activity that allows a candidate to gain an unfair advantage over other candidates. It includes, but is not limited to:

- 1) Having in possession any barred item or article which has been prohibited in examination centre and which may be used for unfair practices.
- 2) Writing questions or answers on any material other than the answer sheet given by the Centre Superintendent for writing answers;
- 3) Tearing of OMR Answer Sheet, any page of the Question paper booklet etc.;
- 4) Contacting or communicating or trying to do so with any person, other than the Examination Staff, during the examination time in the examination centre;



- 5) Taking away the answer sheet out of the examination hall/room;
- 6) Smuggling out Question Paper or its part or smuggling out OMR Answer Sheet or its part thereof;
- 7) Threatening any of the officials connected with the conduct of the examination or threatening any of the candidates;
- 8) Using or attempting to use any other undesirable method or means in connection with the examination;
- 9) Manipulation & fabrication of online RPVT-2025 documents viz. admit card, rank letter, self-declaration, etc.;
- 10) Forceful entry/exit in/from Examination Centre/Hall;
- 11) Use or attempted use of any electronic device after entering the examination centre;
- 12) Affixing/uploading fabricated photograph or edited photograph of other candidate on Photoshop on the application form/admit card/proforma;
- 13) Erasing or obliterating any information printed on the OMR sheet;
- 14) Providing wrong information on the answer sheet;
- 15) Creating obstacles in smooth and fair conduct of examination.
- 16) Making a false representation pertaining to the eligibility of the candidate to appear in the examination;
- 17) Communicating or attempting to communicate with the Convener or any person of his/her office or any person connected with the conduct of examination with the object of finding out the name and address of the paper-setter or examiner, or unduly influencing any person connected with the conduct of examination; Any attempt on the part of the candidate to influence directly or indirectly the admission procedures will be viewed seriously;
- 18) Talking to another candidate or any unauthorized person inside or outside the examination room during the examination hours without permission of a member of the supervisory staff, before handing over the OMR Answer Sheet to the invigilator;
- 19) Giving or receiving assistance of any kind, directly or indirectly, or attempting to do so in answering the question paper to or from any other candidate/person in or outside the Examination Hall during the examination hours;
- 20) Anything written or signs, made on the body parts of the candidate or his/her clothes/garments, hand-kerchief etc.
- 21) Anything written, or signs made on the admit card/ bits of paper/ question paper booklet/clothes etc.
- 22) Swallowing or attempting to swallow, or destroying or attempting to destroy a note or paper or any other material, or running away with the material with the intention of destroying the evidence of using unfair means, or being guilty of causing disappearance or destruction of any such material either by himself/herself or with the assistance of any other person;
- 23) Tampering with records of an examination;
- 24) Using any obscene or abusive language in his/her OMR answer sheet;
- 25) Cheating or attempting to cheat the University in any manner

- 26) Any act or omission, by or on behalf of the candidate connected with the examination, whether prior to or subsequent to such examination or the result thereof, which in the opinion of the University is unfair means;

DISORDERLY CONDUCT:

The candidate in the examination Hall or outside but within the campus of the Examination Centre during the examination Hall will be under the disciplinary control of the Superintendent of the Centre or his/her nominee and shall obey his/her instructions.

DISORDERLY CONDUCT INCLUDES:

- 1) Disobeying the instructions of the Superintendent/ Addl. Superintendent/ Asstt. Superintendent / Invigilator or Observer or any member of the Flying Squad or any other member of staff working at the examination centre.
- 2) Threatening, intimidating or assaulting the Superintendent, Invigilator, any member of the Flying Squad or Observer or any other member of staff working at the examination centre, or another candidate in connection with the examination before, during or after the examination hours.
- 3) Misbehaving with the Superintendent, Invigilator or any member of the Flying Squad or Observer or any other member working at the examination centre in connection with the examination before, during or after the examination hours;
- 4) Leaving the examination room before the completion of examination and/or without handing over the OMR answer sheet to the Invigilator or without signing the attendance sheet;
- 5) Tearing off or mutilating the OMR answer sheet or Question Booklet.
- 6) Disturbing or disrupting the conduct of examination or attempting to do so;
- 7) Inciting or compelling any other candidate to leave the examination room or to disturb/ disrupt/boycott the examination;
- 8) Bringing into the Examination Hall/Centre (a) any weapon or (b) any other material objected by the Invigilator/Centre Superintendent or any other member of the Supervisory Staff;
- 9) Appearing in the examination without being in possession of the Admit Card issued by the University for the said examination;
- 10) Refusing to be searched by the Invigilator/Centre Superintendent/any other member of the Supervisory Staff/any member of the Flying Squad, or obstructing or hindering such search in the Examination Hall, Verandah, Urinal, etc.

PUNISHMENT FOR USING UNFAIRMEANS PRACTICES:

During the course of examination, before or after the examination if a candidate is found indulged in any of the above or similar practices and thus, found guilty of unfair means or disorderly conduct at or in connection with the RPVT examination, he/she shall be deemed to have used unfair practices and booked under UNFAIRMEANS (U.F.M.) case. Such candidate, shall at the discretion of the University, be punished with one or more of the following:

- a) Cancellation of his/her present examination/provisional admission allotment.



- b) Debarring the candidate from appearing at any future RPVT examination of the University and also admission in any of the course permanently or for a stated period;

In addition to above a) and b), the candidate shall also be liable for criminal action as per applicability;

IMPERSONATION:

If at any stage, it is found that any candidate has indulged in any type of impersonation activity i.e. impersonating any candidate or getting impersonated by any person for taking the examination by any means; non-matching of the uploaded photograph/signature and videograph/ documents including any type of certificate, marks sheet submitted by the candidate, submitting of coloured photocopies of the documents as original documents etc. In such cases, he/she will be handed over to the Police for further investigation and these cases will be dealt as per the Indian Penal Code. **Such candidates will be debarred permanently from taking B.V.Sc. & A.H. admission in Future.**

PATTERN/RELEVANT DETAILS OF RPVT-2025 EXAMINATION

- 1) **Pattern of RPVT-2025 Examination:** The RPVT-2025 examination shall consist of one paper containing 180 objective type questions (four options with single correct answer) from Physics, Chemistry and Biology (Botany & Zoology) to be answered on the specially designed machine-gradable sheet using only **Black Ball Point Pen which will be provided to candidates by RAJUVAS, Bikaner** at examination centre. The distribution of questions will be as under:

Subject	No. of Questions
Physics	45
Chemistry	45
Biology (Botany and Zoology)	90
Total	180

SYLLABUS FOR THE RPVT-2025 EXAMINATION:

The general standard of the Rajasthan Pre-Veterinary Test -2025 will be that of 11th and 12th class under the 10+2 scheme/Pre-Medical/Intermediate Science or an equivalent recognized examination of an Indian University/State Board/CBSE. However, for convenience of the candidates, the model syllabus for RPVT-2025 has been annexed in this Information booklet.

LANGUAGE OF THE QUESTION PAPER:

The candidates will be provided question paper booklet printed both in English as well as Hindi language. In case of any ambiguity in translation of any of the question(s), its English version shall be treated as final.

1) **The Question Paper Booklet:**

- (a) Fifteen minutes before the commencement of the test every candidate will be given a sealed Question paper booklet and OMR Answer sheet.



- (b) Immediately on receipt of the Question paper booklet and the OMR answer sheet, the candidates will fill in the required particulars on the cover page of the Question paper booklet and also on OMR answer sheet with Black Ball Point Pen provided at the Centre. Candidates will not open the Question paper booklet until asked to do so by the invigilator.
- (c) Five minutes before the commencement of the test, the candidate will be instructed to break/ open the seal of the Question paper booklet. The candidate has to fill the Roll No., Question paper booklet series and other desired information in the OMR answer sheet in given spaces.

2) The OMR Answer Sheet:

- (a) **Immediately after providing the OMR answer sheet by the invigilator, the candidate should make the following entries and darken the corresponding circles in the OMR answer sheet very carefully. These include-**

- i) Part 'A' of OMR Answer sheet**

- Roll No.
 - Question Booklet No.
 - Booklet Series code A, B, C and D

- ii) Part 'C' of OMR Answer sheet**

- Signature of Candidate
 - Name of Candidate (In BLOCK Letters)

- iii) Part B of OMR Answer sheet**

- After making all the entries in the part 'A' and Part 'C' of the OMR Answer sheet, the candidate should proceed to solve the question paper and darken the corresponding circles in the part 'B' of OMR Answer sheet.

- (b) If these entries in OMR Answer sheet are not correctly made or corresponding Ovals are not properly darkened, the OMR answer sheet shall be rejected.
- (c) Unsigned OMR answer sheet shall be rejected.
- (d) After completing the test and before handing over the OMR answer sheet, the candidate should check again that all the particulars required in the OMR answer sheet have been correctly written and marked.
- (e) Before leaving the Examination Hall the candidates should ensure that they have handed over the OMR answer sheet to the invigilators on duty. The OMR Answer Sheet of RPVT-2025 will be retained at the examination centre.
- (f) The candidate will be allowed to take with him/her the Question Paper Booklet after completion of examination.

3) Marking the Responses:

- (a) Use only Black Ball Point Pen to darken the appropriate circle. **The black ball point pen will be provided at the centre.**
- (b) Mark should be dark and should completely fill the circle.

- (c) Darken only one circle for each entry as the Answer once marked cannot be changed.
- (d) A light or faint darkened circle may be treated as a wrong method of marking and may be rejected by the Optical Scanner.
- (e) Mark the responses only in the space provided.
- (f) Each question shall have four options to answer. The OMR answer sheet shall be having four empty circles for each question, in order of answers A, B, C, D. The candidate will indicate his/her response to the question by darkening the appropriate circle against A or B or C or D for each question completely with Black Ball Point Pen.
- (g) The responses given by the candidate in the OMR sheet will be evaluated by the method of Optical Mark Recognition by the computer and in case any candidate does not follow the correct method of marking the responses his/her response may not be recognized by the computer.

SOME EXAMPLES OF WRONG/CORRECT METHOD OF MARKING

WRONG METHOD					CORRECT METHOD				
021					021				
022					022				
023					023				
024					024				
025					025				
026					026				
027					027				
028					028				

Changing an Answer is not allowed: The candidates must fully satisfy themselves about the accuracy of the answer before darkening the appropriate circle as no change in answer once marked is allowed. Use of eraser or white fluid on the Answer Sheet is not permissible as the Answer Sheets are machine gradable and it may lead to wrong evaluation.

4) Scoring and Marking:

- (a) **Each question carries 4 marks. For each correct response the candidate will get 4 marks. For each incorrect response one mark will be deducted from the total score.** No deduction from the total score will, however, be made if no response is indicated for a question in the OMR answer sheet. The candidates are advised not to attempt such question in answer sheet, if they are not sure of the correct response. **More than one answer indicated in a**

question will be deemed as incorrect response and will be negatively marked.

