



UTTAR PRADESH PUBLIC SERVICE COMMISSION

Advertisement No.-
A-7/E-1/2025
Date: 04.09.2025

Assistant Professor, Government Degree College Examination-2025

Date Of Commencement Of On-line Application : 04.09.2025

Last Date for Payment of Examination Fee in the Bank & Submission of On-line Application: 06.10.2025

Last Date for Correction/Modification in submitted On-line Application & Fee Reconciliation: 13.10.2025

IMPORTANT

(1) (a) It is mandatory for the candidates to make One Time Registration (O.T.R.) and obtain O.T.R. number before applying online.

(b) Those candidates who have not obtained O.T.R. number, must obtain it from commission's website <https://otr.pariksha.nic.in> 72 hours before the submission of online application.

(c) Only after obtaining O.T.R. number a candidate may submit online application through commission's website <https://uppsc.up.nic.in>.

(2) At the time of online application the candidates are directed to ensure the preservation of information regarding all the stages (i.e. O.T.R., Fee payment, Final submission, Qualification related modification/error correction etc.) in soft/hard copy for future references.

(3) It is clarified to the candidates that at the stage of preliminary examination, the hard copy of the documents and Online Application should not be sent to the commission.

(4) The candidates must send hard copy of their on-line applications and enclose self attested copies of all marksheets and certificates in support of their claims rendered in the online application when asked for. In this connection, a separate press communique shall be published in due course by the commission.

SPECIAL NOTICE :-

(a) The candidates will be entirely responsible for on-line submission of application. The application of the candidate will be accepted only after the payment of the fee in the bank till the last date of fee submission.

(b) Candidates are directed to visit the website of the commission continuously for updates regarding information/instructions. All future information/instructions will be sent to the registered mobile number and email ID as linked in O.T.R. by SMS or email.

1. IMPORTANT INFORMATION FOR CANDIDATES APPLYING ONLINE

This advertisement is available on the website of the commission <https://uppsc.up.nic.in>. 'O.T.R. BASED APPLICATION' system is applicable for applying against this advertisement. Application sent through any other medium will not be accepted. Therefore, candidates have to apply online only.

The candidates applying online are expected to go through the following instructions thoroughly and apply accordingly:- When the candidate clicks on the "ALL NOTIFICATIONS/ ADVERTISEMENTS" in the Commission's website <https://uppsc.up.nic.in>, the 'ONLINE ADVERTISEMENTS' will automatically be displayed, which has following 3 parts:-

- (i) User Instructions
- (ii) View Advertisement
- (iii) Apply

The Instructions for filling Online form have been given in "User Instructions". The candidates desirous to see the respective advertisement will have to click on "View Advertisement". Thereafter, a full advertisement will be displayed alongwith Sample Snapshots of Online Application procedure.

'Online Application' will be completed in four stages :-

First Stage:- On clicking 'Apply', 'Authenticate with O.T.R.' will be displayed with respect to the examination and on clicking 'Authenticate with O.T.R.', 'Have You Completed Your O.T.R. Registration' will be displayed, in which the candidate will have to tick 'Yes' or 'No'. If the candidate:-

(i) Ticks on 'Yes' and clicks on 'Go' button, then 'Enter your O.T.R. Number' will be displayed wherein he/she has to fill O.T.R. Number and click on 'Proceed' button. On clicking 'Proceed' button, 'Click here to Authenticate' will be displayed, clicking whereupon the candidate may authenticate through O.T.P. received on his/her registered mobile no./email ID or O.T.R. password. Having completed the process of Authentication, all personal details of the candidate (as filled in O.T.R.) will be displayed automatically. The candidate will have to fill only essential qualification as required for the post.

(ii) Ticks on 'No' and clicks on 'Go' button:- (a) First of all, the candidate has to obtain One Time Registration Number from O.T.R. Web-portal (<https://otr.pariksha.nic.in>) of the Commission. (b) After obtaining O.T.R. number the candidate will have to apply online according to the process adopted in First Stage.

Second Stage:- The First Stage procedure having been

completed the 'Applicant Dashboard' will automatically be displayed on the screen. The candidate will have to click on 'Submit Details' under 'Application Part-2' against applied post, thereafter the permanent and correspondence address along with application form will automatically be displayed on the screen from O.T.R. along with the preferential qualifications prescribed for the post. The candidate will have to choose Yes/No option against each preferential qualification.

Third Stage:- After the completion of the procedure of Second Stage, 'Fee Confirmation Window' will automatically be displayed on the screen under which upon clicking on 'Yes' option in front of 'Proceed for fee payment' Home Page of 'SBI MOPS' will be displayed comprising of 03 modes of payment:- (i) NET BANKING (ii) CARD PAYMENTS (iii) OTHER PAYMENT MODES.

After payment of the required fee by any one of the above prescribed modes, 'Payment Transaction Slip' shall be displayed alongwith detail of fee payment, the print of which must be taken by clicking on 'Printer Icon'. In the event of 'Payment Failed' the candidate has to go to 'Candidate Dashboard login' and after filling the O.T.R. number proceed to authenticate through O.T.P. or O.T.R. password and after login click on 'Pending Payment' to pay the fee, compulsorily for online application.

Note: It is mandatory to make payment in the bank of 'ONLINE APPLICATION' Process by the candidate till the last date and time fixed for it. Candidates should take a print out of the same and keep it safe.

Fourth Stage:- After completing the procedure of the Third Stage the application form of the candidate will automatically be displayed on screen, the print of which may be obtained by the candidate. The candidate will have to take the print of online application and keep it safe with himself/ herself to produce it in the office of the commission when required in case of any discrepancy, else his/her request/ claim will not be accepted. After applying, in case of any modification in the qualification of applied post, the candidate may click on 'Candidate Dashboard Login' of 'Home Page' to modify it only once till last date for correction/modification and time fixed for it.

Special Instructions

(1) The category, sub-category, domicile, gender, date of birth, E.W.S., creamy layer, name and address as claimed by the candidates till the last date/modification date of online application only will be considered valid. No representation for any change will be entertained after the last date. On fetching wrong information, the candidature will be treated as cancelled.

(2) If at any stage, it comes to the knowledge of the commission that the candidate has concealed or misrepresented any information, his/her candidature shall be rejected and proceeding to debar him/her from this examination and in future all examinations and selections and also other punitive actions shall be initiated.

(3) As per decision of the UPPSC, a candidate will be liable to be debarred from this selection and all other future examinations and selections upto a maximum period of five years for furnishing any wrong information in his/her application form which cannot be substantiated by relevant documents or for any other malpractice.

(4) If any change is to be made in the personal detail mentioned in the O.T.R. it will be mandatory to Synchronise it on the Dashboard after that change, otherwise change will not be allowed. In this regard any on-line/off-line representation will not be accepted for error correction/amendment. Incomplete application will be cursorily rejected and no correspondence will be entertained in this regard.

(5) The candidature of such candidates who are subsequently found ineligible according to the terms laid down in advertisement will be cancelled and their any claim for the examination will not be entertained. The decision of the Commission regarding candidature/selection of the candidates shall be final.

(6) The application/candidature will be rejected/cancelled, if the application form is not submitted on prescribed format, date of birth is not mentioned or wrong date of birth is mentioned, candidate is overage or underage, does not possess the minimum educational qualifications, applications received after last date and cases of no signature under declaration in the format and no correspondence/representation in this regard shall be entertained.

(7) The Commission may admit the candidates provisionally after summarily checking their applications but if it is found at any stage that applicant was not eligible or his/her application was not entertainable even at preliminary stage, his/her candidature will be rejected and if the candidate is selected and recommended by the Commission, the recommendation made by the Commission for the appointment shall be withdrawn.

(8) In the event of involvement of a candidate in the concealment of any important information, pendency of any case / criminal case, conviction, more than one husband or wife being alive, submission of facts in a distorted manner, malpractice, canvassing for candidature/selection etc, the Commission reserves the right to reject the candidature and

debar him/her from appearing in the selection in question and in all other future examinations and selections.

(9) In case the candidates present at the time of document verification do not present the required documents, it will be mandatory for them to submit the same within the period prescribed for this purpose as per the decision of the Hon'ble commission. In case the candidate does not present the required documents within the said period, the candidature of the candidate will be cancelled. If any candidate does not appear for document verification on the date prescribed for verification of original documents, assuming that he/she is not interested for the post in question, his/her candidature will be cancelled.

2. Application Fee: After completing the process of First and Second Stage in the online application process, deposit the fee category wise as per the instructions given in the Third Stage. The prescribed fee of preliminary examination for different categories is as under:-

- (i) Unreserved/Economically Weaker Sections/ Other Backward Classes - Exam fee Rs. 100/- + On-line processing fee Rs. 25/- Total = Rs. 125/-
- (ii) Scheduled Castes/ Scheduled Tribes - Exam fee Rs. 40/- + On-line processing fee Rs. 25/- Total = Rs. 65/-
- (iii) Persons with disabilities (PWDs) - Exam fee Rs. NIL/- + On-line processing fee Rs. 25/- Total = Rs. 25/-
- (iv) Ex-Servicemen - Exam fee Rs. 40/- + On-line processing fee Rs. 25/- Total = Rs. 65/-
- (v) Dependents of the Freedom Fighters/ Women/Skilled Player - According to their original category

3. The U.P. Public Service Commission shall hold a Preliminary Examination at various centres of the districts of U.P. for selecting suitable candidates for admission to the Assistant Professor, Government Degree College Main (Written) Examination-2025. The selection will be made on the basis of total marks obtained by the candidates in Main (Written) Examination and Interview. The date and centre of examination decided by the Commission will be intimated to the candidates by means of their e-Admission certificate separately.

4. No. of Vacancies:- Presently, the total number of vacancies for Assistant Professor, Government Degree College is 1253. Subject-wise/reservation-wise details of vacancies and details of PH-subcategories are available in **Appendix-4**.

Note- The number of vacancies may decrease/increase depending upon the circumstances/requirements.

Nature of the Post-Group- 'A' Gazetted.

Pay Scale- Level-10, Pay-scale (min.): 57700, Pay-scale (max.): 182400 UGC Pay Scale (AGP)

5. Reservation: The reservation for Scheduled Castes of U.P./Scheduled Tribes of U.P/ Other Backward Class candidates of U.P./Economically Weaker Section candidates of U.P. shall be admissible in accordance with the provisions of relevant Govt. Rules. Similarly, reservation for horizontal categories as Dependents of Freedom Fighters of UP, Female candidates and P.H. of U.P. shall be admissible on settlement of vacancies as per rules. Reservation for P.H. of U.P. shall be permissible for the notified/identified Posts.

Note: उ0प्र0 के समाज के दिव्यांग अभ्यर्थियों के लिए शासन द्वारा अधिसूचित (चिन्हित) किये गये पदों पर चयन के संबंध में जारी कार्यालय ज्ञाप सं0-5/2022/18/1/2008/47/का-2/2022, दिनांक-18 अप्रैल, 2022 के बिन्दु-5 (अनारक्षित रिक्तियों पर नियुक्ति) में प्राविधान निम्नानुसार किया गया है:- दिव्यांगता से ग्रस्त व्यक्तियों के लिए उपयुक्त चिन्हित किये गये पदों में दिव्यांगता से ग्रस्त व्यक्ति को किसी अनारक्षित रिक्ति पर नियुक्ति के लिए प्रतिस्पर्धा करने से मना नहीं किया जा सकता है। अर्थात् दिव्यांगता से ग्रस्त व्यक्ति को किसी अनारक्षित रिक्ति पर नियुक्त किया जा सकता है बशर्त कि पद संगत श्रेणी की दिव्यांगता से ग्रस्त व्यक्तियों के लिए चिन्हित किया गया हो।

(2) शासनादेश संख्या-39 रिट/का-2/2019, दिनांक-26 जून, 2019 द्वारा शासनादेश संख्या- 18/1/99/ का-2/ 2006, दिनांक-09 जनवरी, 2007 के प्रस्तर-4 में दिये गये प्राविधान, यह भी स्पष्ट किया जाता है कि राज्याधीन लोक सेवाओं और पदों पर सीधी भर्ती के प्रक्रम पर महिलाओं को अनुमन्य उपरोक्त आरक्षण केवल उत्तर प्रदेश की मूल निवासी महिलाओं को ही अनुमन्य है, को रिट याचिका संख्या-11039/2018 विपिन कुमार मौर्या व अन्य बनाम उत्तर प्रदेश राज्य व अन्य तथा सम्बद्ध 6 अन्य रिट याचिकाओं में मा. उच्च न्यायालय, इलाहाबाद द्वारा दिनांक- 16-01-2019 को अधिकारालीत (ULTRA VIRES) घोषित करने सम्बन्धी निर्णय के अनुपालन में शासनादेश दिनांक-09-01-2007 से प्रस्तर-04 को विलोपित किए जाने का निर्णय लिया गया है। उक्त निर्णय शासन द्वारा मा0 उच्च न्यायालय के आदेश दिनांक-16.01.2019 के विरुद्ध दायर विशेष अपील (डी) संख्या-475/2019 में मा0 उच्च न्यायालय द्वारा पारित होने वाले अन्तिम निर्णय के अधीन होगा।

(3) ई. डब्ल्यू.एस. श्रेणी के अभ्यर्थियों द्वारा उनकी श्रेणी का प्रमाण-पत्र कार्मिक अनुभाग के कार्यालय-ज्ञाप सं0-1/2019/4/1/2002/का-2/19 टी सी-11, दिनांक 18.02.2019 के अनुरूप आवेदन करने के वर्ष के पूर्व वर्ष का ही मान्य होगा।

(4) The Scheduled Caste, Scheduled Tribes, Other Backward Class, Economically Weaker Sections (E.W.S.), Dependents of Freedom Fighters, P.H. and Ex-Servicemen

candidates who are not the permanent residents of U.P. shall not be given the benefit of reservation/age relaxation.

(5) Candidates of any reserved category of U.P., if they want the benefit of reservation, must mention their category/subcategory (one or more than one, whichever) in the column related to O.T.R. because all the personal information will be automatically displayed in the application form from the O.T.R.

(6) The Candidates claiming for the benefit of reservation/age relaxation must obtain in support of their respective reserved category certificate Issued by competent authority on the proforma available in **Appendix-1** of this detailed advertisement and shall submit the same to the Commission when asked for.

(7) Candidates claiming reservation/Age relaxation in more than one category will be entitled to only one concession, whichever is more beneficial to them.

(8) In case of women candidate, the caste certificate issued from father side only will be treated valid.

(9) It is mandatory for the candidates to enclose self-attested copies of all the certificates along with the application forms in support of the claims made by them in their application forms regarding eligibility and category/ sub category when asked for, failing which their claim shall not be entertained.

6. Conditions of Eligibility: In case of Emergency Commissioned/Short Service Commissioned Officers (For age relaxation only):- In accordance with the provisions of the G.O. No. 22/10/1976-karmik-2-85, dated 30-1-1985 Emergency Commissioned/ Short Service Commissioned Officers who have not been released from Army but whose period of Army service has been extended for rehabilitation, may also apply for this examination on the following conditions:

(A) Such applicants will have to obtain a certificate of the competent authority of Army, Navy, Air Force to the effect that their period of Service has been extended for rehabilitation and no disciplinary action is pending against them.

(B) Such applicants will have to submit in due course a written undertaking that in case they are selected for the post applied for, they will get themselves released immediately from the Army Service. The above facilities will not be admissible to Emergency/ Short Service Commissioned Officers, if-

(a) he gets permanent Commission in the Army,
(b) he has been released from the Army on tendering resignation.
(c) He has been released from the Army on grounds of misconduct or physical disability or on his own request and who gets gratuity.

7. MARITAL STATUS : Male candidates who are married and have more than one wife living and female candidates who have married a person already having a wife, shall not be eligible unless the Hon'ble Governor has granted exemption from this condition.

8. ACADEMIC QUALIFICATIONS- For the disciplines of **Botany, Chemistry, Commerce, Economics, Education, English, Geography, Hindi, History, Home Science, Mathematics, Military Science (Defence Studies), Philosophy, Physical Education, Physics, Political Science, Psychology, Sanskrit, Sociology, Urdu, Zoology, Statistics, Computer Science and Persian :-**

Eligibility (A or B): A. (i) A Master's degree with 55% marks (or an equivalent grade in a point-scale wherever the grading system is followed) in a concerned/ relevant/allied subject from an Indian University, Or an equivalent degree from an accredited foreign university.

नोट- किसी प्रत्यायित विदेशी विश्वविद्यालय से समतुल्य निष्णात उपाधि का अर्थ (1) क्वैकवेरेली सायमंड (क्यूएस) (2) दि टाइम्स हायर एजुकेशन (टीएचई) अथवा (3) शंघाई जियाओ टोंग यूनिवर्सिटी (शंघाई) के विश्व के विश्वविद्यालयों की शैक्षणिक रैंकिंग (एआरडब्ल्यू) द्वारा सम्पूर्ण विश्व में विश्वविद्यालय रैंकिंग में विश्व के शीर्षतम 500 रैंक वाले विदेशी विश्वविद्यालय/संस्थान (किसी भी समय) से प्राप्त स्नातकोत्तर उपाधि से है।

(ii) Besides fulfilling the above qualifications, the candidate must have cleared the National Eligibility Test (NET) conducted by the UGC or the CSIR, or a similar test accredited by the UGC, like SLET/SET or who are or have been awarded a Ph.D. Degree in accordance with the University Grants Commission (Minimum Standards and Procedure for Award of M.Phil./Ph.D. Degree) Regulations, 2009 or 2016 and their amendments from time to time as the case may be exempted from NET/SLET/SET: *Provided*, the candidates registered for the Ph.D. programme prior to July 11, 2009, shall be governed by the provisions of the then existing Ordinances/Bye-laws/Regulations of the Institution awarding the degree and such Ph.D. candidates shall be exempted from the requirement of NET/SLET/SET for recruitment and appointment of Assistant Professor or equivalent positions in Universities/ Colleges/ Institutions subject to the fulfillment of the following conditions:-

a) The Ph.D. degree of the candidate has been awarded in a regular mode; b) The Ph.D. thesis has been evaluated by at least two external examiners; c) An open Ph.D. viva voce of the candidate has been conducted; d) The Candidate has published two research papers from his/her Ph.D. work, out of which at least one is in a referred journal; e) The candidate has presented at least two papers based on his/her Ph.D. work in conferences/seminars sponsored/funded/supported by the UGC/ICSSR/CSIR or any similar agency.

The fulfillment of these conditions is to be certified by the Registrar or the Dean (Academic Affairs) of the University concerned.

Note: NET/SLET/SET shall also not be required for such Masters Programmes in disciplines for which NET/ SLET/ SET is not conducted by the UGC, CSIR or similar test accredited by the UGC, like SLET/SET. **OR**

B. The Ph.D degree has been obtained from a foreign university/institution with a ranking among top 500 in the World University Ranking (at any time) by any one of the following: (i) Quacquarelli Symonds (QS) (ii) the Times Higher Education (THE) or (iii) the Academic Ranking of

World Universities (ARWU) of the Shanghai Jiao Tong University (Shanghai).

For the discipline of Drawing and Painting, Music Gayan, Music Vadan-Sitar and Music Vadan-Tabla:-

Eligibility (A or B): A. (i) Master's Degree with 55% marks (or an equivalent grade in a point scale wherever grading system is followed) in the relevant subject or an equivalent degree from an Indian/ foreign University. **(ii)** Besides fulfilling the above qualifications, the candidate must have cleared the National Eligibility Test (NET) conducted by the UGC, CSIR or similar test accredited by the UGC like SLET/SET or who are or have been awarded a Ph.D. Degree in accordance with the University Grants Commission (Minimum Standards and Procedure for Award of M.Phil./Ph.D. Degree) Regulations, 2009 or 2016 and their amendments from time to time as the case may be.

Provided further, candidates registered for the Ph.D. programme prior to July 11, 2009, shall be governed by the provisions of the then existing Ordinances/Bye-laws/Regulations of the Institutions awarding the degree and such Ph.D. candidates shall be exempted from the requirement of NET/SLET/SET for recruitment and appointment of Assistant Professor or equivalent positions in Universities/ Colleges/Institutions subject to the fulfilment of the following conditions: a) Ph.D. degree has been awarded to the candidate in a regular mode b) The Ph.D. thesis has been evaluated by at least two external examiners; c) An open Ph.D. viva voce of the candidate had been conducted; d) candidate has published two research papers from his/ her Ph.D. work, out of which, at least one is in a referred Journal; e) The candidate has presented at least two research papers based on his/her Ph.D. work in conferences/seminars supported/funded/sponsored by the UGC/ AICTE/ICSSR or any other similar agency.

Note 1: The fulfilment of these conditions is to be certified by the Registrar or the Dean (Academic Affair) of the University concerned.