- (b) Any Stray mark on the OMR Answer Sheet & Question Booklet or damage to the OMR Answer Sheet/Overwriting/ cutting/ erasing and application of white fluid on OMR Answer Sheet shall also lead to rejection.
- (c) For the purpose of evaluation, the Question paper booklet series code- A or B or C or D must be clearly marked in the OMR Answer Sheet.

5) Rough Work

The candidate will not do any rough work or writing work on the OMR Answer Sheet. All rough work is to be done in the Question paper booklet itself on specified page only.

POST EXAMINATION ACTIVITIES AND DECLARATION OF RESULT

1) Filing of grievances, if any, regarding question:

- Applicants will be given an opportunity to submit representation against the question by paying a non-refundable processing fee of ₹ 500/- per question challenged by online through student login id & password up to 04.08.2025 (Monday) up to 5.00 PM.
- Representations made by the candidates against the any question will be verified by the university from the actual record and the same will be updated in the data if challenges are found to be correct. However, no intimation in this regard will be sent to an individual candidate.
- If any question in the question booklet of RPVT-2025 is reported to be wrong by the candidate to the Convener RPVT-2025 with in the stipulated time, the same will be referred to expert committee of concerned subject and if expert committee finds it as wrong question, the said question will be deleted. The remaining questions will be considered for computing the result. The decision of the expert committee in this regard will be final.

2) Display of Answer Key of RPVT-2025 on university website and filing of grievances, if any, regarding answer key:

The answer key of the RPVT-2025 will be displayed on 08.08.2025 (Friday) at university website. Grievances, if any in this regard, can be filed along with its supporting documents by paying a non-refundable processing fee of ₹ 500/- per answer by online through student login id & password up to 09.08.2025 (Saturday) up to 5.00 PM. That charges may be refunded, if the grievance is found correct.

3) Display of OMR sheets and responses on website:

The RAJUVAS will display the images of OMR Answer Sheets on the website www.rajukas.org on 18.08.2025 (Monday), for downloading by the concerned candidate.

4) Declaration of result:

The RAJUVAS will conduct the RPVT-2025 Examination, evaluate the OMR answer sheet and the result will be displayed on website www.rajukas.org on



25/08/2025 (Monday). The change of dates if any, will be notified later on the University website.

5) The RPVT-2025 Marks sheet:

The RPVT-2025 marks sheet can be downloaded from the University website by the candidate after the declaration of result. No marks sheet will be sent by post to the candidate by the University. The marks sheet will contain the concerned personal particulars of candidates, provided by them in online application form, and marks obtained by them. Therefore, the candidates are advised to fill up carefully all the information including personal particulars in online submitted application form as well as in OMR answer sheet. The personal particulars of candidates are subject to verification process.

Inclusion of Name and Roll number of candidates in RPVT-2025 merit list does not confer any right for admission. His/her admission will further subject to merit position, prescribed reservation policy of the State of Rajasthan as well as fulfillment of the laid down admission eligibility criteria.

Admission and Counselling Procedure for BVSc & AH Degree Course

Admission of candidates of all categories to B.V.Sc. & A.H. degree course on State quota seats in the constituent colleges of the Rajasthan University of Veterinary and Animal Sciences (RAJUVAS), Bikaner and RAJUVAS (Jobner), Jaipur and State quota seats of the permitted University (RAJUVAS) affiliated private veterinary colleges shall be made based on the merit of RPVT-2025 qualified candidates, as well as prevailing Rajasthan State reservation policy as applicable on these admissions, fulfillment of the other laid down admission eligibility requirements and the rules of Veterinary Council of India, New Delhi, regulations (MSVE-2016) and directives of Rajasthan University of Veterinary and Animal Sciences, Bikaner.

Management quota seats of the permitted University (RAJUVAS) affiliated private veterinary colleges to be filled by the University Centralized Counselling System through merit of the RPVT-2025 qualified candidates/merit of NEET(UG)-2025 qualified candidates as per the guidelines issued by the VCI, New Delhi from time to time.

Online Registration for Counselling:

After declaration of RPVT-2025 result, online registration form will be invited from desirous admission eligible candidates of RPVT-2025 test and also fulfill other laid down admission eligibility requirements. Such registered candidates will have to participate in online/offline counselling process as per counselling schedule displayed well in time on the University website. The seat allotments will be done through the process of required online/offline counselling rounds, by the Central UG Admission Board constituted by the Rajasthan University of Veterinary and Animal Sciences, Bikaner.

If any University affiliated private veterinary college(s) is permitted admissions by the competent authority at the time of during counselling for admissions but well before the closing date of admission i.e. 30th September, 2025 as laid down in MSVE-2016 of VCI, then admissions will be made in the college(s), in accordance with the terms & conditions imposed in the said permission. The name(s) of such college(s) and number of available seats along with category-wise distribution will be notified at the time of online/offline counselling rounds for seat allotments.

However, admissions for the session 2025-26 will not be made on any type of seat including payment or management seat in any of the constituent and affiliated private veterinary colleges after 30th September, 2025. Thus, the admission process (which includes submission of all the original documents as required for admission along with deposition of complete prescribed fee) in all the constituent and affiliated private veterinary colleges will be completed by 30th September, 2025 as per the provisions of MSVE-2016 of VCI, New Delhi.

If any candidate does not apply online for counselling registration, then his/her name will not be included in the counselling process conducted by RAJUVAS for seat allotments. This online Registration for counselling will be available once **only**. The candidates must note it carefully.



Note for candidates:

- 1) *In online registration for counselling application, the candidates are asked to fill up and lock their college and seat type (Regular and Payment seat) preferences very carefully. Once you lock the choice the same cannot be modified or changed even if you have made a mistake. Mistake in filling choices may result in allotment of a seat which you never wanted. Also, it would not be possible to unlock and modify your filled choices/preferences of colleges and seat type for admission by the Central UG Admission Board of the University. Thus, no request in this regard under any circumstances will be entertained.*
- 2) *Further, if you don't register and fill in any choice for preference of colleges and seat type for admission then you will not be allotted any seat.*
- 3) *If you register only but don't fill in any choice for preference of college for admission, then also you will not be allotted any seat.*

- All admission desirous and eligible candidates must remain in touch with the website of RAJUVAS (www.rajukas.org) till conclusion of final online/offline counselling rounds for these admissions.
- For the candidate not participating in the online counselling process as per notified schedule, for reasons whatsoever, it shall be presumed that he/she is not interested in seeking admission in this course and thus he/she will automatically forfeit his/her right of admission. Thus he/she will not be considered for seat allotment during online counselling process. The candidate will solely be responsible for the same.
- Further, the candidate found ineligible for admission by the Central UG Admission Board at the time of counselling round and verification of documents will be rejected. The candidature for admission in such cases shall be summarily rejected.

Note: Candidates if remain absent in any online counselling round, they will not be considered in the subsequent online/offline counselling round(s).

- No personal intimation regarding the counselling will be given to the candidates individually by post or otherwise.
- The physically handicapped candidates (Persons with Disabilities- PwD), claiming admission under reserved category seats in B.V.Sc. & A.H. degree course through RPVT-2025 will be required to report in person before the Central UG Admission Board of RAJUVAS, Bikaner along with their all the original documents as required for admission including the valid Disability Certificate. They will be further sent for their disability check up before the Medical Board constituted by the S.P. Medical College, Bikaner.
- If required, the original documents of the candidates will be got verified from the concerned Board/University/Institution from where these have been issued. If any document is found to be fake or any other discrepancy (ies) arises at any stage even during the study period, his/her admission will be immediately cancelled without giving any notice.
- Merely calling for counselling and admission process as per counselling notification does not guarantee the candidates for the right of admission.

- All the judgments relevant to these admissions, passed by any Hon`ble court of law as well as such future judgements/Interim orders passed in pending writ petitions in any Hon`ble court of law and the prevailing rules existing at the time of counselling will be applicable on these admissions. The candidates will have to compulsorily abide with such judgments, rules and the changes. The admission shall be treated as provisional subject to the final decision of any pending case(s) in any court of law, if applicable on these admissions. Further, the provisional status of admission shall stand cleared only after fulfilling the eligibility and enrolment requirements by the University.
- No TA & DA will be paid by the University to any candidate called for counselling/ admission process.
- The decision of the Central UG Admission Board pertaining to any matter/dispute in the counselling/admission shall be final and binding on the candidates.

List of constituent and affiliated private veterinary colleges with RAJUVAS, Bikaner and RAJUVAS (Jobner) Jaipur for admission in B.V. Sc. & A.H. degree course

S. No	Name of college
CONSTITUENT VETERINARY COLLEGES	
1.	College of Veterinary and Animal Science, Bikaner
2.	College of Veterinary and Animal Science, (Navania) Udaipur
3.	Post Graduate Institute of Veterinary Education and Research, Jaipur
AFFILIATED PRIVATE VETERINARY COLLEGES	
1.	Apollo College of Veterinary Medicine, Jaipur
2.	Arawali Veterinary College, Sikar
3.	MJF College of Veterinary & Animal Sciences, Chomu, Jaipur
4.	M.B. Veterinary College, Dungarpur
5.	R.R. College of Veterinary and Animal Science, Deoli, Tonk
6.	Mahatma Gandhi Veterinary College, Agra Road, Bharatpur
7.	Shourabh College of Veterinary Science, Kheda, Hindaun City, Karauli
8.	Shekhawati Veterinary College, Kochhor, Sikar

NRI AND NRI SPONSORED SEATS AND THEIR GUIDELINES

Five seats of B.V.Sc. & A.H. degree course in each constituent colleges (CVAS, Bikaner, PGIVER, Jaipur and CVAS, Navania, Udaipur) of RAJUVAS, Bikaner and RAJUVAS (Jobner) Jaipur are reserved under NRI quota.