Note 2: The clearance of NET/ SLET/SET shall also not be required for such Masters Programmes in disciplines for which NET/ SLET/SET is not conducted by the UGC, CSIR or similar test accredited by the UGC (like SLET/SET). **OR**

B. A traditional or a professional artist with highly commendable professional achievement in the subject concerned having a Bachelor's degree, who has: i) studied under a noted/ reputed traditional Master(s)/Artist(s) ii) Has been 'A' grade artist of AIR/Doordarshan; iii) Has the ability to explain, with logical reasoning the subject concerned; and iv) Has adequate knowledge to teach theory with illustrations in the discipline concerned.

Note:- 1. A minimum of 55% marks (or an equivalent grade in a point-scale, wherever the grading system is followed) at the Master's level shall be the essential qualification for direct recruitment.

(i) A relaxation of 5% shall be allowed at the Bachelor's as well as at the Master's level for the candidates belonging to Scheduled Caste/Scheduled Tribe/Other Backward Classes (OBC)(Non-creamy Layer)/Differently-abled ((a) Blindness and low vision; (b) Deaf and Hard of Hearing; (c) Locomotor disability including cerebral palsy, leprosy cured, dwarfism, acid-attack victims and muscular dystrophy; (d) Autism, intellectual disability, specific learning disability and mental illness; (e) Multiple disabilities from amongst persons under (a) to (d) including deaf-blindness) for the purpose of eligibility and assessing good academic record for direct recruitment. The eligibility marks of 55% marks (or an equivalent grade in a point scale wherever the grading system is followed) and the relaxation of 5% to the categories mentioned above are permissible, based only on the qualifying marks without including any grace mark procedure.

2. A relaxation of 5% shall be provided, (from 55% to 50% of the marks) to the Ph.D. Degree holders who have obtained their Master's Degree prior to 19 September, 1991.

3. A relevant grade which is regarded as equivalent of 55%, wherever the grading system is followed by a recognized university, at the Master's level shall also be considered valid.

शैक्षिक अर्हता के सम्बन्ध में अन्तः सम्बद्ध विषय/समकक्ष विषय :-

क्र.सं.	विषय का नाम	अन्तः सम्बद्ध विषय
1	हिन्दी	भाषा विज्ञान
2	उर्दू	कोई नहीं
3	अंग्रेजी	1- भाषा विज्ञान, 2- अप्लाईड अंग्रेजी
4	संस्कृत	संस्कृत में निष्णात उपाधि / सम्पूर्णानन्द संस्कृत विश्वविद्यालय से संस्कृत में आचार्य की उपाधि।
5	कला / चित्रकला / ड्राइंग एवं पेंटिंग	कोई नहीं
6	संगीत (गायन)	कोई नहीं
7	संगीत (सितार / वादन)	कोई नहीं
8	संगीत (तबला)	कोई नहीं
9	इतिहास	1- आधुनिक इतिहास, 2- मध्यकालीन इतिहास 3- प्राचीन इतिहास, 4- पुरातत्व
10	भूगोल	कोई नहीं
11	मनोविज्ञान	कोई नहीं
12	शिक्षाशास्त्र	Master of Education (M.Ed.)
13	दर्शनशास्त्र	कोई नहीं
14	समाजशास्त्र	सोशल वर्क
15	अर्थशास्त्र	व्यवहारिक अर्थशास्त्र
16	राजनीतिशास्त्र	1- लोक प्रशासन, 2- अन्तर्राष्ट्रीय सम्बन्ध
17	शारीरिक शिक्षा	एम.पी.ए.एड./ एम.पी.ई.
18	सैन्य विज्ञान / सैन्य अध्ययन	रक्षा एवं सैन्य विज्ञान
19	गृह विज्ञान	1- फूड एण्ड न्यूट्रीशन, 2- क्लाइमिंग टेक्स्टाइल्स, 3- ह्यूमन डेवेलपमेन्ट, 4- फॅमिली रिसोर्सेस मैनेजमेन्ट

20	वाणिज्य	1- Business administration and management व्यावसायिक प्रशासन एवं प्रबन्ध 2- Accountancy and Business statistics लेखाशास्त्र एवं व्यावसायिक सांख्यिकी 3- Economic administration and Financial management आर्थिक प्रशासन एवं वित्तीय प्रबन्ध
21	रसायन विज्ञान	1- व्यावहारिक रसायनशास्त्र / कार्बनिक / अकार्बनिक रसायन, 2- फार्मास्यूटिकल
22	वनस्पति विज्ञान	Plant Science, Bio-Technology, Microbiology, Plant Bio-Technology, Biochemistry, Marine Bio-Technology, Genetics, Environmental Science and Life Sciences.
23	प्राणि विज्ञान (Zoology)	Animal Science, Microbiology, Molecular & Human Genetics, Environmental Science, Fisheries and Life Sciences.
24	गणित	कोई नहीं
25	भौतिकी	व्यावहारिक भौतिकी
26	सांख्यिकी	कोई नहीं
27	कम्प्यूटर विज्ञान	कोई नहीं
28	पर्सियन	कोई नहीं

Preferential qualification:- A candidate who has:-

(i) Served in the territorial Army for a minimum period of two years, or (ii) Obtained a 'B' certificate of the National Cadet Corps. (iii) Shown high proficiency in debates, seminars, games and sports and other co-curricular activities indicating ability to participate with credit in campus programmes of a College shall, other things being equal, be given preference in the matter of direct recruitment.

Relevant Service Rules/Regulations of the above mentioned posts

- The Uttar Pradesh Higher Education (Group-A) Service Rules, 1985 (as amended)
- The Uttar Pradesh Higher Education Services Commission (Procedure for Selection of Teachers) Regulations, 2014
- UGC Regulations on Minimum Qualifications for Appointment of Teachers and Other Academic Staff in Universities and Colleges and Measures for the Maintenance of Standards in Higher Education, 2018 (as amended)

9. AGE LIMIT: (i) Candidates must have attained the age of 21 years and must not have crossed the age of 40 years on July 1, 2025 i.e. they must have not been born earlier than 2nd July, 1985 and not later than July 1, 2004. For PH candidates, the maximum age limit is 55 years i.e. they must have not been born before 02 July, 1970.

(ii) **Relaxation in Upper Age Limit:** (a) Upper age limit shall be greater by five years for candidates belonging to Scheduled Castes of U.P., Scheduled Tribes of U.P., Other Backward Classes of U.P., State Govt. Employees of U.P. including Teachers/Staff of the Basic Shiksha Parishad of U.P. and Teachers/Staff of the Government Aided Madhyamik Vidyalayas of U.P. i.e. they must have not been born before 2nd July, 1980. (b) Upper age limit shall be greater by fifteen years for physically handicapped persons of U.P. (c) Upper age limit shall also be greater by three years + period of service rendered in Army for the Emergency Commissioned Officers/Short service Commissioned Officers/Ex-Army Personnel of U.P.

10. SOME INFORMATION ABOUT MAIN (WRITTEN) EXAMINATION: (i) Only such candidates will be admitted to the Main (written) examination who are declared successful in Preliminary Examination for which the successful candidates will have to fill up another application form according to instructions of the Commission and for this application, the examination fee for Unreserved (General), Economically weaker sections, Other Backward Classes and for Candidates of Other States is Rs. 200/- and Rs. 25/- as on-line processing fee = Rs. 225/- and for Scheduled Caste and Scheduled Tribe candidates of U.P. the fee is Rs. 80/- and Rs. 25/- as on-line processing fee = Rs. 105/-. The candidates of Physically Handicapped category of U.P. are exempted from fee but they have to pay Rs. 25/- only as on-line processing fee, Candidates of Ex-Army Personnel of U.P. Exam Fees is Rs. 80/- and Rs. 25/- as on-line processing fees = Rs. 105/- only but the candidates of D.F.F. of U.P., women candidates and skilled players of U.P. shall have to deposit their fees according to their original category. (ii) Candidates should carefully note that they will have to appear in the main examination against the same Roll No. allotted for the Preliminary Examination. (iii) The dates and venue for the Main examinations shall be informed by the Commission later on through e-Admit Cards. (iv) Candidates serving under the Central or State Government will have to produce 'No Objection Certificate' from their employer issued by the competent authority.

NOTE: The candidates must enclose self attested copies of all certificates in support of their claims rendered in the application form for main examination. If they do not enclose self attested copies of all certificates in support of their claims, their candidature shall be cancelled.

11. IMPORTANT INSTRUCTIONS FOR CANDIDATES:

(1) The date of birth of the candidates shall be admissible as entered in High School Certificate. The candidate will have to attach his/her High School or equivalent examination certificate with the application form. No other certificate shall be acceptable for Date of Birth and if it is not attached with the application form, it shall be rejected.

(2) The candidates will have to enclose self attested copies of Mark sheets, Certificates & Degrees along with the application form of Main examination in support of their claims of Educational Qualifications. If they do not enclose self attested copies of certificates/ documents in support of

their claims, the application shall be rejected.

(3) The benefit of reservation to the categories of Physically Handicapped persons of society shall be given only on the posts which shall be identified by the Government for their Sub category. For this benefit, the Handicapped persons must produce a certificate of being handicapped in that Sub category issued by prescribed Medical Officer/ Specialist and counter signed by the Chief Medical Officer according to U.P. Public Service (Reservation for Physically Handicapped, Dependent of Freedom Fighters and Ex-Servicemen) (Amendment) Act, 2021.

(4) The Ex-Army personnels must be discharged from army upto the last date prescribed for receipt of applications.

(5) Date, time and venue etc. of examination along with Roll No. will be communicated to the candidates through e-Admit Cards, Candidates will have to appear at the centre/venue allotted to them by the Commission. No change in centre/venue is permissible and no application shall be entertained in this regard.

(6) The Commission reserves the right of cancelling the candidature of any candidate found indulging in any malpractice i.e. copying in examination hall or indiscipline, misbehaviour or canvassing for his/her candidature. On violation of these instructions, the candidates may be debarred from this examination as well as future examinations and selections. In this regard, decision of the commission shall be final. The Provisions of Uttar Pradesh Examination (Prevention of Unfair Means) Act, 2024 Dated August 6, 2024 will be applicable in aforesaid examination.

(7) In all communication to the Commission, the candidate must mention the name of examination, advertisement No., O.T.R. Number, Application ID, Name of the candidate, date of birth, father's/Husband's name and also the Roll Number, if communicated.

(8) Candidates selected for appointment will have to undergo Medical Examination as required under the Rules.

(9) On the basis of the result of Preliminary Examination, fifteen times candidates to the number of vacancies shall be declared successful for the main examination.

(10) The candidates who are appearing in the Examination of essential qualification prescribed for the post need not apply, because they are not eligible.

(11) While filling the OMR answer sheets, the candidates must use Black Ball Point Pen Only. Use of any other Pen or Pencil is strictly prohibited.

(12) At the time of examination, candidates must fill all the information sought on the OMR Answer Sheet correctly by blackening the concerned circles, which are decipherable by the scanner machine. The Commission will evaluate OMR Answer Sheet only on the basis of information given by blackening the concerned circles of OMR Answer Sheet. The candidates are also directed not to use whitener, blade, pin or rubber etc. on the OMR Answer Sheet. In case of not blackening the circles properly in the OMR Answer Sheet and/or filling any information incorrectly, the Commission shall not evaluate such OMR Answer Sheet for which candidates themselves shall be wholly responsible.

(13) As per the decision of Hon'ble Commission, the Answer Sheet used in objective examinations, will be in three copies: First copy Original copy-Pink, Second copy Preserved copy-Green and Third copy Candidate's copy-Blue. After completion of the examination, the invigilator will submit the Original copy and Preserved copy of OMR Answer Sheet; and the candidate will take the Third copy (Candidate's copy-Blue) with him/her.

(14) In the Preliminary Examination for the objective type Question papers, penalty (Negative Marking) shall be imposed for wrong answers given by the candidates which is below:-

(i) There are four alternatives for the answer to every question. For each question for which a wrong answer has been given by the candidate, one third (0.33) of the marks assigned to that question will be deducted as penalty. (ii) If a candidate gives more than one answer, it will be treated as a wrong answer even if one of the given answer happens to be correct and there will be same penalty as above for that question. (iii) If a question is left blank i.e. no answer is given by the candidate, there will be no penalty for that question.

(15) The minimum efficiency standard for S.C. and S.T. candidates is fixed 35% i.e. the Candidates of these Categories shall not be placed in the merit/select list if they have secured less than 35% marks in the Preliminary/Main examination. Similarly, the minimum efficiency standard for the candidates of other categories is fixed 40% i.e. such candidates shall not be placed in the merit/select list if they have secured less than 40% marks in the Preliminary/Main examination. All such candidates who have secured less marks than the marks of minimum efficiency standard as fixed by the Commission shall be treated disqualified.

(16) The candidates of reserved categories will be adjusted against the unreserved category in the final selection only if he/she has not availed any benefit/concession in qualifying standard at any stage of Preliminary/Main examination.

(17) If it is found that a candidate has submitted any forged documents, he/she will be debarred from all selections of UPPSC forever and action under relevant sections of Bharatiya Nyaya Sanhita will also be taken against him/her.

(18) The Candidates whose candidature are cancelled, do not remain candidates after the cancellation of candidature, therefore the marks of such candidates shall not be provided.

GENERAL INSTRUCTIONS

1. In no circumstances, applications of any stage shall be accepted after the last prescribed date and time. Applications found without requisite information and without photograph and signature, even when received in time may be summarily rejected.

2. In the On-line system, the candidates must ensure that all the requisite information have been duly filled and must submit by the last prescribed Date & Time. Candidates must take the Print and keep it safely. In any discrepancy, the candidates will have to produce the said print to the commission's office otherwise no request shall be entertained.

3. Those candidates, willing to take the benefit of the reservation/age relaxation must obtain a certificate, issued by the competent authority, in support of the reserved category, in the prescribed format printed in this detailed advertisement (Appendix-1) and submit the same to the Commission, whenever required to do so. Candidate claiming more than one reservation/age relaxation will be given only one such concession, which will be more beneficial. The Candidates who are not originally domicile of U.P. belonging to SC, ST, O.B.C., E.W.S., dependents of freedom fighters, Ex-Servicemen and P.H. are not entitled to the benefit of reservation/age relaxation. In case of the women candidates, the caste certificate Issued from father side only will be treated valid.

4. The Commission do not advise to candidates about their eligibility. Therefore, they should carefully read the advertisement and when satisfied about their eligibility as per conditions of the advertisement, only then apply. The candidates must possess all the requisite qualifications till the last date for submitting the applications.

5. In the category of dependents of the freedom fighters only sons, daughters, grandsons (Son's son/Daughter's son) and granddaughters (son's daughter/daughter's daughter, married/ unmarried) are covered. It is advised that the candidates of aforesaid category must obtain the reservation certificate from the District Magistrate in terms of Govt. Order No. 453/79-V-1-15-1(ka) 14-2015, dated 07.04.2015 in the prescribed format and submit the same.

6. In case the candidates feel any problem in the "On-line Application", they may get their problem resolved by sending their queries to the 'Mail Box' of the commission.

7. The proforma of caste certificates for different reserved categories are given in Appendix-1. The Plan of examination for Assistant Professor, Government Degree College Examination-2025 is given in Appendix-2; the Syllabus for Preliminary Examination and Main (Written) Examination is given in Appendix-3; and details of subject-wise/reservation-wise vacancies and PH-subcategories are given in Appendix-4.

Detailed Application Form:

At the online page there is a 'Declaration' for the candidates. Candidates are advised to go through the contents of the Declaration carefully. Candidate has the option to either agree or disagree with the contents of Declaration by clicking on 'I Agree' or 'I do not agree' buttons. In case the candidate opts to 'I do not agree', the application procedure will be terminated. Acceptance of 'I Agree' only will make submission of the candidate's Online Application.

Notification Details

This section shows information relevant to Notification i.e. Notification type, directorate/ department name and post name.

Personal Details from OTR

This section shows information about candidate's personal details i.e. candidate's name, Father/Husband's name, Gender, D.O.B., UP domicile, Category status, email and contact number, photo & signature, address, Freedom fighter of U.P., Ex-Servicemen of U.P., Service duration, P.H., Skilled Player and Outstanding sports person of U.P., Debarred candidates.

Education & Experience Details

It shows your educational and experience details.

Declaration segment

At the page there is a 'Declaration' for the candidates. Candidates are expected to go through the contents of the Declaration carefully. After filling all above particulars there is provision for preview the detailed submitted application form on clicking Preview button. Preview page will display all facts/particulars that you have mentioned in on-line application form. Being satisfied with filled details click on "Submit" button finally and get the print of submitted application form.

[CANDIDATES ARE ADVISED TO TAKE A PRINT OF THIS PAGE BY CLICKING ON THE "Print" OPTION AVAILABLE]

For other Information candidates are advised to select desired option in the Commission's website <https://uppsc.up.nic.in>

IMPORTANT ANNOUNCEMENT NOTIFICATIONS/ADVERTISEMENTS

• All Notifications/Advertisements ONLINE APPLICATION FORMS SUBMISSION

- Candidate Registration
- Fee Deposition /Reconciliation
- Submit Application Form
- Modify Submitted Application
- Candidate Dashboard (OTR Based)

CANDIDATE'S HELP DESK SECTION

- Double Verification mode
- View Application Status
- Download Admit Card
- Print Duplicate Registration Slip
- Print Detailed Application Form
- List of Applications Having any Objections
- Know your OTR number
- View Answer Key

LAST DATE FOR RECEIPT OF APPLICATIONS : On-line Application process must be completed (including filling up of OTR, Part-I, Part-II and Part-III of the Form) before last

date of form submission according to Advertisement, after which the web-link will be disabled.

Appendix-1

(प्रारूप-I)

उ0प्र0 की अनुसूचित जाति तथा अनुसूचित जनजाति के लिये जाति प्रमाण-पत्र

प्रमाणित किया जाता है कि श्री/श्रीमती/कुमारी सुपुत्र/ सुपुत्री श्री निवासी ग्राम तहसील नगर जिला उत्तर प्रदेश राज्य की जाति के व्यक्ति हैं जिसे संविधान (अनुसूचित जाति) आदेश, 1950 (जैसा कि समय-समय पर संशोधित हुआ) / संविधान (अनुसूचित जनजाति, उत्तर प्रदेश) आदेश, 1967 के अनुसार अनुसूचित जाति / अनुसूचित जनजाति के रूप में मान्यता दी गई है। श्री/श्रीमती/कुमारी तथा/अथवा उनका परिवार उत्तर प्रदेश के ग्राम तहसील नगर जिला में सामान्यतया रहता है।

स्थान हस्ताक्षर दिनांक पूरा नाम मुहर पद नाम जिलाधिकारी/अतिरिक्त जिलाधिकारी/सिटी मजिस्ट्रेट/परगना मजिस्ट्रेट/तहसीलदार/अन्य वेतन भोगी मजिस्ट्रेट, यदि कोई हो/ जिला समाज कल्याण अधिकारी।

(प्रारूप-II)

उत्तर प्रदेश के अन्य पिछड़े वर्ग के लिए जाति प्रमाण-पत्र

प्रमाणित किया जाता है कि श्री/श्रीमती/कुमारी सुपुत्र/ सुपुत्री निवासी तहसील नगर जिला उत्तर प्रदेश राज्य की पिछड़ी जाति के व्यक्ति हैं। यह जाति उ0प्र0 लोक सेवा (अनुसूचित जातियों, अनुसूचित जनजातियों और अन्य पिछड़े वर्गों के लिये आरक्षण) अधिनियम, 1994 (यथासंशोधित) की अनुसूची-एक के अन्तर्गत मान्यता प्राप्त है।

यह भी प्रमाणित किया जाता है कि श्री/श्रीमती/कुमारी पूर्वोक्त अधिनियम, 1994 (यथासंशोधित) की अनुसूची-दो जैसा कि उ0प्र0 लोक सेवा (अनुसूचित जातियों, अनुसूचित जनजातियों और अन्य पिछड़े वर्गों के लिये आरक्षण) (संशोधन) अधिनियम, 2001 द्वारा प्रतिस्थापित किया गया है एवं जो उ0प्र0 लोक सेवा (अनुसूचित जातियों, अनुसूचित जनजातियों और अन्य पिछड़े वर्गों के लिये आरक्षण) (संशोधन) अधिनियम, 2002 द्वारा संशोधित की गयी है, से आच्छादित नहीं है। इनके माता-पिता की निरंतर तीन वर्ष की अवधि के लिये सकल वार्षिक आय आठ लाख रुपये या इससे अधिक नहीं है तथा इनके पास धनकर अधिनियम, 1957 में यथा विहित छूट सीमा से अधिक सम्पत्ति भी नहीं है।

श्री/श्रीमती/कुमारी तथा/अथवा उनका परिवार उत्तर प्रदेश के ग्राम तहसील नगर जिला में सामान्यतया रहता है।

स्थान हस्ताक्षर दिनांक पूरा नाम मुहर पद नाम जिलाधिकारी/अतिरिक्त जिलाधिकारी/सिटी मजिस्ट्रेट/परगना मजिस्ट्रेट/तहसीलदार।

(प्रपत्र-I)

उत्तर प्रदेश सरकार

कार्यालय का नाम.....