Eligibility for NRI /NRI Sponsored Category-

1. The Candidates who wish to claim the benefit under NRI category through NRI/ NRI sponsorship shall meet the following criteria as applicable for the admission in B.V. Sc & A.H. degree course in all constituent colleges of RAJUVAS;
 - i) At least one of the parents of student should be an NRI and shall ordinarily be residing abroad as an NRI; OR
 - ii) The person who sponsors the student for admission in B.V. Sc & A.H. degree course should be a first degree relative of the student (i.e. real Brother/real Sister) and should be ordinarily residing abroad as an NRI; OR
 - iii) If student is taken as a ward by some other nearest relative [as mentioned below (i) to (v)] such students also may be considered for admission provided the guardian has bonafidely related to the student as a ward. For this following nearest relative (NRI) of candidate, who should be ordinarily residing abroad as an NRI can only be considered:
 - (a) Real brother and sister of father i.e. real uncle real aunt.
 - (b) Real brother and sister of mother i.e. real maternal uncle and maternal aunt.
 - (c) Father and mother of father i.e. grandfather and grandmother.
 - (d) Father and mother i.e. maternal grandfather and maternal grandmother.
 - (e) First degree- paternal and maternal cousins.
 - iv) All NRI candidates shall submit a proof being sponsor as NRI/OCI/PIO in the form of certificate issued by the Indian embassy/Ministry of external affairs, Government of India for this purpose. In the absence of that certificate a duly notarized undertaking executed by the sponsor and notarized by the Notary Public of the foreign country where the sponsor resides being submitted by the sponsor, it be treated as sufficient as to the factum of the residence of the sponsor.
 - v) An affidavit from the sponsor that he/she looks after such student and will sponsor the entire course fee of the candidate.

2. Qualifying criteria

- i) NRI students seeking admission in constituent veterinary college of RAJUVAS, Bikaner and (Jobner), Jaipur shall fulfil minimum educational qualification as per the clause 7(5) of MSVE 2016, Regulations i.e. The students who are



educated abroad seeking admission in veterinary colleges in India should have passed the subjects of Physics, Chemistry, Biology or Biotechnology and English up to the 12th Standard level with 50% marks in aggregate of these subjects.

- ii) The candidates who wish to claim the benefit under NRI quota through **NRI sponsorship** shall have to submit NEET (UG) 2025 score card and will be filled up based on merit of NEET (UG)-2025 qualified candidates.

Reservation for NRI Quota

- (a) No reservation will apply on NRI seats of all constituent colleges.
- (b) For admission under NRI Quota, in the constituent colleges of RAJUVAS, priority will be given to the NRI with ancestral background of the State of Rajasthan by own/parents/Grandparents resided in State of Rajasthan at least for a period of 5 years at any time.
- (c) The proof of residence will also be applicable for the consideration priority for NRI Quota, for which document (Electricity/ Water bill/ Documents of immovable property/ Indian Passport/ Ration Card/ Voter ID/ Aadhaar Card etc.) to the effect for these criteria is required to be submitted by ward of NRI (including PIO/OCI).
- (d) Firstly, allotments of NRI Quota seats shall be allotted to candidate having ancestral background of the State of Rajasthan by own/parents/Grandparents resided in State of Rajasthan at least for a period of 5 years. Later on, remaining Vacant NRI seats will be allotted/ filled by the candidates of NRI belonging to other states.
- (e) For PIO/OCI: Overseas Citizens of India (OCI), Persons of Indian Origin (PIO) are allowed for admission under NRI Quota.
- (f) Unfilled seat(s) of NRI category will be treated as payment quota seats and shall be filled accordingly as per reservation policy of Govt. of Rajasthan.

FEE STRUCTURE FOR NRI AND NRI SPONSORED CANDIDATES

S. No.	Fee Head	Fee (In US\$)
1	Security/Caution Money	2000 US\$ (Refundable) One time
2	Tuition Fee	10000 US\$ per year (Non-refundable) For 4 th Professional year 20000 US\$
3	Hostel Fee	1200 US\$ per year (Optional)

Distribution of Seats in Constituent and Affiliated Private Veterinary Colleges with RAJUVAS, Bikaner and RAJUVAS (Jobner), Jaipur

Presently there are 100 seats in each of the constituent and affiliated private veterinary colleges of RAJUVAS, Bikaner and RAJUVAS (Jobner), Jaipur included in Schedule -1 by the VCI, New Delhi.

Seats distribution in constituent colleges of university -

- a) Presently there are 100 seats in each of the constituent colleges of RAJUVAS, Bikaner and RAJUVAS (Jobner), Jaipur - CVAS, Bikaner, CVAS, Navania, Udaipur and PGIVER, Jaipur. Out of total 100 seats in each college, 50 seats will be Regular State quota seats, 45 seats will be payment State quota seats and 05 payment seats will be NRI/NRI sponsored quota seats.
- b) Out of total 100 seats, in each of the VCI recognized constituent veterinary colleges of RAJUVAS, Bikaner and RAJUVAS (Jobner), Jaipur, fifteen per cent (15%) of the total number of seats i.e. 15 seats will be filled by VCI, New Delhi as All India quota seats. These All-India quota seats will be derived from the Regular 50 State quota seats.
- c) The regular state quota seats and payment state quota seats will be filled up based on merit of the RPVT-2025 qualified candidates.
- d) NRI/NRI sponsored seats will be from the present payment seats in the respective constituent college. If any NRI/NRI sponsored seat remains vacant, the same will be filled up under payment quota seats.

Seats distribution in university affiliated private veterinary colleges permitted for admissions –

- (a) Presently there are 100 seats in each of the affiliated private veterinary colleges of RAJUVAS, Bikaner and RAJUVAS (Jobner), Jaipur included in Schedule-1. Out of these 100 seats, 50 seats are State quota seats and 50 seats are management quota seats.
- (b) In other affiliated private veterinary colleges, there are 80 seats in each of the affiliated private veterinary colleges of RAJUVAS, Bikaner and RAJUVAS (Jobner), Jaipur. Out of these 80 seats, 40 seats are State quota seats and 40 seats are management quota seats.
- (c) In each of the VCI recognized affiliated private veterinary colleges, fifteen per cent (15%) of the total number of seats i.e. 15 seats will be filled by VCI, New Delhi as All India quota seats. These All-India quota seats will be derived from State quota seats.
- (d) In the University affiliated private colleges, the state quota seats will be filled up by the merit of the RPVT-2025 qualified candidates by the Central UG Admission Board constituted by the University.
- (e) In the University affiliated private colleges, management seats will be filled up by merit of the RPVT-2025 qualified candidates/merit of NEET(UG)-2025 qualified candidates by the Central UG Admission Board constituted by the University as per the guidelines issued by the VCI, New Delhi from time to time.

**PROCESS OF FILLING THE SEATS IN CONSTITUENT AND AFFILIATED
PRIVATE VETERINARY COLLEGES WITH RAJUVAS, BIKANER AND RAJUVAS
(JOBNER) JAIPUR**

(a) Constituent Colleges of the University:

- (i) **Regular State quota seats** – To be filled by the University through merit of the RPVT-2025 qualified candidates.
- (ii) **15% All India VCI quota seats** – To be filled by the VCI, New Delhi.
- (iii) **Payment State quota seats** – To be filled by the University through merit of the RPVT-2025 qualified candidates
- (iv) **NRI quota seats** - To be filled by the University as per NRI guidelines at all the three constituent colleges.

(b) Affiliated Private Veterinary Colleges of the University:

- (i) **State quota seats** – To be filled by the University through merit of the RPVT-2025 qualified candidates.
- (ii) **15% All India VCI quota seats** – To be filled by the VCI, New Delhi.
- (iii) **Management quota seats** – To be filled by the Central UG Admission Board through merit of the RPVT-2025 qualified candidates/merit of NEET(UG)-2025 qualified candidates as per the guidelines issued by the VCI, New Delhi from time to time.

PERCENTAGE CRITERIA FOR DECLARATION OF RESULT / MERIT OF RPVT-2025

To be eligible for admission to B.V.Sc. & A.H. degree course, it shall be necessary for a candidate to obtain a minimum of marks at **50th percentile** in the 'Rajasthan Pre Veterinary Test (RPVT)-2025: Provided that in respect of

- (a) For candidates belonging to the **SC, ST, STA, OBC and MBC**, the minimum marks shall be at the **40th percentile**;
- (b) Candidates with benchmark disabilities specified as per MSVE-2016, the minimum marks shall be at **45th percentile** in the case of **General category** and **40th percentile** in the case of the **SC, ST, STA, OBC and MBC**.

Provisional seat matrix for Rajasthan State Quota Seat position in different veterinary colleges for admission in BVSc & AH degree course (Session 2025-26) and their category-wise split up as per present reservation policy of Govt. of Rajasthan

Name of College	Regular Seats														Total	Payment Seats														Total	NRI seats	15 % VC I seat	Management seat	Grand Total
	UR		EWS		OBC		MBC		SC		ST		STA			UR		EWS		OBC		MBC		SC		ST		STA						
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls		Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls					
CVAS, BIKANER	9	3	3	1	5	2	1	1	5	1	1	1	2	--	35	13	4	4	1	7	2	1	1	5	2	2	1	1	1	45	5	15	--	100
CVAS, UDAIPUR	9	3	3	1	5	2	1	1	5	1	1	1	2	--	35	13	4	4	1	7	2	1	1	5	2	2	1	1	1	45	5	15	--	100
PGIVER, JAIPUR	9	3	3	1	5	2	1	1	5	1	1	1	2	--	35	13	4	4	1	7	2	1	1	5	2	2	1	1	1	45	5	15	--	100
ACVM, JAIPUR	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	9	3	3	1	5	2	1	1	5	1	1	1	2	--	35	--	15	50	100
AVC, SIKAR	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	9	3	3	1	5	2	1	1	5	1	1	1	2	--	35	--	15	50	100
MJF CVAS, Chomu, Jaipur	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	9	3	3	1	5	2	1	1	5	1	1	1	2	--	35	--	15	50	100
M.B. Vety. College, Dungarpur	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	11	4	3	1	6	2	2	--	4	2	2	1	2	--	40	--	--	40	80
R.R. Vety. College, Tonk	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	11	4	3	1	6	2	2	--	4	2	2	1	2	--	40	--	--	40	80
Mahatma Gandhi College, Bharatpur	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	11	4	3	1	6	2	2	--	4	2	2	1	2	--	40	--	--	40	80
Sourabh College, Karauli	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	11	4	3	1	6	2	2	--	4	2	2	1	2	--	40	--	--	40	80
Shekhawati College, Sikar	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	11	4	3	1	6	2	2	--	4	2	2	1	2	--	40	--	--	40	80

Note- Out of these seats in each college, 5% seats are reserved for Physically Handicapped category (PH) candidates (Horizontally) and 1% seats are reserved for Defence/ Paramilitary Personnels candidates (Horizontally). These seats will be derived from the category to which the PH candidates and Wards of Defence/Paramilitary personnels belong.