आर्थिक रूप से कमजोर वर्ग के सदस्य द्वारा प्रस्तुत किया जाने वाला आय एवं परिसम्पत्ति प्रमाण-पत्र

प्रमाण पत्र संख्या..... दिनांक

वित्तीय वर्ष के लिए मान्य

प्रमाणित किया जाता है कि श्री/श्रीमती/कुमारी पुत्र/पति/पुत्री ग्राम/करबा पोस्ट ऑफिस थाना तहसील जिला राज्य पिन कोड के स्थायी निवासी हैं, जिनका फोटोग्राफ नीचे, अभिप्रमाणित है, आर्थिक रूप से कमजोर वर्ग के सदस्य हैं, क्योंकि वित्तीय वर्ष में इनके परिवार की कुल वार्षिक आय 8 लाख (आठ लाख रुपये मात्र) से कम है। इनके परिवार के स्वामित्व में निम्नलिखित में से कोई भी परिसम्पत्ति नहीं है:-

- 5 (पाँच) एकड़ कृषि योग्य भूमि अथवा उससे ऊपर।
- एक एकड़ वर्ग फीट अथवा इससे, अधिक क्षेत्रफल का फ्लैट।
- अधिसूचित नगरपालिका के अंतर्गत 100 वर्ग गज अथवा इससे अधिक का आवासीय भूखण्ड।
- 200 वर्ग गज अथवा इससे अधिक का आवासीय भूखण्ड।

2. श्री/श्रीमती/कुमारी जाति के सदस्य हैं जो अनुसूचित जाति, अनुसूचित जनजाति तथा अन्य पिछड़े वर्गों के रूप में अधिसूचित नहीं हैं।

आवेदक का हस्ताक्षर (कार्यालय का मुहर सहित) पासपोर्ट साइज पूरा नाम का अभिप्रमाणित पदनाम फोटोग्राफ जिलाधिकारी/अतिरिक्त जिलाधिकारी/सिटी मजिस्ट्रेट/परगना मजिस्ट्रेट/तहसीलदार।

(प्रपत्र-II)

आर्थिक रूप से कमजोर वर्ग के लाभार्थ स्वयं घोषणा पत्र

स्वयं घोषणा पत्र

मैं पुत्र/पुत्री/पत्नी ग्राम/करबा पोस्ट ऑफिस थाना ब्लॉक तहसील जिला राज्य ने आर्थिक रूप से कमजोर वर्ग के प्रमाण पत्र हेतु आवेदन दिया है, एतद द्वारा घोषणा करता/करती हूँ।

1. मैं जाति से सम्बन्ध रखता/रखती हूँ, जो उत्तर प्रदेश हेतु अधिसूचित अनुसूचित जाति, अनुसूचित जनजाति, एवं अन्य पिछड़ा वर्ग की सूची में सूचीबद्ध नहीं है।

2. मेरे परिवार की कुल श्रोतों (वेतन, कृषि, व्यवसाय, पेशा इत्यादि) से कुल वार्षिक आय रु (शब्दों में) है।

3. मेरे परिवार के पास उल्लिखित आय के सिवाय अथवा इसके अतिरिक्त अन्यत्र कोई परिसम्पत्ति नहीं है।

अथवा

कई स्थानों पर स्थित परिसम्पत्तियों को जोड़ने के पश्चात भी मैं (नाम) आर्थिक रूप से कमजोर वर्ग के दायरे में आता/आती हूँ।

4. मैं घोषणा करता/करती हूँ कि मेरे परिवार की सभी परिसम्पत्तियों को जोड़ने के पश्चात् निम्नलिखित में से किसी भी सीमा से अधिक नहीं है।

I. 5 (पाँच) एकड़ कृषि योग्य भूमि अथवा उससे ऊपर।

II. एक एकड़ वर्ग फीट अथवा इससे, अधिक क्षेत्रफल का फ्लैट।

III. अधिसूचित नगरपालिका के अंतर्गत 100 वर्ग गज अथवा इससे अधिक का आवासीय भूखण्ड।

IV. अधिसूचित नगरपालिका से इतर 200 वर्ग गज अथवा इससे अधिक का आवासीय भूखण्ड।

मैं प्रमाणित करता/करती हूँ कि मेरे द्वारा उपरोक्त जानकारी मेरे ज्ञान और विश्वास के अनुसार सत्य है और मैं आर्थिक रूप से कमजोर वर्ग के लिए आरक्षण सुविधा प्राप्त करने हेतु पात्रता धारण करता/करती हूँ। यदि मेरे द्वारा दी गई जानकारी असत्य/गलत पायी जाती है तो मैं पूर्ण रूप से जानता हूँ/जानती हूँ कि इस आवेदन पत्र के आधार पर दिये गये प्रमाण पत्र के द्वारा शैक्षणिक संस्थान में लिया गया प्रवेश/लोक सेवाओं एवं पदों में प्राप्त की गई नियुक्ति निरस्त कर दी जायेगी/कर दिया जायेगा अथवा इस प्रमाण पत्र के आधार पर कोई अन्य सुविधा/लाभ प्राप्त किया गया है उससे भी वंचित किया जा सकेगा और इस सम्बन्ध में विधि एवं नियमों के अधीन मेरे विरुद्ध की जाने वाली कार्यवाही के लिए मैं उत्तरदायी रहूँगा/रहूँगी।

नोट:- जो लागू नहीं हो उसे काट दें।
स्थान :- आवेदक/ आवेदिका का हस्ताक्षर तथा पूरा नाम।

Form-II
Certificate of Disability
(In cases of amputation or complete permanent paralysis of limbs or dwarfism and in case of blindness) (Name and Address of the Medical Authority issuing the Certificate)

Recent passport size attested photograph (showing face only) of the person with disability

Certificate No. _____ **Date:** _____
This is to certify that I have carefully examined Shri/Smt./Kum. _____ son/wife/daughter of Shri _____ Date of Birth (DD/MM/YY) _____ Age _____ years, male/ female _____ Registration No. _____ permanent resident of House No. _____ Ward/Village/Street _____ Post office _____ District _____ State _____ whose photograph is affixed above, and am satisfied that:
(A) he/she is a case of:
= locomotor disability
= dwarfism
= blindness
(Please tick as applicable)
(B) The diagnosis in his/her case is _____
(A) he/she has _____% (in figure) _____ percent (in words) permanent locomotor disability/dwarfism/blindness in relation to his/her _____ (part of body) as per guidelines (.....number and date of issue of the guidelines to be specified).
2. The applicant has submitted the following document as proof of residence:-

Nature of Document	Date of Issue	Details of authority issuing certificate

3. Signature and seal of the Medical Authority.
(Dr.....) (Dr.....) (Dr.....)
Member Member Chairperson
Medical Board Medical Board Medical Board
with seal with seal with seal

Signature/thumb impression of the person in whose favour certificate of disability is issued
Countersigned by the Chief Medical Officer (with seal)

Form-III
Certificate of Disability
(In cases of multiple disabilities)
(Name and Address of the Medical Authority/Board issuing the Certificate)

Recent passport size attested photograph (showing face only) of the person with disability

Certificate No. _____ **Date:** _____
This is to certify that we have carefully examined Shri/Smt./Kum. _____ son/wife/daughter of Shri _____ Date of birth (DD/MM/YY) _____ age _____ years, male/ female _____ Registration No. _____ permanent resident of House No. _____ Ward/Village/Street _____ Post Office _____ District _____ State _____ whose photograph is affixed above, and am satisfied that:
(A) he/she is a case of Multiple Disability. His/her extent of

S. N.	Disability	Affected part of body	Diagnosis	Permanent physical impairment/ mental disability (in%)
1.	Locomotor disability	@		
2.	Muscular Dystrophy			
3.	Leprosy cured			
4.	Dwarfism			
5.	Cerebral Palsy			
6.	Acid attack Victim			
7.	Low Vision	#		
8.	Blindness	#		
9.	Deaf	£		
10.	Hard of Hearing	£		
11.	Speech and Language disability			
12.	Intellectual Disability			
13.	Specific Learning Disability			
14.	Autism Spectrum Disorder			
15.	Mental illness			
16.	Chronic Neurological Conditions			
17.	Multiple sclerosis			
18.	Parkinson's disease			
19.	Haemophilia			
20.	Thalassemia			
21.	Sickle Cell disease			

permanent physical impairment/disability has been evaluated as per guidelines (.....number and date of issue of the guidelines to be specified) for the disabilities ticked below, and is shown against the relevant disability in the (B) In the light of the above, his/her over all permanent physical

impairment as per guidelines (.....number and date of issue of the guidelines to be specified), is follows:
In figures.....percent.
In words.....percent
2. This condition is progressive/non-progressive/likely to improve/not likely to improve.
3. Reassessment of disability is:-
(i) not necessary, or
(ii) is recommended/ after..... years..... months, and therefore this certificate shall be valid till.... (DD) (MM) (YY)
@ -e.g. Left/right/both arms/legs
- e.g. Single eye
£ - e.g. Left/Right/both ears
4. The applicant has submitted the following document as proof of residence:-

Nature of Document	Date of Issue	Details of authority issuing certificate

5. Signature and seal of the Medical Authority.

Name and Seal of Member	Name and Seal of Member	Name and Seal of the Chairperson
Signature/thumb impression of the person in whose favour certificate of disability is issued		Countersigned by the Chief Medical Officer (with seal)

Form-IV
Certificate of Disability
(In cases of other than those mentioned in Forms II and III)
(Name and Address of the Medical Authority/Board issuing the Certificate)

Recent passport size attested photograph (showing face only) of the person with disability

Certificate No. _____ **Date:** _____
This is to certify that we have carefully examined Shri/Smt./Kum. _____ son/wife/daughter of Shri _____ Date of birth (DD/MM/YY) _____ age _____ years, male/female _____ Registration No. _____ permanent resident of House No. _____ Ward/Village/ Street _____ Post Office _____ District _____ State _____, whose photograph is affixed above, and am satisfied that he/she is a case of _____ Disability. His/her extent of percentage physical impairment/disability has been evaluated as per guidelines (.....number and date of issue of the guidelines to be specified) and is shown against the relevant disability in the table below

S. N.	Disability	Affected part of body	Diagnosis	Permanent physical impairment/ mental disability (in%)
1.	Locomotor disability	@		
2.	Muscular Dystrophy			
3.	Leprosy cured			
4.	Cerebral Palsy			
5.	Acid attack Victim			
6.	Low Vision	#		
7.	Deaf	£		
8.	Hard of Hearing	£		
9.	Speech and Language disability			
10.	Intellectual Disability			
11.	Specific Learning Disability			
12.	Autism Spectrum Disorder			
13.	Mental illness			
14.	Chronic Neurological Conditions			
15.	Multiple sclerosis			
16.	Parkinson's disease			
17.	Haemophilia			
18.	Thalassemia			
19.	Sickle Cell disease			

Please strike out the disabilities which is not applicable)
2. The above condition is progressive/non-progressive/likely to improve/not likely to improve.
3. Reassessment of disability is:-
(i) not necessary, or
(ii) is recommended/after.....years..... months, and therefore this certificate shall be valid till.... (DD) (MM) (YY)
@ - e.g. Left/right/both arms/legs
- e.g. Single eye/both eyes
£ - e.g. Left/Right/both ears

Name and Seal of Member	Name and Seal of Member	Name and Seal of the Chairperson
Signature/thumb impression of the person in whose favour certificate of disability is issued		4. Countersigned by the Chief Medical Officer (with seal)

Signature and seal of the Medical Authority.