RESERVATIONS POLICY

Presently following reservations and sub-reservations are applicable on admissions:

- 1) **SCHEDULED CASTES**: Sixteen per cent (16%) of the seats are reserved for natural born (not adopted) candidates, of Rajasthan Domicile only, belonging to Scheduled Castes (SC) as notified in the Presidential order for the state of Rajasthan and who fulfill all other admission eligibility conditions. Not less than 25% out of these reserved seats shall be filled from Girl candidates belonging to Scheduled Caste.
- 2) **SCHEDULED TRIBES**: Twelve per cent (12%) of the seats are reserved for natural born (not adopted) candidates of Rajasthan Domicile only, belonging to Scheduled Tribes (ST) as notified in the Presidential order for the state of Rajasthan and who fulfill other admission eligibility conditions. Out of these reserved seats for ST category candidates, 45% seats shall be reserved for candidates of ST-STA category who are Bonafide Residents of Scheduled Tribal Area as notified by Govt. of Rajasthan. Not less than 25% out of these reserved seats shall be filled from Girl candidates belonging to Scheduled Tribes (ST) category & ST-STA category.

The digital, valid SC/ST/ST-STA category certificate in prescribed proforma (only for the castes included in the list of Rajasthan state) must have been issued by competent authority only in accordance to recent directives of the Govt. of Rajasthan. Further, the candidates of ST-STA category of Rajasthan domicile of schedule tribal area should have to produce special domicile certificate also in proforma issued by designated authority in addition to the Rajasthan domicile certificate.

- 3) **OTHER BACKWARDS CLASSES (NCL)**: Twenty one per cent (21%) of the seats are reserved for natural born (not adopted) candidates belonging to Non-creamy layer (NCL) Other Backward Classes (OBC) of Rajasthan Domicile only and included in Rajasthan State list and also who fulfill laid down other admission eligibility conditions. Not less than 25% out of these reserved seats shall be filled from respective Girl candidates belonging to non-creamy layer (NCL) of Other Backward Classes (OBC).
- 4) **MORE BACKWARD CLASSES (NCL)**: Five (05) per cent of the seats are reserved for natural born (not adopted) candidates of Rajasthan domicile only who belong to non-creamy layer (NCL) More Backward Class (MBC) in accordance to the bill passed in Rajasthan legislative assembly on 13/02/2020 "The Rajasthan Backward Classes (Reservation of seats in educational institutions in the State and appointments and posts in services under the State) (Amendment) Bill, 2020.



The digital and recently issued OBC (NCL)/MBC (NCL) category certificate valid at the time of admission in prescribed proforma (only for the castes included in the list of Rajasthan state) must have been issued by competent authority only in accordance to recent directives of the Govt. of Rajasthan, wherein creamy layer status of candidate must have been clearly mentioned.

The OBC and MBC category Rajasthan Domicile candidates falling under creamy layer will be treated as candidates of General (Unreserved) category.

- *OBC and MBC category candidates claiming reservation of seat should not belong to Creamy Layer. The last three years Income Tax Returns / Form No. 16 of their parents ending 31.03.2024 as proof of Non-Creamy Layer status should be produced at the time of counselling along with the original OBC-NCL/MBC-NCL Certificate to verify the claim of a seat under these categories by the Applicant.*
- *Income certificate from competent District Revenue Authority be produced in case the parents are not filing any income tax.*
- *If the parents are employed in Government/Public Sector Enterprises, a recent certificate from their employer indicating their Designation and Class / Group and total income per month as on 31.03.2024 has also to be submitted for their claim of seat under OBC-NCL/MBC-NCL category.*

- 5) **ECONOMICALLY WEAKER SECTIONS:** Ten per cent (10%) of the seats are reserved for natural born (not adopted) General category candidates of Rajasthan domicile only who belong to Economically Weaker Section (EWS) and does not come under any of the reserved category in the Rajasthan State list. Not less than 25% out of these reserved seats shall be filled from respective Girl candidates belonging to EWS category.

The digital and recently issued EWS category certificate valid at the time of admission in prescribed proforma must have been issued by competent authority only in accordance to directives of the Govt. of Rajasthan.

- 6) **PERSONS WITH DISABILITY (PwD) CATEGORY:** Five per cent (5%) seats will be reserved for Physically Handicapped candidates horizontally. These seats shall be derived out of the seats prescribed for categories of Scheduled Caste, Scheduled Tribes including ST-STA, Other Backward Classes, MBC, EWS and Unreserved seats (Both Boys and Girls). Thus, the physically handicapped category candidates provided admission on their merit, shall occupy the seat of respective category (UR/EWS/OBC/MBC/SC/ST/ST-STA/Defence & Paramilitary / any other category of Boys and Girls) to which they belong and consequently the number of seats

available to non-physically handicapped/disabled candidates in that category shall stand reduced by equivalent numbers.

As per the Part III-Admission to the B.V.Sc. & A.H. Degree Course-Selection of students-7 (10) and (11) Regulations of the Veterinary Council of India-Minimum Standards of Veterinary Education-Degree Course (B.V.Sc. & A.H.) Regulations-2016, a candidate shall not be allowed admission to B.V.Sc. & A.H. Degree Course, if he/she suffers the following disabilities namely-

- a) disability of total body including disability of chest/spine more than 50 per cent.
- b) disability of lower limb of more than 50 per cent,
- c) disability of upper limb,
- d) visually handicapped candidates and those with hearing disability,
- e) Candidates with progressive diseases like Myopathies etc.
- f) Disability which otherwise would interfere in the performance of the duties of a veterinarian.

The disability shall be certified by a duly constituted and authorized Medical Board Comprising of at least three specialists, out of which two should be of the speciality concerned and the candidate has to present him/her self before the Medical Board and the last valid disability certificate of the candidate from a Medical Board should not be more than three months old from the date of submitting his/her certificate for disabled candidates.

- 7) **WARDS OF DEFENCE AND PARAMILITARY PERSONNELS**: One per cent (1%) of the seats are reserved, on priority cum merit basis, for the natural born (not adopted) sons/daughters of Defence personnel (serving/retired), and para military personnel (serving/retired) of Rajasthan origin, horizontally. Out of these seats, 50% seats are further reserved for girl candidates. Unfilled seats will be reverted back to boy's category.

As per letter F. No.6(1)/2017/D(Res.II) dated May 21, 2018 issued by the Ministry of Defence, Govt. of India, the priority list for reservation/preferences to the wards of defence personnel of Rajasthan Domicile origin will be as follows:

- Priority I : Widows/Wards of Defence personnel killed in action.
- Priority II : Wards of disabled in action and boarded out from service.
- Priority III: Widows/wards of Defence personnel who died while in service with death attributable to military service.



Priority IV: Wards of disabled in service and boarded out with disability attributable to military service.

Priority V: Wards of Ex-Servicemen and serving personnel who are in Gallantry Awards:

- i. Param Vir Chakra
- ii. Ashok Chakra
- iii. Maha Vir Chakra
- iv. Kirti Chakra
- v. Vir Chakra
- vi. Shaurya Chakra
- vii. Sena, Nau Sena, Vayu Sena Medal
- viii. Mention-in-Despatches

Priority VI: Wards of Ex-Servicemen

Priority VII: Wives of :

- i) defence personnel disabled in action and boarded out from service.
- ii) defence personnel disabled in service and boarded out with disability attributable to military service.
- iii) ex-servicemen and serving personnel who are in receipt of Gallantry Awards.

Priority VIII: Wards of Serving Personnel.

Priority IX: Wives of Serving Personnel.

Priority order for Para-military personnels of Rajasthan domicile origin will be as follows:

- 1) Widows/ Wards of defence personnel killed in action.
 - 2) Wards of personnel disabled in action and boarded out from service.
 - 3) Widow/Wards of defence personnel who died while in service with death attributable to military services.
 - 4) Wards of those disabled in service and boarded out with disability attributable to military services.
 - 5) Wards of Ex-servicemen and serving personnel who are in receipt of Gallantry Award.
 - 6) Wards of Ex-servicemen.
- 8) Any other category for which provision of reservation is notified by the Govt. of Rajasthan.

Note: If, for reasons to be recorded in writing, the Central UG Admission Board suspects that a particular candidate has obtained any document including any certificate by misrepresenting facts, the matter will be referred to the concerned certificate issuing authority. On receipt of the enquiry report, the Admission Board shall take the final decision regarding the admission of the candidate.

- 9) **UNRESERVED CATEGORY (UR):** After deducting seats with respect to Rajasthan Govt. prescribed reserved categories, the remaining regular and payment seats will be treated as Unreserved seats. Out of these Unreserved (UR) seats. Not less than 25% seats shall be reserved for girl candidates belonging to Unreserved category.

FEE STRUCTURE OF REGULAR AND PAYMENT SEATS

The B.V.Sc. & A.H. Degree course comprises of a course of study consisting of curriculum and syllabus specified in Part IV of Minimum Standards of Veterinary Education- Degree course (B.V.Sc. & A.H.) Regulations, 2016 of Veterinary Council of India, New Delhi. The course programme is spread over five and half complete professional years including a compulsory internship of “one year” duration undertaken after successful completion of all credits as prescribed in the syllabus.

- ❖ The fee on payment seat for the first professional year of B.V.Sc. & A.H. will have to be deposited at the time of admission along with other Regular college fee.
- ❖ The fee of payment seats for subsequent professional years will have to pay at the start of each of these classes along with regular college fee.
- ❖ If any student fails in any of the professional year, he/she would have to pay the same additional amount of fee of payment seat per professional year over and above the regular fee of College/Hostel/any other for repeating the programme (s) in which he/she has failed.
- ❖ However, if any candidate is reshuffled from payment state quota seat to regular state quota seat during the course of different online/offline counselling rounds, if held before the closure of admissions, his/her payment seat fee only will be refunded back to him/her.
- ❖ Once all the regular seats of the concerned college are filled and thus, admission process for that college is completed, no reshuffling process will be undertaken by the University and the candidate will have compulsorily to abide with his/her decision to opt for admission on payment seat, even in the event of any Regular seat, subsequently fallen vacant under any of the category due to any dropout of admission by the candidate(s) or by the University due to reason whatsoever may be in same or subsequent academic years under Regular State seats after declaration of closure of admissions for session 2025-26.
- ❖ In the event of withdrawal of admission from the course by the admitted candidate, the extent of refund of fee paid by him/her will be processed and decided as per guidelines issued by the UGC, New Delhi in 2025.
- ❖ The fee structure on Regular and payment seats in constituent and affiliated private veterinary colleges of the University will be notified at the time of counselling for admissions. However, the tentative fee structure of Regular and payment State quota seats in BVSc & AH degree course programme is given here under:



**TENTATIVE FEE STRUCTURE OF REGULAR AND PAYMENT STATE QUOTA
SEATS IN B.V.Sc. & A.H. DEGREE COURSE PROGRAMME**

<u>(A) University Constituent Veterinary Colleges</u>		
S. No.	Regular State& VCI quota seats	Fee (Rs.)
1	1st to 3rd Professional	General Boys- 17,340/- per year
2	4th Professional	34,680/- (in two installments)
1	1st to 3rd Professional	All other categories Boys and Girls- 6,340/- per year
2	4th Professional	12,680/- (in two installments)
S. No.	Payment seats	Fee (Rs.)
1	1st to 3rd Professional	3,00,000/- per year + Regular fees as per applicable category
2	4th Professional	6,00,000/- + Regular fees as per applicable category (in two installments)
<u>(B) University Affiliated Private Veterinary Colleges</u>		
<u>(1) Arawali Veterinary College, Sikar</u>		
S.No.	Fee Head	Amount (In Rs.)
1	Tuition Fee (per year)	State/VCI quota- 6,00,000/- Management quota- 8,00,000/-
2	Caution Money	50,000/- (One time in 1st year only and refundable)
3	Hostel Fee (Per Year)	(a) 81,000/- Normal Room (Double seated) 91,000/- (Single seated) (b) 1,21,000/- Centrally air-cooled rooms (Double seated) 1,61,000/- (Single seated) (c) 1,61,000/- Air-conditioned rooms (Double seated) 2,11,000/- (Single seated)
<u>(2) Mahatma Jyotiba Fule College of Veterinary & Animal Sciences, Chomu, Jaipur</u>		
S.No.	Fee Head	Amount (In Rs.)
1	Tuition Fee	State quota- 6,00,000/- per year Management quota- 7,00,000/- per year
2	Hostel Fee (Per Year)	(a) 90,000/- Non-A/C Room (including mess charges) (b) 1,25,000/- A/C Room (including mess charges)
<u>(3) Apollo College of Veterinary Medicine, Jaipur</u>		
S.No.	Fee Head	Amount (In Rs.)
1	Tuition Fee	State/ VCI quota- 5,75,000/- per year Management quota- 6,75,000/- per year
2	Caution Money	50,000/- (One time refundable)
3.	Hostel Fee (per year)	Rs. 1,00,000/- for Non-AC Room & Rs. 1,30,000/- for AC room
<u>(4) M.B. Veterinary College, Dungarpur</u>		
S.No.	Fee Head	Amount (In Rs.)
1	Tuition Fee	State quota- 5,50,000/- per year

		Management quota- 6,00,000/- per year
2	Caution Money	50,000/- (Refundable)
3	Registration Fee	5,000/- (Non-refundable)
4	Hostel fee	75,000/- for double seated AC room (Mess charges extra) 50,000/- for double seated Non-AC room (Mess charges extra)
(5) R.R. College of Veterinray and Animal Science, Deoli, Tonk		
S.No.	Fee Head	Amount (In Rs.)
1	Fees	6,00,000/- per year
2	Hostel fees	1,20,000/- per year (for AC room) 1,00,000/- per year (for Non AC room)
(6) Mahatma Gandhi Veterinary College, Bharatpur		
S.No.	Fee Head	Amount (In Rs.)
1	Tuition Fee	State quota- 6,50,000/- per year Management quota- 7,00,000/- per year
2	Caution Money	50,000/- (Refundable)
3	Hostel Fee (per annum) including mess charges	AC room- 1,50,000/- triple seated, 1,75,000/- double seated and 2,00,000/- for Single seated Non-AC room- 1,00,000/- triple seated, 1,25,000/- double seated and 1,50,000/- for Single seated
(7) Shourabh College of Veterinray Science, Kheda, Hindaun City, Karauli		
S.No.	Fee Head	Amount (In Rs.)
1	Tuition Fee	5,50,000/- per year
2	Caution Money	50,000/- (One time in 1 st year only and refundable)
3	Hostel fee (per year)	1,50,000/- (Non-A/C room) & 1,75,000/- (A/C room)
(8) Shekhawati Veterinary College, Sikar		
S.No.	Fee Head	Amount (In Rs.)
1	Tuition Fee	State quota- 6,00,000/- per year Management quota- 7,00,000/- per year
2	Caution Money	50,000/- (One time in 1 st year only and refundable)
3	Hostal Fee (per year)	1,00,000/- (Air Cooled room) 1,50,000/- (A/c room)

FEE STRUCTURE FOR NRI AND NRI SPONSORED CANDIDATES

S.No.	Fee Head	Fee (In US\$)
1	Security/Caution Money	2000 US\$ (Refundable) One time
2	Tuition Fee	10000 US\$ per year (Non-refundable) For 4 th Professional year 20000 US\$
3	Hostel Fee	1200 US\$ per year (optional)

ORIGINAL DOCUMENTS REQUIRED AT THE TIME OF COUNSELLING FOR VERIFICATION

The candidates must bring compulsorily the required original documents, for verification on the day of admission process for verification of is admission eligibility, failing which they will not be considered for admission. The list of such documents is as under:

- 1) Original Photo ID along with its one self-attested photocopy.
- 2) RPVT-2025 Application form.
- 3) Original Admit card of RPVT-2025.
- 4) RPVT-2025 marks sheet.
- 5) Online Registration form for Rajasthan State Counselling, submitted on University website www.rajuvas.org for admission under state quota seats.
- 6) Online Seat allotment letter.
- 7) Mark sheet & Certificate of Senior Secondary (10+2) or equivalent recognized Examination.
- 8) Mark sheet of 10+1 class.
- 9) Mark sheet and Certificate of Secondary or equivalent recognized Examination.
- 10) Character Certificate (in the proforma of Institute mentioning all the admission related particulars) issued from the school/college last attended.
- 11) Valid Digital Caste Certificate as on the date of counselling, as per applicability, as applicable with respect to Caste categories included in the Rajasthan state lists of SC, ST, ST-STA, Non-creamy layer OBC, Non-creamy layer MBC and any other specified reserved categories issued by competent authority.
- 12) EWS certificate (if applicable) for Rajasthan State issued by competent authority of Rajasthan (valid for financial year 2024-25).
- 13) The income certificate of parents employed in Government/Public Sector Enterprises/ Autonomous bodies/Private Organizations or Institutes (In proforma for the financial year 2024-25 issued by employer, as proof of Non-Creamy Layer status, should be produced at the time of counselling along with the original Non-creamy layer OBC Certificate to verify the claim of a seat under these categories by the Applicant. Income certificate from competent District Revenue Authority (Tehsildar/any designated authority) be produced in case the parents are not filing any income tax.
- 14) Rajasthan Domicile Certificate (Digital)- must be issued in proforma by competent authority.
- 15) Transfer Certificate of last Institute, if at present no admission has been taken in any Institute.
- 16) Migration Certificate issued by last Board /University (If available at the time of counselling).

- 17) The candidate claiming admission under physically handicapped (PwD) category must bring compulsorily, the certificate showing his/her physical disability bearing his/her photograph on it, issued only by a Medical Board constituted by authority of any Govt. Medical College of Rajasthan following instructions mentioned in this Information booklet. The physical disability certificate should not be older than three months.
- 18) NRI documents, if applicable and other related applicable documents.
- 19) Address proof of parents and local Indian guardian (in case of NRI), if applicable
- 20) Four identical colour photographs with name and date of taking photograph. The photograph should be same as uploaded for online application form of RPVT-2025 as per instructions.
- 21) All uploaded annexures to be completely filled.

If the original documents of candidate are lying deposited in other college/Institute then he/she will be allowed to participate in counselling under the following conditions:

- a) A Letter / Document in Original signed by the Principal / Dean of the Institute mentioning the exact date of admission and list of the original certificates / documents retained in that College/ Institution.
- b) The fee receipt for the admission issued by the college in Original.
- c) Attested photocopies of all certificates / documents retained in that college are to be submitted.

The original documents submitted at the time of counselling, if found defective/forged, the eligibility for admission will be cancelled. Also, if for the reason(s), to be recorded in the writing, the Central UG Admission Board suspects that a particular candidate has obtained his/her documents including caste certificate and income certificates of parents by misrepresenting the facts, the matter will be referred to the concerned District Magistrate. Criminal action may also be initiated in such cases.

RULES FOR BREAKING TIE

In case of candidates securing equal marks (tie) in the RPVT-2025 merit, the tie shall be broken to determine merit amongst themselves as per the procedure given below, in the same serial order:

- a. Candidate obtaining higher marks/percentile score in Biology (Botany & Zoology) in the Test, followed by,
- b. Candidate obtaining higher marks/percentile score in Chemistry in the Test, followed by,
- c. Candidate obtaining higher marks/percentile score in Physics in the Test, followed by,

- d. Candidate with less proportion of the number of attempted incorrect answers and correct answers in all the subjects in the Test,
- e. Candidate with less proportion of a number of attempted incorrect answers and correct answers in Biology (Botany & Zoology) in the Test, followed by
- f. Candidate with less proportion of a number of attempted incorrect answers and correct answers in Chemistry in the Test, followed by
- g. Candidate with less proportion of a number of attempted incorrect answers and correct answers in Physics in the Test, followed by
- h. In case, a-g criteria are exhausted and tie still persists, it will be resolved through a random process with the guidance of an independent expert committee.

MEDICAL EXAMINATION

All the candidates provisionally admitted to B.V.Sc. & A.H. course will have to submit Physical Fitness Certificate from Medical Jurist of Govt. Hospital / Medical College. The admission of candidate found unsuitable in Physical Fitness will be cancelled.

CLOSURE OF ADMISSIONS

Once all the seats at the college, where admission are being made, the admission for that academic session will be declared closed for that college by the Chairman of the Faculty of Veterinary and Animal Science on the recommendation of Central UG Admission Board. After declaration of closure of admission, no admission will be given and no reshuffling of candidates including reshuffling from payment seat to regular seat will be done, even if any seat(s) falls vacant due to reason whatsoever may be (including admission withdrawal/dropping from the course programme at any time of the course duration by the candidates/cancellation of the admission including admission cancellation in accordance to the attendance rules etc).

Further, the admissions for session 2025-26 will be closed on 30/09/2025 as per MSVE-2016 in the constituent and University affiliated private veterinary colleges or on the date as notified by the VCI, New Delhi.

The Rajasthan University of Veterinary and Animal Sciences, Bikaner reserves the right to admit or reject admission of any candidate without assigning any reason. The jurisdiction for legal case arising out of admission B.V.Sc. & A.H. programme on the basis of RPVT-2025 shall be limited to the Hon'ble High Court of Judicature for Rajasthan only. The candidate (s) before approaching the any Hon'ble Court, should file an appeal to the University regarding their grievance.



LEGAL JURISDICTION

All disputes pertaining to the conduct of RPVT-2025 & allotment of seats shall fall within the jurisdiction of Rajasthan only.

CHANGES IN RULES

Instructions in the Information Booklet are liable to change at any time based on decisions taken by the competent authorities. In case of any ambiguity in interpretation of any of the instructions/terms/rules/criteria regarding determination of eligibility/ conduct of examination/ registration of candidates/information contained therein, the interpretation/decision of the RAJUVAS, Bikaner shall be final and binding to all concerned.