उत्तर प्रदेश लोक सेवा (शारीरिक रूप से विकलांग, स्वतंत्रता संग्राम सेनानियों के आश्रितों और भूतपूर्व सैनिकों के लिये आरक्षण), अधिनियम, 1993 (यथासंशोधित) के अनुसार स्वतंत्रता संग्राम सेनानी के आश्रित के प्रमाण-पत्र का प्रारूप।

प्रमाण-पत्र

प्रमाणित किया जाता है कि श्री/श्रीमती _____ निवासी ग्राम- _____ नगर- _____ जिला- _____ उत्तर प्रदेश लोक सेवा (शारीरिक रूप से विकलांग, स्वतंत्रता संग्राम सेनानियों के आश्रितों और भूतपूर्व सैनिकों के लिये आरक्षण) अधिनियम, 1993 के अनुसार स्वतंत्रता संग्राम सेनानी हैं और श्री/श्रीमती/कुमारी (आश्रित) _____ पुत्र/पुत्री/पौत्र (पुत्र का पुत्र या पुत्री का पुत्र) तथा पौत्री (पुत्र की पुत्री या पुत्री की पुत्री) (विवाहित अथवा अविवाहित) उपरोक्त अधिनियम, 1993 (यथासंशोधित) के प्रावधानों के अनुसार उक्त श्री/श्रीमती (स्वतंत्रता संग्राम सेनानी) _____के आश्रित हैं।
स्थान: _____ हस्ताक्षर _____
दिनांक: _____ पूरा नाम _____
पदनाम _____
मुहर _____
जिलाधिकारी (सील)

प्रमाण-पत्र जो उ.प्र. के मूल निवासी हैं
शासनादेश संख्या-22/21/1983-कार्मिक-2
दिनांक 28 नवम्बर, 1985
प्रमाण-पत्र के फार्म - 1 से 4

प्रारूप - 1

(मान्यता प्राप्त क्रीड़ा/खेल में अपने देश की ओर से अन्तर्राष्ट्रीय प्रतियोगिता में भाग लेने वाले खिलाड़ी के लिये)
सम्बन्धित खेल की राष्ट्रीय फेडरेशन/राष्ट्रीय एसोसिएशन का नाम _____ राज्य सरकार की सेवाओं/पदों पर नियुक्ति के लिए कुशल खिलाड़ियों के लिए प्रमाण-पत्र
प्रमाणित किया जाता है कि श्री/श्रीमती/कुमारी _____ आत्मज/पत्नी/आत्मजा श्री _____ निवासी _____ पूरा पता _____ ने दिनांक _____ से दिनांक _____ तक _____ (स्थान का नाम) में आयोजित _____ (क्रीड़ा/खेल-कूद का नाम) की प्रतियोगिता/टूर्नामेंट में देश की ओर से भाग लिया।
उनके टीम के द्वारा उक्त प्रतियोगिता/टूर्नामेंट में _____ स्थान प्राप्त किया गया। यह प्रमाण-पत्र राष्ट्रीय फेडरेशन/राष्ट्रीय एसोसिएशन/(यहाँ संस्था का नाम दिया जाये) _____ में उपलब्ध रिकार्ड के आधार पर दिया गया है।
स्थान _____ हस्ताक्षर _____
दिनांक _____ नाम _____
पद _____
संस्था का नाम _____
मुहर _____

नोट : यह प्रमाण-पत्र नेशनल फेडरेशन/नेशनल एसोसिएशन के सचिव द्वारा व्यक्तिगत रूप से किये गये हस्ताक्षर होने पर ही मान्य होगा।

प्रारूप - 2

(मान्यता प्राप्त क्रीड़ा/खेल में अपने प्रदेश की ओर से राष्ट्रीय प्रतियोगिता में भाग लेने वाले खिलाड़ी के लिये)
सम्बन्धित खेल की प्रदेशीय एसोसिएशन का नाम _____ राज्य सरकार की सेवाओं/पदों पर नियुक्ति के लिए कुशल खिलाड़ियों के लिए प्रमाण-पत्र
प्रमाणित किया जाता है कि श्री/श्रीमती/कुमारी _____ आत्मज/पत्नी/आत्मजा श्री _____ निवासी (पूरा पता) _____ ने दिनांक _____ से दिनांक _____ तक _____ में (क्रीड़ा/खेल-कूद का नाम) की प्रतियोगिता (टूर्नामेंट स्थान का नाम) _____ आयोजित राष्ट्रीय _____ में (क्रीड़ा/खेल-कूद का नाम) की प्रतियोगिता/टूर्नामेंट में प्रदेश की ओर से भाग लिया।
उनके टीम के द्वारा उक्त प्रतियोगिता/टूर्नामेंट में _____ स्थान प्राप्त किया गया। यह प्रमाण-पत्र _____ (प्रदेशीय संघ का नाम) में उपलब्ध रिकार्ड के आधार पर दिया गया है।
स्थान _____ हस्ताक्षर _____
दिनांक _____ नाम _____
पद _____
संस्था का नाम _____
मुहर _____

नोट : यह प्रमाण-पत्र प्रदेशीय खेल-कूद संघ के सचिव द्वारा व्यक्तिगत रूप से किये गये हस्ताक्षर होने पर ही मान्य होगा।

प्रारूप - 3

(मान्यता प्राप्त क्रीड़ा/खेल में अपने विश्वविद्यालय की ओर से अन्तर्विश्वविद्यालय प्रतियोगिता में भाग लेने वाले खिलाड़ी के लिये)
विश्वविद्यालय का नाम _____ राज्य स्तर की सेवाओं/पदों पर नियुक्ति के लिए कुशल खिलाड़ियों के लिए प्रमाण-पत्र
प्रमाणित किया जाता है कि श्री/श्रीमती/कुमारी _____ आत्मज/पत्नी/आत्मजा श्री _____ निवास (पूरा नाम) _____ विश्वविद्यालय की कक्षा _____ के विद्यार्थी ने दिनांक _____ से दिनांक _____ तक _____ (स्थान का नाम) में आयोजित अन्तर्विश्वविद्यालय _____ (क्रीड़ा/खेल-कूद का नाम) प्रतियोगिता/टूर्नामेंट में _____ विश्वविद्यालय की ओर से भाग लिया। उनके टीम के द्वारा उक्त प्रतियोगिता/टूर्नामेंट में _____ स्थान प्राप्त किया गया। यह प्रमाण-पत्र डीन ऑफ स्पोर्ट्स अथवा इंचार्ज खेल कूद _____ विश्वविद्यालय में उपलब्ध रिकार्ड के आधार पर दिया गया है।
स्थान _____ हस्ताक्षर _____
दिनांक _____ नाम _____
पद _____
संस्था का नाम _____
मुहर _____

नोट : यह प्रमाण-पत्र विश्वविद्यालय के डीन ऑफ स्पोर्ट्स या इंचार्ज खेल-कूद द्वारा व्यक्तिगत रूप से किये गये हस्ताक्षर होने पर ही मान्य होगा।

प्रारूप - 4

(मान्यता प्राप्त क्रीड़ा/खेल में अपने स्कूल की ओर से राष्ट्रीय खेल-कूद में भाग लेने वाले खिलाड़ी के लिये)
डाइरेक्ट्रेट ऑफ पब्लिक इन्सट्रक्शन्स/निदेशक, शिक्षा, उत्तर प्रदेश _____ राज्य स्तर की सेवाओं/पदों पर नियुक्ति के लिए कुशल खिलाड़ियों के लिए प्रमाण-पत्र
प्रमाणित किया जाता है कि श्री/श्रीमती/कुमारी _____ आत्मज/पत्नी/आत्मजा श्री _____ निवासी (पूरा पता) _____ में _____ स्कूल में कक्षा _____ के विद्यार्थी ने दिनांक _____ से दिनांक _____ तक _____ (स्थान का नाम) में आयोजित स्कूलों के नेशनल गेम्स की _____ (क्रीड़ा/खेल-कूद का नाम) प्रतियोगिता/टूर्नामेंट में _____ स्कूल की ओर से भाग लिया। उनके टीम के द्वारा उक्त प्रतियोगिता/टूर्नामेंट में _____ स्थान प्राप्त किया गया। यह प्रमाण-पत्र डाइरेक्ट्रेट ऑफ पब्लिक इन्सट्रक्शन्स/शिक्षा में उपलब्ध रिकार्ड के आधार पर दिया गया है।
स्थान _____ हस्ताक्षर _____
दिनांक _____ नाम _____
पद _____
संस्था का नाम _____
मुहर _____

नोट : यह प्रमाण-पत्र निदेशक/या अतिरिक्त/संयुक्त या उपनिदेशक डाइरेक्ट्रेट ऑफ पब्लिक इन्सट्रक्शन्स/शिक्षा _____ द्वारा व्यक्तिगत रूप से हस्ताक्षर होने पर मान्य होगा।