Changes/Amendments in the rules can be done at any time by the Rajasthan University of Veterinary and Animal Sciences, Bikaner even after the declaration of the result of RPVT-2025 or at the time of admission to the B.V.Sc. & A.H. degree course. The candidates will have to abide compulsorily with such changes.

PRESERVATION OF RPVT-2025 RECORD

The record of RAJASTHAN PRE VETERINARY TEST-2025 will be preserved only up to 6 months of conduction of RPVT-2025 examination.

Modal Syllabus for RPVT-2025

PHYSICS

UNIT 1: PHYSICS AND MEASUREMENT

Units of measurements, System of Units, S I Units, fundamental and derived units, least count, significant figures, Errors in measurements, Dimensions of Physics quantities, dimensional analysis, and its applications.

UNIT 2: KINEMATICS

The frame of reference, motion in a straight line, Position- time graph, speed and velocity; Uniform and non-uniform motion, average speed and instantaneous velocity, uniformly accelerated motion, velocity-time, position-time graph, relations for uniformly accelerated motion, Scalars and Vectors, Vector. Addition and subtraction, scalar and vector products, Unit Vector, Resolution of a Vector. Relative Velocity, Motion in a plane, Projectile Motion, Uniform Circular Motion.

UNIT 3: LAWS OF MOTION

Force and inertia, Newton's First law of motion; Momentum, Newton's Second Law of motion, Impulses; Newton's Third Law of motion. Law of conservation of linear momentum and its applications. Equilibrium of concurrent forces.

Static and Kinetic friction, laws of friction, rolling friction.

Dynamics of uniform circular motion: centripetal force and its applications: vehicle on a level circular road, vehicle on a banked road.

UNIT 4: WORK, ENERGY, AND POWER

Work done by a constant force and a variable force; kinetic and potential energies, work-energy theorem, power.

The potential energy of spring conservation of mechanical energy, conservative and nonconservative forces; motion in a vertical circle: Elastic and inelastic collisions in one and two dimensions.

UNIT5: ROTATIONAL MOTION

Centre of the mass of a two-particle system, Centre of the mass of a rigid body; Basic concepts of rotational motion; moment of a force; torque, angular momentum, conservation of angular momentum and its applications;

The moment of inertia, the radius of gyration, values of moments of inertia for simple geometrical objects, parallel and perpendicular axes theorems, and their applications. Equilibrium of rigid bodies, rigid body rotation and equations of rotational motion, comparison of linear and rotational motions.



UNIT 6: GRAVITATION

The universal law of gravitation. Acceleration due to gravity and its variation with altitude and depth. Kepler's law of planetary motion. Gravitational potential energy; gravitational potential. Escape velocity, Motion of a satellite, orbital velocity, time period and energy of satellite.

UNIT 7: PROPERTIES OF SOLIDS AND LIQUIDS

Elastic behaviour, Stress-strain relationship, Hooke's Law. Young's modulus, bulk modulus, modulus of rigidity. Pressure due to a fluid column; Pascal's law and its applications. Effect of gravity on fluid pressure.

Viscosity. Stokes' law. terminal velocity, streamline, and turbulent flow. critical velocity. Bernoulli's principle and its applications.

Surface energy and surface tension, angle of contact, excess of pressure across a curved surface, application of surface tension - drops, bubbles, and capillary rise. Heat, temperature, thermal expansion; specific heat capacity, calorimetry; change of state, latent heat. Heat transfer conduction, convection, and radiation.

UNIT 8: THERMODYNAMICS

Thermal equilibrium, zeroth law of thermodynamics, the concept of temperature. Heat, work, and internal energy. The first law of thermodynamics, isothermal and adiabatic processes.

The second law of thermodynamics: reversible and irreversible processes.

UNIT 9: KINETIC THEORY OF GASES

Equation of state of a perfect gas, work done on compressing a gas, Kinetic theory of gases - assumptions, the concept of pressure. Kinetic interpretation of temperature: RMS speed of gas molecules: Degrees of freedom. Law of equipartition of energy and applications to specific heat capacities of gases; Mean free path. Avogadro's number.

UNIT 10: OSCILLATIONS AND WAVES

Oscillations and periodic motion – time period, frequency, displacement as a function of time. Periodic functions. Simple harmonic motion (S.H.M.) and its equation; phase: oscillations of a spring -restoring force and force constant: energy in S.H.M. - Kinetic and potential energies; Simple pendulum - derivation of expression for its time period:

Wave motion. Longitudinal and transverse waves, speed of travelling wave. Displacement relation for a progressive wave. Principle of superposition of waves, reflection of waves. Standing waves in strings and organ pipes, fundamental mode and harmonics. Beats.



UNIT 11: ELECTROSTATICS

Electric charges: Conservation of charge. Coulomb's law forces between two point charges, forces between multiple charges: superposition principle and continuous charge distribution.

Electric field: Electric field due to a point charge, Electric field lines. Electric dipole, Electric field due to a dipole. Torque on a dipole in a uniform electric field.

Electric flux. Gauss's law and its applications to find field due to infinitely long uniformly charged straight wire, uniformly charged infinite plane sheet, and uniformly charged thin spherical shell. Electric potential and its calculation for a point charge, electric dipole and system of charges; potential difference, Equipotential surfaces, Electrical potential energy of a system of two point charges and of electric dipole in an electrostatic field.

Conductors and insulators. Dielectrics and electric polarization, capacitors and capacitances, the combination of capacitors in series and parallel, capacitance of a parallel plate capacitor with and without dielectric medium between the plates. Energy stored in a capacitor.

UNIT 12: CURRENT ELECTRICITY

Electric current. Drift velocity, mobility and their relation with electric current. Ohm's law. Electrical resistance. V-I characteristics of Ohmic and non-ohmic conductors. Electrical energy and power. Electrical resistivity and conductivity. Series and parallel combinations of resistors; Temperature dependence of resistance.

Internal resistance, potential difference and emf of a cell, a combination of cells in series and parallel. Kirchhoff's laws and their applications. Wheatstone bridge. Metre Bridge.

UNIT 13: MAGNETIC EFFECTS OF CURRENT AND MAGNETISM

Biot - Savart law and its application to current carrying circular loop. Ampere's law and its applications to infinitely long current carrying straight wire and solenoid. Force on a moving charge in uniform magnetic and electric fields.

Force on a current-carrying conductor in a uniform magnetic field. The force between two parallel currents carrying conductors-definition of ampere. Torque experienced by a current loop in a uniform magnetic field: Moving coil galvanometer, its sensitivity, and conversion to ammeter and voltmeter.

Current loop as a magnetic dipole and its magnetic dipole moment. Bar magnet as an equivalent solenoid, magnetic field lines; Magnetic field due to a magnetic dipole (bar magnet) along its axis and perpendicular to its axis. Torque on a



magnetic dipole in a uniform magnetic field. Para-, dia- and ferromagnetic substances with examples, effect of temperature on magnetic properties.

UNIT 14: ELECTROMAGNETIC INDUCTION AND ALTERNATING CURRENTS

Electromagnetic induction: Faraday's law. Induced emf and current: Lenz's Law, Eddy currents. Self and mutual inductance. Alternating currents, peak and RMS value of alternating current/ voltage: reactance and impedance: LCR series circuit, resonance: power in AC circuits, wattless current. AC generator and transformer.

UNIT 15: ELECTROMAGNETIC WAVES

Displacement current. Electromagnetic waves and their characteristics, Transverse nature of electromagnetic waves, Electromagnetic spectrum (radio waves, microwaves, infrared, visible, ultraviolet. X-rays. Gamma rays), Applications of e.m. waves.

UNIT 16: OPTICS

Reflection of light, spherical mirrors, mirror formula. Refraction of light at plane and spherical surfaces, thin lens formula and lens maker formula. Total internal reflection and its applications.

Magnification. Power of a Lens. Combination of thin lenses in contact. Refraction of light through a prism. Microscope and Astronomical Telescope (reflecting and refracting) and their magnifying powers.

Wave optics: wavefront and Huygens' principle. Laws of reflection and refraction using Huygens principle. Interference, Young's double-slit experiment and expression for fringe width, coherent sources, and sustained interference of light. Diffraction due to a single slit, width of central maximum.. Polarization, plane-polarized light: Brewster's law, uses of plane-polarized light and Polaroid.

UNIT 17: DUAL NATURE OF MATTER AND RADIATION

Dual nature of radiation. Photoelectric effect. Hertz and Lenard's observations; Einstein's photoelectric equation: particle nature of light. Matter waves-wave nature of particle, de Broglie relation.

UNIT 18: ATOMS AND NUCLEI

Alpha-particle scattering experiment; Rutherford's model of atom; Bohr model, energy levels, hydrogen spectrum. Composition and size of nucleus, atomic masses, Mass-energy relation, mass defect; binding energy per nucleon and its variation with mass number, nuclear fission, and fusion.

UNIT 19: ELECTRONIC DEVICES

Semiconductors; semiconductor diode: I-V characteristics in forward and reverse bias; diode as a rectifier; I-V characteristics of LED. the photodiode, solar cell,



and Zener diode; Zener diode as a voltage regulator.. Logic gates (OR. AND. NOT. NAND and NOR).

UNIT 20: EXPERIMENTAL SKILLS

Familiarity with the basic approach and observations of the experiments and activities:

1. Vernier calipers-its use to measure the internal and external diameter and depth of a vessel.
2. Screw gauge-its use to determine thickness/ diameter of thin sheet/wire.
3. Simple Pendulum-dissipation of energy by plotting a graph between the square of amplitude and time.
4. Metre Scale - the mass of a given object by the principle of moments.
5. Young's modulus of elasticity of the material of a metallic wire.
6. Surface tension of water by capillary rise and effect of detergents,
7. Co-efficient of Viscosity of a given viscous liquid by measuring terminal velocity of a given spherical **body**,
8. Speed of sound in air at room temperature using a resonance tube,
9. Specific heat capacity of a given (i) solid and (ii) liquid by method of mixtures.
10. The resistivity of the material of a given wire using a metre bridge.
11. The resistance of a given wire using Ohm's law.
12. Resistance and figure of merit of a galvanometer by half deflection method.
13. The focal length of;
 - (i) Convex mirror
 - (ii) Concave mirror, and
 - (iii) Convex lens, using the parallax method.
14. The plot of the angle of deviation vs angle of incidence for a triangular prism.
15. Refractive index of a glass slab using a travelling microscope.
16. Characteristic curves of a p-n junction diode in forward and reverse bias.
17. Characteristic curves of a Zener diode and finding reverse break down voltage.
18. Identification of Diode. LED, Resistor. A capacitor from a mixed collection of such items.