<p align="center">Appendix - 2</p> <p align="center">उत्प्रेरक राजकीय महाविद्यालयों हेतु "असिस्टेंट प्रोफेसर परीक्षा"</p> <p align="center">परीक्षा-योजना</p> <p align="center">प्रारम्भिक परीक्षा</p> <p>प्रश्नपत्र का प्रकार – वस्तुनिष्ठपरक प्रश्नपत्र की संख्या – (01) एक प्रश्नों की संख्या – 120 (सामान्य अध्ययन के 30 प्रश्न तथा प्रत्येक वैकल्पिक विषय के 90 प्रश्न, जबकि वैकल्पिक विषय गणित के 70 प्रश्न)</p> <p>कुल पूर्णांक – 150 (एक सौ पचास) समयावधि – 02:00 (दो) घण्टा</p> <p>नोट: उपर्युक्त प्रथम चरण की प्रारम्भिक परीक्षा में उत्तीर्ण अभ्यर्थी ही नियमानुसार मुख्य (लिखित) परीक्षा में सम्मिलित हो सकेंगे।</p> <p align="center">मुख्य (लिखित) परीक्षा</p> <p>प्रश्नपत्र का प्रकार – परम्परागत प्रश्नपत्र की संख्या – 01 (एक) प्रश्नों की संख्या – 20 (10+10) कुल पूर्णांक – 200 (80+120) अंक समयावधि – 03:00 (तीन) घण्टा</p> <p>संगत पाठ्यक्रम के आधार पर वैकल्पिक (मुख्य) विषयों के प्रश्नपत्रों की रचना हेतु प्रश्नपत्र का स्वरूप एवं अंकों का विभाजन निम्नवत् होगा— मुख्य परीक्षा के प्रश्नपत्र में सभी प्रश्न अनिवार्य होंगे तथा वे दो खण्डों में विभाजित रहेंगे। प्रश्नों की कुल संख्या खण्डवार निम्नवत् होगी— खण्ड (अ) के अन्तर्गत 10 प्रश्न, लघुउत्तरीय प्रश्न, जिनके उत्तरों की सीमा 125 शब्दों में होगी। यहां प्रत्येक प्रश्न आठ (08) अंक का होगा। खण्ड (ब) के अन्तर्गत 10 प्रश्न, दीर्घ उत्तरीय प्रश्न, जिनके उत्तरों की सीमा 200 शब्दों में होगी। यहां प्रत्येक प्रश्न बारह (12) अंक का होगा। ध्यातव्य है कि उक्त प्रारम्भिक परीक्षा एवं मुख्य (लिखित) परीक्षा के पाठ्यक्रम शासन द्वारा अनुमोदित हैं।</p> <p align="center">साक्षात्कार (अभिव्यक्ति) परीक्षण</p> <p>25 अंक/यथा शासनादेशानुसार।</p> <p>नोट: प्रश्नगत मुख्य (लिखित) परीक्षा एवं साक्षात्कार (अभिव्यक्ति) परीक्षण में प्राप्त अंकों के योग के आधार पर अभ्यर्थियों की श्रेष्ठता का निर्धारण सुनिश्चित किया जायेगा।</p>	<p>capping, elongation, and termination, RNA processing, RNA editing, splicing, and polyadenylation, structure and function of different types of RNA, RNA transport).</p> <p>C. Protein synthesis and processing (Ribosome, formation of initiation complex, initiation factors and their regulation, elongation and elongation factors, termination, genetic code, aminoacylation of tRNA, tRNA-identity, aminoacyl tRNA synthetase, and translational proof-reading, translational inhibitors, Post-translational modification of proteins).</p> <p>D. Control of gene expression at transcription and translation level (regulating the expression of phages, viruses, prokaryotic and eukaryotic genes, role of chromatin in gene expression and gene silencing).</p> <p align="center">UNIT IV</p> <p align="center">CELL COMMUNICATION AND CELL SIGNALING</p> <p>A. Host parasite interaction- Recognition and entry processes of different pathogens like bacteria, viruses into plant host cells, alteration of host cell behavior by pathogens, virus-induced cell transformation, pathogen-induced diseases in plants, cell-cell fusion in both normal and abnormal cells.</p> <p>B. Cell signaling - Hormones and their receptors, cell surface receptor, signaling through G-protein coupled receptors, signal transduction pathways, second messengers, regulation of signaling pathways, bacterial and plant two component systems, light signaling in plants, bacterial chemotaxis and quorum sensing.</p> <p>C. Cellular communication - Regulation of hematopoiesis, general principles of cell communication, cell adhesion and roles of different adhesion molecules, gap junctions, extracellular matrix, integrins, neurotransmission and its regulation.</p> <p align="center">UNIT V</p> <p align="center">PLANT PHYSIOLOGY</p> <p>A. Photosynthesis - Light harvesting complexes; mechanisms of electron transport; photoprotective mechanisms; CO₂ fixation-C3, C4 and CAM pathways.</p> <p>B. Respiration and photorespiration – Citric acid cycle; plant mitochondrial electron transport and ATP synthesis; alternate oxidase; photorespiratory pathway.</p> <p>C. Nitrogen metabolism - Nitrate and ammonium assimilation; amino acid biosynthesis.</p> <p>D. Plant hormones – Biosynthesis, storage, breakdown and transport; physiological effects and mechanisms of action.</p> <p>E. Sensory photobiology - Structure, function and mechanisms of action of phytochromes, cryptochromes and phototropins; stomatal movement; photoperiodism and biological clocks.</p> <p>F. Solute transport and photoassimilate translocation – uptake, transport and translocation of water, ions, solutes and macromolecules from soil, through cells, across membranes, through xylem and phloem; transpiration; mechanisms of loading and unloading of photoassimilates.</p> <p>G. Secondary metabolites - Biosynthesis of terpenes, phenols and nitrogenous compounds and their roles.</p> <p>H. Stress physiology – Responses of plants to biotic (pathogen and insects) and abiotic (water, temperature and salt) stresses.</p> <p align="center">UNIT VI</p> <p align="center">INHERITANCE BIOLOGY</p> <p>A. Mendelian principles : Dominance, segregation, independent assortment.</p> <p>B. Concept of gene : Allele, multiple alleles, pseudoallele, complementation tests</p> <p>C. Extensions of Mendelian principles : Codominance, incomplete dominance, gene interactions, pleiotropy, genomic imprinting, penetrance and expressivity, phenocopy, linkage and crossing over, sex linkage, sex limited and sex influenced characters.</p> <p>D. Gene mapping methods : Linkage maps, tetrad analysis, mapping with molecular markers, mapping by using somatic cell hybrids, development of mapping population in plants</p> <p>E. Extra chromosomal inheritance : Inheritance of Mitochondrial and chloroplast genes, maternal inheritance.</p> <p>F. Microbial genetics : Methods of genetic transfers – transformation, conjugation, transduction and sex-duction, mapping genes by interrupted mating, fine structure analysis of genes.</p> <p>G. Quantitative genetics : Polygenic inheritance, heritability and its measurements, QTL mapping</p> <p>H. Mutation : Types, causes and detection, mutant types – lethal, conditional, biochemical, loss of function, gain of function, germinal verses somatic mutants, insertional mutagenesis</p> <p>I. Structural and numerical alterations of chromosomes : Deletion, duplication, inversion, translocation, ploidy and their genetic implications.</p> <p>J. Recombination : Homologous and non-homologous recombination including transposition.</p> <p align="center">UNIT VII</p> <p align="center">DIVERSITY OF LIFE FORMS</p> <p>A. Principles & methods of taxonomy: Concepts of species and hierarchical taxa, biological nomenclature, classical & quantitative methods of taxonomy of plants, animals and microorganisms. Levels of structural organization: Unicellular, colonial and multicellular forms.</p> <p>B. Levels of organization of tissues, organs & systems. Comparative anatomy, adaptive radiation, adaptive modifications.</p> <p>C. Outline classification of plants & microorganisms: Important criteria used for classification in each taxon. Classification of plants, animals and microorganisms.</p>	<p>Evolutionary relationships among taxa.</p> <p>D. Natural history of Indian subcontinent: Major habitat types of the subcontinent, geographic origins and migrations of species.</p> <p>E. Organisms of health & agricultural importance: Common parasites and pathogens of crops.</p> <p>F. Organisms of conservation concern: Rare, endangered species. Conservation strategies.</p> <p>G. Biology and Biodiversity of Viruses, Bacteria, Fungi, Bryophytes, Pteridophytes, Gymnosperms and Angiosperms.</p> <p align="center">UNIT VIII</p> <p align="center">ECOLOGICAL PRINCIPLES</p> <p>A. The Environment: Physical environment; biotic environment; biotic and abiotic interactions.</p> <p>B. Habitat and Niche: Concept of habitat and niche; niche width and overlap; fundamental and realized niche; resource partitioning; character displacement.</p> <p>C. Population Ecology: Characteristics of a population; population growth curves; population regulation; life history strategies (r and K selection); concept of metapopulation – demes and dispersal, interdemec extinctions, age structured populations.</p> <p>D. Species Interactions: Types of interactions, interspecific competition, herbivory, carnivory, pollination, symbiosis.</p> <p>E. Community Ecology: Nature of communities; community structure and attributes; levels of species diversity and its measurement; edges and ecotones.</p> <p>F. Ecological Succession: Types; mechanisms; changes involved in succession; concept of climax.</p> <p>G. Ecosystem Ecology: Ecosystem structure; ecosystem function; energy flow and mineral cycling (C,N,P); primary production and decomposition; structure and function of some Indian ecosystems: terrestrial (forest, grassland) and aquatic (fresh water, marine, eustarine).</p> <p>H. Biogeography: Major terrestrial biomes; theory of island biogeography; biogeographical zones of India.</p> <p>I. Applied Ecology: Environmental pollution; global environmental change; biodiversity: status, monitoring and documentation; major drivers of biodiversity change; biodiversity management approaches. Geographic information system & Modeling, Environmental legislation and policy, Environmental impact and risk assessment</p> <p>J. Conservation Biology: Principles of conservation, major approaches to management, Indian case studies on conservation/management strategy, land and soil conservation and management, Green technologies.</p> <p align="center">UNIT IX</p> <p align="center">EVOLUTION AND BEHAVIOUR</p> <p>A. Emergence of evolutionary thoughts – Lamarck, Darwin–concepts of variation, adaptation, struggle, fitness and natural selection; Mendelism; Spontaneity of mutations; The evolutionary synthesis.</p> <p>B. Origin of cells and unicellular evolution: Origin of basic biological molecules; Abiotic synthesis of organic monomers and polymers; Concept of Oparin and Haldane; Experiment of Miller (1953); The first cell; Evolution of prokaryotes; Origin of eukaryotic cells; Evolution of unicellular eukaryotes; Anaerobic metabolism, photosynthesis and aerobic metabolism.</p> <p>C. Paleontology and Evolutionary History: The evolutionary time scale; Eras, periods and epoch; Major events in the evolutionary time scale; Origins of unicellular and multi cellular organisms; Major groups of plants; Stages in primate evolution.</p> <p>D. Molecular Evolution: Concepts of neutral evolution, molecular divergence and molecular clocks; Molecular tools in phylogeny, classification and identification; Protein and nucleotide sequence analysis; origin of new genes and proteins; Gene duplication and divergence.</p> <p>E. The Mechanisms: Population genetics – Populations, Gene pool, Gene frequency; Hardy-Weinberg Law; concepts and rate of change in gene frequency through natural selection, migration and random genetic drift; Adaptive radiation; Isolating mechanisms; Speciation; Allopatricity and Sympatricity; Convergent evolution; Sexual selection; Co-evolution.</p> <p align="center">UNIT X</p> <p align="center">APPLIED BIOLOGY & METHODS IN PLANT SCIENCE</p> <p>A. Microbial fermentation and production of Primary & Secondary metabolites.</p> <ul style="list-style-type: none"> • Tissue and cell culture methods for plants . • Transgenic plants, molecular approaches to diagnosis and strain identification. • Genomics and its application in Plants . • Bioresource and uses of biodiversity. • Breeding in plants including marker – assisted selection. • Bioremediation and phytoremediation • Biosensors <p>B. Molecular Biology and Recombinant DNA methods: Isolation and purification of RNA , DNA (genomic and plasmid) and proteins, different separation methods. Analysis of RNA, DNA and proteins by one and two dimensional gel electrophoresis, Isoelectric focusing gels. Molecular cloning of DNA or RNA fragments in bacterial and eukaryotic systems. Expression of recombinant proteins using bacterial, animal and plant vectors. Isolation of specific nucleic acid sequences. Generation of genomic and cDNA libraries in plasmid, phage, cosmid, BAC and YAC vectors. In vitro mutagenesis and deletion techniques, gene knock out in bacterial and eukaryotic organisms. Protein</p>