CHEMISTRY

PHYSICAL CHEMISTRY

UNIT 1: SOME BASIC CONCEPTS IN CHEMISTRY

Matter and its nature, Dalton's atomic theory: Concept of atom, molecule, element, and compound: Laws of chemical combination; Atomic and molecular masses, mole concept, molar mass, percentage composition, empirical and molecular formulae: Chemical equations and stoichiometry.

UNIT 2: ATOMIC STRUCTURE

Nature of electromagnetic radiation, photoelectric effect; Spectrum of the hydrogen atom. Bohr model of a hydrogen atom - its postulates, derivation of the relations for the energy of the electron and radii of the different orbits, limitations of Bohr's model; Dual nature of matter, de Broglie's relationship. Heisenberg uncertainty principle. Elementary ideas of quantum mechanics, quantum mechanics, the quantum mechanical model of the atom, its important features. Concept of atomic orbitals as one-electron wave functions: Variation of Ψ and Ψ^2 with r for 1s and 2s orbitals; various

quantum numbers (principal, angular momentum, and magnetic quantum numbers) and their significance; shapes of s, p, and d - orbitals, electron spin and spin quantum number: Rules for filling electrons in orbitals – Aufbau principle. Pauli's exclusion principle and Hund's rule, electronic configuration of elements, extra stability of half-filled and completely filled orbitals.

UNIT 3: CHEMICAL BONDING AND MOLECULAR STRUCTURE

Kossel - Lewis approach to chemical bond formation, the concept of ionic and covalent bonds.

Ionic Bonding: Formation of ionic bonds, factors affecting the formation of ionic bonds; calculation of lattice enthalpy.

Covalent Bonding: Concept of electronegativity. Fajan's rule, dipole moment: Valence Shell Electron Pair Repulsion (VSEPR) theory and shapes of simple molecules.

Quantum mechanical approach to covalent bonding: Valence bond theory - its important features, the concept of hybridization involving s, p, and d orbitals; Resonance.

Molecular Orbital Theory - Its important features. LCAOs, types of molecular orbitals (bonding, antibonding), sigma and pi-bonds, molecular orbital electronic configurations of homonuclear diatomic molecules, the concept of bond order, bond length, and bond energy.

Elementary idea of metallic bonding. Hydrogen bonding and its applications.



UNIT 4: CHEMICAL THERMODYNAMICS

Fundamentals of thermodynamics: System and surroundings, extensive and intensive properties, state functions, types of processes.

The first law of thermodynamics - Concept of work, heat internal energy and enthalpy, heat capacity, molar heat capacity; Hess's law of constant heat summation; Enthalpies of bond dissociation, combustion, formation, atomization, sublimation, phase transition, hydration, ionization, and solution.

The second law of thermodynamics - Spontaneity of processes; ΔS of the universe and ΔG of the system as criteria for spontaneity. ΔG° (Standard Gibbs energy change) and equilibrium constant.

UNIT 5: SOLUTIONS

Different methods for expressing the concentration of solution - molality, molarity, mole fraction, percentage (by volume and mass both), the vapour pressure of solutions and Raoult's Law - Ideal and non-ideal solutions, vapour pressure - composition, plots for ideal and non-ideal solutions; Colligative properties of dilute solutions - a relative lowering of vapour pressure, depression of freezing point, the elevation of boiling point and osmotic pressure; Determination of molecular mass using colligative properties; Abnormal value of molar mass, van't Hoff factor and its significance.

UNIT 6: EQUILIBRIUM

Meaning of equilibrium, the concept of dynamic equilibrium.

Equilibria involving physical processes: Solid-liquid, liquid - gas and solid-gas equilibria, Henry's law. General characteristics of equilibrium involving physical processes.

Equilibrium involving chemical processes: Law of chemical equilibrium, equilibrium constants (K_p and K_c) and their significance, the significance of ΔG and ΔG° in chemical equilibrium, factors affecting equilibrium concentration, pressure, temperature, the effect of catalyst; Le Chatelier's principle.

Ionic equilibrium: Weak and strong electrolytes, ionization of electrolytes, various concepts of acids and bases (Arrhenius. Bronsted - Lowry and Lewis) and their ionization, acid-base equilibria (including multistage ionization) and ionization constants, ionization of water. pH scale, common ion effect, hydrolysis of salts and pH of their solutions, the solubility of sparingly soluble salts and solubility products, buffer solutions.

UNIT 7: REDOX REACTIONS AND ELECTROCHEMISTRY

Electronic concepts of oxidation and reduction, redox reactions, oxidation number, rules for assigning oxidation number, balancing of redox reactions.



Electrolytic and metallic conduction, conductance in electrolytic solutions, molar conductivities and their variation with concentration: Kohlrausch's law and its applications.

Electrochemical cells - Electrolytic and Galvanic cells, different types of electrodes, electrode potentials including standard electrode potential, half - cell and cell reactions, emf of a Galvanic cell and its measurement: Nernst equation and its applications; Relationship between cell potential and Gibbs' energy change: Dry cell and lead accumulator; Fuel cells.

UNIT 8: CHEMICAL KINETICS

Rate of a chemical reaction, factors affecting the rate of reactions: concentration, temperature, pressure, and catalyst; elementary and complex reactions, order and molecularity of reactions, rate law, rate constant and its units, differential and integral forms of zero and first-order reactions, their characteristics and half-lives, the effect of temperature on the rate of reactions, Arrhenius theory, activation energy and its calculation, collision theory of bimolecular gaseous reactions (no derivation).

INORGANIC CHEMISTRY

UNIT 9: CLASSIFICATION OF ELEMENTS AND PERIODICITY IN PROPERTIES

Modern periodic law and present form of the periodic table, s, p, d and f block elements, periodic trends in properties of elements atomic and ionic radii, ionization enthalpy, electron gain enthalpy, valence, oxidation states, and chemical reactivity.

UNIT 10: P- BLOCK ELEMENTS

Group -13 to Group 18 Elements

General Introduction: Electronic configuration and general trends in physical and chemical properties of elements across the periods and down the groups; unique behaviour of the first element in each group.

UNIT 11: d - and f- BLOCK ELEMENTS

Transition Elements

General introduction, electronic configuration, occurrence and characteristics, general trends in properties of the first-row transition elements - physical properties, ionization enthalpy, oxidation states, atomic radii, colour, catalytic behaviour, magnetic properties, complex formation, interstitial compounds, alloy formation; Preparation, properties, and uses of $K_2Cr_2O_7$, and $KMnO_4$.

Inner Transition Elements

Lanthanoids - Electronic configuration, oxidation states, and lanthanoid contraction. **Actinoids** - Electronic configuration and oxidation states.



UNIT 12: CO-ORDINATION COMPOUNDS

Introduction to coordination compounds. Werner's theory; ligands, coordination number, denticity. chelation; IUPAC nomenclature of mononuclear co-ordination compounds, isomerism; Bonding-Valence bond approach and basic ideas of Crystal field theory, colour and magnetic properties; Importance of co-ordination compounds (in qualitative analysis, extraction of metals and in biological systems).

ORGANIC CHEMISTRY

UNIT 13: PURIFICATION AND CHARACTERISATION OF ORGANIC COMPOUNDS

Purification - Crystallization, sublimation, distillation, differential extraction, and chromatography - principles and their applications.

Qualitative analysis - Detection of nitrogen, sulphur, phosphorus, and halogens.

Quantitative analysis (basic principles only) - Estimation of carbon, hydrogen, nitrogen, halogens, sulphur, phosphorus.

Calculations of empirical formulae and molecular formulae: Numerical problems in organic quantitative analysis,

UNIT 14: SOME BASIC PRINCIPLES OF ORGANIC CHEMISTRY

Tetravalency of carbon: Shapes of simple molecules - hybridization (s and p): Classification of organic compounds based on functional groups: and those containing halogens, oxygen, nitrogen, and sulphur; Homologous series: Isomerism - structural and stereoisomerism.

Nomenclature (Trivial and IUPAC)

Covalent bond fission - Homolytic and heterolytic: free radicals, carbocations, and carbanions; stability of carbocations and free radicals, electrophiles, and nucleophiles.

Electronic displacement in a covalent bond

- Inductive effect, electrometric effect, resonance, and hyperconjugation.

Common types of organic reactions- Substitution, addition, elimination, and rearrangement.

UNIT 15: HYDROCARBONS

Classification, isomerism, IUPAC nomenclature, general methods of preparation, properties, and reactions.

Alkanes - Conformations: Sawhorse and Newman projections (of ethane): Mechanism of halogenation of alkanes.



Alkenes - Geometrical isomerism: Mechanism of electrophilic addition: addition of hydrogen, halogens, water, hydrogen halides (Markownikoffs and peroxide effect): Ozonolysis and polymerization.

Alkynes - Acidic character: Addition of hydrogen, halogens, water, and hydrogen halides: Polymerization.

Aromatic hydrocarbons - Nomenclature, benzene - structure and aromaticity: Mechanism of electrophilic substitution: halogenation, nitration.

Friedel - Craft's alkylation and acylation, directive influence of the functional group in monosubstituted benzene.

UNIT 16: ORGANIC COMPOUNDS CONTAINING HALOGENS

General methods of preparation, properties, and reactions; Nature of C-X bond; Mechanisms of substitution reactions.

Uses; Environmental effects of chloroform, iodoform freons, and DDT.

UNIT 17: ORGANIC COMPOUNDS CONTAINING OXYGEN

General methods of preparation, properties, reactions, and uses.

ALCOHOLS, PHENOLS, AND ETHERS

Alcohols: Identification of primary, secondary, and tertiary alcohols: mechanism of dehydration.

Phenols: Acidic nature, electrophilic substitution reactions: halogenation. nitration and sulphonation. Reimer - Tiemann reaction.

Ethers: Structure.

Aldehyde and Ketones: Nature of carbonyl group; Nucleophilic addition to $>C=O$ group, relative reactivities of aldehydes and ketones; Important reactions such as - Nucleophilic addition reactions (addition of HCN. NH_3 , and its derivatives), Grignard reagent; oxidation: reduction (Wolf Kishner and Clemmensen); the acidity of α -hydrogen. aldol condensation, Cannizzaro reaction. Haloform reaction, Chemical tests to distinguish between aldehydes and Ketones.

Carboxylic Acids

Acidic strength and factors affecting it,

UNIT 18: ORGANIC COMPOUNDS CONTAINING NITROGEN

General methods of preparation. Properties, reactions, and uses.

Amines: Nomenclature, classification structure, basic character, and identification of primary, secondary, and tertiary amines and their basic character.



Diazonium Salts: Importance in synthetic organic chemistry.

UNIT 19: BIOMOLECULES

General introduction and importance of biomolecules.

CARBOHYDRATES - Classification; aldoses and ketoses: monosaccharides (glucose and fructose) and constituent monosaccharides of oligosaccharides (sucrose, lactose, and maltose).

PROTEINS - Elementary Idea of α -amino acids, peptide bond, polypeptides. Proteins: primary, secondary, tertiary, and quaternary structure (qualitative idea only), denaturation of proteins, enzymes.

VITAMINS – Classification and functions.

NUCLEIC ACIDS – Chemical constitution of DNA and RNA. Biological functions of nucleic acids.

Hormones (General introduction)

UNIT 20: PRINCIPLES RELATED TO PRACTICAL CHEMISTRY

Detection of extra elements (Nitrogen, Sulphur, halogens) in organic compounds; Detection of the following functional groups; hydroxyl (alcoholic and phenolic), carbonyl (aldehyde and ketones) carboxyl, and amino groups in organic compounds.

- The chemistry involved in the preparation of the following:

Inorganic compounds; Mohr's salt, potash alum.

Organic compounds: Acetanilide, p-nitro acetanilide, aniline yellow, iodoform.

- The chemistry involved in the titrimetric exercises – Acids, bases and the use of indicators, oxalic acid vs KMnO_4 , Mohr's salt vs KMnO_4
- Chemical principles involved in the qualitative salt analysis:

Cations – Pb^{2+} , Cu^{2+} , Al^{3+} , Fe^{3+} , Zn^{2+} , Ni^{2+} , Ca^{2+} , Ba^{2+} , Mg^{2+} , NH_4^+

Anions- CO_3^{2-} , S^{2-} , SO_4^{2-} , NO_3^- , NO_2^- , Cl^- , Br^- , I^- (Insoluble salts excluded).

Chemical principles involved in the following experiments:

1. Enthalpy of solution of CuSO_4
2. Enthalpy of neutralization of strong acid and strong base.
3. Preparation of lyophilic and lyophobic sols.
4. Kinetic study of the reaction of iodide ions with hydrogen peroxide at room temperature.



BIOLOGY

UNIT 1: Diversity in Living World

- What is living?; Biodiversity; Need for classification; Taxonomy & Systematics; Concept of species and taxonomical hierarchy; Binomial nomenclature;
- Five kingdom classification; salient features and classification of Monera; Protista and Fungi into major groups; Lichens; Viruses and Viroids.
- Salient features and classification of plants into major groups-Algae, Bryophytes, Pteridophytes, Gymnosperms (three to five salient and distinguishing features and at least two examples of each category);
- Salient features and classification of animals-nonchordate up to phyla level and chordate up to classes level (three to five salient features and at least two examples).

UNIT 2: Structural Organisation in Animals and Plants

- Morphology and modifications; Tissues; Anatomy and functions of different parts of flowering plants: Root, stem, leaf, inflorescence- cymose and racemose, flower, fruit and seed (To be dealt along with the relevant practical of the Practical Syllabus) Family (malvaceae, Cruciferae, leguminosae, compositae, graminae).
- Animal tissues; Morphology, anatomy and functions of different systems (digestive, circulatory, respiratory, nervous and reproductive) of an insect (Frog). (Brief account only)

UNIT 3: Cell Structure and Function

- Cell theory and cell as the basic unit of life; Structure of prokaryotic and eukaryotic cell; Plant cell and animal cell; Cell envelope, cell membrane, cell wall; Cell organelles structure and function; Endomembrane system-endoplasmic reticulum, Golgi bodies, lysosomes, vacuoles; mitochondria, ribosomes, plastids, micro bodies; Cytoskeleton, cilia, flagella, centrioles (ultra structure and function); Nucleus-nuclear membrane, chromatin, nucleolus.
- Chemical constituents of living cells: Biomolecules-structure and function of proteins, carbohydrates, lipids, nucleic acids; Enzymes-types, properties, enzyme action, classification and nomenclature of enzymes
- Cell division: Cell cycle, mitosis, meiosis and their significance.

UNIT 4: Plant Physiology

- Photosynthesis: Photosynthesis as a means of Autotrophic nutrition; Site of photosynthesis take place; pigments involved in Photosynthesis (Elementary idea); Photochemical and biosynthetic phases of photosynthesis; Cyclic and non-cyclic and



photophosphorylation; Chemiosmotic hypothesis; Photorespiration C3 and C4 pathways; Factors affecting photosynthesis.

- Respiration: Exchange gases; Cellular respiration-glycolysis, fermentation (anaerobic), TCA cycle and electron transport system (aerobic); Energy relations- Number of ATP molecules generated; Amphibolic pathways; Respiratory quotient.
- Plant growth and development: Seed germination; Phases of Plant growth and plant growth rate; Conditions of growth; Differentiation, dedifferentiation and redifferentiation; Sequence of developmental process in a plant cell; Growth regulators auxin, gibberellin, cytokinin, ethylene, ABA;

UNIT 5: Human Physiology

- Breathing and Respiration: Respiratory organs in animals (recall only); Respiratory system in humans; Mechanism of breathing and its regulation in humans-Exchange of gases, transport of gases and regulation of respiration Respiratory volumes; Disorders related to respiration-Asthma, Emphysema, Occupational respiratory disorders.
- Body fluids and circulation: Composition of blood, blood groups, coagulation of blood;
- Composition of lymph and its function; Human circulatory system-Structure of human heart and blood vessels; Cardiac cycle, cardiac output, ECG, Double circulation; Regulation of cardiac activity; Disorders of circulatory system-Hypertension, Coronary artery disease, Angina pectoris, Heart failure.
- Excretory products and their elimination: Modes of excretion- Ammonotelism, ureotelism, uricotelism; Human excretory system-structure and function; Urine formation, Osmoregulation; Regulation of kidney function-Renin-angiotensin, Atrial Natriuretic Factor, ADH and Diabetes insipidus; Role of other organs in excretion; Disorders; Uraemia, Renal failure, Renal calculi, Nephritis; Dialysis and artificial kidney.
- Locomotion and Movement: Types of movement- ciliary, flagellar, muscular; Skeletal muscle- contractile proteins and muscle contraction; Skeletal system and its functions (To be dealt with the relevant practical of Practical syllabus); Joints; Disorders of muscular and skeletal system-Myasthenia gravis, Tetany, Muscular dystrophy, Arthritis, Osteoporosis, Gout.
- Neural control and coordination: Neuron and nerves; Nervous system in humans central nervous system, peripheral nervous system and visceral nervous system; Generation and conduction of nerve impulse;
- Chemical coordination and regulation: Endocrine glands and hormones; Human endocrine system-Hypothalamus, Pituitary, Pineal, Thyroid, Parathyroid, Adrenal,



Pancreas, Gonads; Mechanism of hormone action (Elementary Idea); Role of hormones as messengers and regulators, Hypo-and hyperactivity and related disorders (Common

- disorders e.g. Dwarfism, Acromegaly, Cretinism, goiter, exophthalmic goiter, diabetes, Addison's disease).

(Imp: Diseases and disorders mentioned above to be dealt in brief.)

UNIT 6: Reproduction

- Sexual reproduction in flowering plants: Flower structure; Development of male and female gametophytes; Pollination-types, agencies and examples; Outbreeding devices; Pollen-Pistil interaction; Double fertilization; Post fertilization events- Development of endosperm and embryo, Development of seed and formation of fruit; Special modes apomixis, parthenocarpy, polyembryony; Significance of seed and fruit formation.
- Human Reproduction: Male and female reproductive systems; Microscopic anatomy of testis and ovary; Gametogenesis-spermatogenesis & oogenesis; Menstrual cycle; Fertilisation, embryo development upto blastocyst formation, implantation; Pregnancy and placenta formation (Elementary idea); Parturition (Elementary idea); Lactation (Elementary idea).
- Reproductive health: Need for reproductive health and prevention of sexually transmitted diseases (STD); Birth Control-Need and Methods, Contraception and Medical Termination of Pregnancy (MTP); Amniocentesis; Infertility and assisted reproductive technologies – IVF, ZIFT, GIFT (Elementary idea for general awareness).

UNIT 7: Genetics and Evolution

- Heredity and variation: Mendelian Inheritance; Deviations from Mendelism Incomplete dominance, Co-dominance, Multiple alleles and Inheritance of blood groups, Pleiotropy; Elementary idea of polygenic inheritance; Chromosome theory of inheritance; Chromosomes and genes; Sex determination-In humans, birds, honey bee; Linkage and crossing over; Sex linked inheritance-Haemophilia, Colour blindness; Mendelian disorders in humans-Thalassemia; Chromosomal disorders in humans; Down's syndrome, Turner's and Klinefelter's syndromes.
- Molecular basis of Inheritance: Search for genetic material and DNA as genetic material; Structure of DNA and RNA; DNA packaging; DNA replication; Central dogma; Transcription, genetic code, translation; Gene expression and regulation-Lac Operon; Genome and human genome project; DNA finger printing, protein biosynthesis.



- Evolution: Origin of life; Biological evolution and evidences for biological evolution from Paleontology, comparative anatomy, embryology and molecular evidence); Darwin's contribution, Modern Synthetic theory of Evolution; Mechanism of evolution Variation (Mutation and Recombination) and Natural Selection with examples, types of natural selection; Gene flow and genetic drift; Hardy-Weinberg's principle; Adaptive Radiation; Human evolution.

UNIT 8: Biology and Human Welfare

- Health and Disease; Pathogens; parasites causing human diseases (Malaria, Filariasis, Ascariasis. Typhoid, Pneumonia, common cold, amoebiasis, ring worm, dengue, chikungunya); Basic concepts of immunology-vaccines; Cancer, HIV and AIDS; Adolescence, drug and alcohol abuse. Tobacco abuse
- Microbes in human welfare: In household food processing, industrial production, sewage treatment, energy generation and as biocontrol agents and biofertilizers.

UNIT 9: Biotechnology and Its Applications

- Principles and process of Biotechnology: Genetic engineering (Recombinant DNA technology).
- Application of Biotechnology in health and agriculture: Human insulin and vaccine production, gene therapy; Genetically modified organisms-Bt crops; Transgenic Animals; Biosafety issues-Biopiracy and patents.

UNIT 10: Ecology and Environment

- Organisms and environment Population interactions-mutualism, competition, predation, parasitism; Population attributes-growth, birth rate and death rate, age distribution.
- Ecosystem: Patterns, components; productivity and decomposition; Energy flow; Pyramids of number, biomass, energy
- Biodiversity and its conservation: Concept of Biodiversity; Patterns of Biodiversity; Importance of Biodiversity; Loss of Biodiversity; Biodiversity conservation; Hotspots, endangered organisms, extinction, Red Data Book, biosphere reserves, National parks and sanctuaries, Sacred Groves.