<p align="center">Appendix - 3</p> <p align="center">Subject- General Studies</p> <p>1- General Science. 2- Current Events of National and International Importance. 3- History of India (Including Indian National Movement). 4- Indian Polity and Economy. 5- Geography- Indian and world. 6- Mental ability and Statistical data analysis.</p> <p>Candidates are expected to have general awareness about the above topics with special reference to Uttar Pradesh.</p> <p align="center">1. SUBJECT : BOTANY</p> <p align="center">UNIT I</p> <p align="center">MOLECULES AND THEIR INTERACTION RELEVANT TO BIOLOGY</p> <p>A. Structure of atoms, molecules and chemical bonds. B. Composition, structure and function of biomolecules (carbohydrates, lipids, proteins, nucleic acids and vitamins). C. Stabilizing interactions (Van der Waals, electrostatic, hydrogen bonding, hydrophobic interaction, etc.). D. Principles of biophysical chemistry (pH, buffer, reaction kinetics, thermodynamics, colligative properties). E. Bioenergetics, glycolysis, oxidative phosphorylation, coupled reaction, group transfer, biological energy transducers. F. Principles of catalysis, enzymes and enzyme kinetics, enzyme regulation, mechanism of enzyme catalysis, isozymes G. Conformation of proteins (Ramachandran plot, secondary structure, domains, and folds). H. Conformation of nucleic acids (helix (A, B, Z), t-RNA, micro-RNA). I. Stability of proteins and nucleic acids. J. Metabolism of carbohydrates, lipids, amino acids nucleotides and vitamins.</p> <p align="center">UNIT II</p> <p align="center">CELLULAR ORGANIZATION</p> <p>A. Membrane structure and function motif (Structure of model membrane, lipid bilayer and membrane protein diffusion, osmosis, ion channels, active transport, membrane pumps, mechanism of sorting and regulation of intracellular transport, electrical properties of membranes). B. Structural organization and function of intracellular organelles (Cell wall, nucleus, mitochondria, Golgi bodies, lysosomes, endoplasmic reticulum, peroxisomes, plastids, vacuoles, chloroplast, structure and function of cytoskeleton and its role in motility). C. Organization of genes and chromosomes (Operon, unique and repetitive DNA, interrupted genes, gene families, structure of chromatin and chromosomes, heterochromatin, euchromatin, transposons). D. Cell division and cell cycle (Mitosis and meiosis, their regulation, steps in cell cycle, regulation and control of cell cycle). E. Microbial Physiology (Growth yield and characteristics, strategies of cell division, stress response)</p> <p align="center">UNIT III</p> <p align="center">FUNDAMENTAL PROCESSES</p> <p>A. DNA replication, repair and recombination (Unit of replication, enzymes involved, replication origin and replication fork, fidelity of replication, extrachromosomal replicons, DNA damage and repair mechanisms, homologous and site-specific recombination). B. RNA synthesis and processing (transcription factors and machinery, formation of initiation complex, transcription activator and repressor, RNA polymerases,</p>	<p>A. Host parasite interaction- Recognition and entry processes of different pathogens like bacteria, viruses into plant host cells, alteration of host cell behavior by pathogens, virus-induced cell transformation, pathogen-induced diseases in plants, cell-cell fusion in both normal and abnormal cells.</p> <p>B. Cell signaling - Hormones and their receptors, cell surface receptor, signaling through G-protein coupled receptors, signal transduction pathways, second messengers, regulation of signaling pathways, bacterial and plant two component systems, light signaling in plants, bacterial chemotaxis and quorum sensing.</p> <p>C. Cellular communication - Regulation of hematopoiesis, general principles of cell communication, cell adhesion and roles of different adhesion molecules, gap junctions, extracellular matrix, integrins, neurotransmission and its regulation.</p> <p>A. Photosynthesis - Light harvesting complexes; mechanisms of electron transport; photoprotective mechanisms; CO₂ fixation-C3, C4 and CAM pathways.</p> <p>B. Respiration and photorespiration – Citric acid cycle; plant mitochondrial electron transport and ATP synthesis; alternate oxidase; photorespiratory pathway.</p> <p>C. Nitrogen metabolism - Nitrate and ammonium assimilation; amino acid biosynthesis.</p> <p>D. Plant hormones – Biosynthesis, storage, breakdown and transport; physiological effects and mechanisms of action.</p> <p>E. Sensory photobiology - Structure, function and mechanisms of action of phytochromes, cryptochromes and phototropins; stomatal movement; photoperiodism and biological clocks.</p> <p>F. Solute transport and photoassimilate translocation – uptake, transport and translocation of water, ions, solutes and macromolecules from soil, through cells, across membranes, through xylem and phloem; transpiration; mechanisms of loading and unloading of photoassimilates.</p> <p>G. Secondary metabolites - Biosynthesis of terpenes, phenols and nitrogenous compounds and their roles.</p> <p>H. Stress physiology – Responses of plants to biotic (pathogen and insects) and abiotic (water, temperature and salt) stresses.</p> <p>A. Mendelian principles : Dominance, segregation, independent assortment.</p> <p>B. Concept of gene : Allele, multiple alleles, pseudoallele, complementation tests</p> <p>C. Extensions of Mendelian principles : Codominance, incomplete dominance, gene interactions, pleiotropy, genomic imprinting, penetrance and expressivity, phenocopy, linkage and crossing over, sex linkage, sex limited and sex influenced characters.</p> <p>D. Gene mapping methods : Linkage maps, tetrad analysis, mapping with molecular markers, mapping by using somatic cell hybrids, development of mapping population in plants</p> <p>E. Extra chromosomal inheritance : Inheritance of Mitochondrial and chloroplast genes, maternal inheritance.</p> <p>F. Microbial genetics : Methods of genetic transfers – transformation, conjugation, transduction and sex-duction, mapping genes by interrupted mating, fine structure analysis of genes.</p> <p>G. Quantitative genetics : Polygenic inheritance, heritability and its measurements, QTL mapping</p> <p>H. 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Classification of plants, animals and microorganisms.</p>	<p>A. Emergence of evolutionary thoughts – Lamarck, Darwin–concepts of variation, adaptation, struggle, fitness and natural selection; Mendelism; Spontaneity of mutations; The evolutionary synthesis.</p> <p>B. Origin of cells and unicellular evolution: Origin of basic biological molecules; Abiotic synthesis of organic monomers and polymers; Concept of Oparin and Haldane; Experiment of Miller (1953); The first cell; Evolution of prokaryotes; Origin of eukaryotic cells; Evolution of unicellular eukaryotes; Anaerobic metabolism, photosynthesis and aerobic metabolism.</p> <p>C. Paleontology and Evolutionary History: The evolutionary time scale; Eras, periods and epoch; Major events in the evolutionary time scale; Origins of unicellular and multi cellular organisms; Major groups of plants; Stages in primate evolution.</p> <p>D. Molecular Evolution: Concepts of neutral evolution, molecular divergence and molecular clocks; Molecular tools in phylogeny, classification and identification; Protein and nucleotide sequence analysis; origin of new genes and proteins; Gene duplication and divergence.</p> <p>E. The Mechanisms: Population genetics – Populations, Gene pool, Gene frequency; Hardy-Weinberg Law; concepts and rate of change in gene frequency through natural selection, migration and random genetic drift; Adaptive radiation; Isolating mechanisms; Speciation; Allopatricity and Sympatricity; Convergent evolution; Sexual selection; Co-evolution.</p> <p>A. Microbial fermentation and production of Primary & Secondary metabolites.</p> <ul style="list-style-type: none"> • Tissue and cell culture methods for plants . • Transgenic plants, molecular approaches to diagnosis and strain identification. • Genomics and its application in Plants . • Bioresource and uses of biodiversity. • Breeding in plants including marker – assisted selection. • Bioremediation and phytoremediation • Biosensors <p>B. Molecular Biology and Recombinant DNA methods: Isolation and purification of RNA , DNA (genomic and plasmid) and proteins, different separation methods. Analysis of RNA, DNA and proteins by one and two dimensional gel electrophoresis, Isoelectric focusing gels. Molecular cloning of DNA or RNA fragments in bacterial and eukaryotic systems. Expression of recombinant proteins using bacterial, animal and plant vectors. Isolation of specific nucleic acid sequences. Generation of genomic and cDNA libraries in plasmid, phage, cosmid, BAC and YAC vectors. In vitro mutagenesis and deletion techniques, gene knock out in bacterial and eukaryotic organisms. Protein</p>

<p>sequencing methods, detection of post translation modification of proteins. DNA sequencing methods, strategies for genome sequencing. Methods for analysis of gene expression at RNA and protein level, large scale expression, such as micro array based techniques Isolation, separation and analysis of carbohydrate and lipid molecules RFLP, RAPD and AFLP techniques C. Biophysical Method: Molecular analysis using UV/visible, fluorescence, circular dichroism, NMR and ESR spectroscopy Molecular structure determination using X-ray diffraction and NMR, Molecular analysis using light scattering, different types of mass spectrometry and surface plasma resonance methods. D. Statistical Methods: Measures of central tendency and dispersal; probability distributions (Binomial, Poisson and normal); Sampling distribution; Difference between parametric and non-parametric statistics; Confidence Interval; Errors; Levels of significance; Regression and Correlation; t-test; Analysis of variance; χ^2 test; Basic introduction to Multivariate statistics, etc. E. Radiolabeling techniques: Detection and measurement of different types of radioisotopes normally used in biology, incorporation of radioisotopes in biological tissues and cells, molecular imaging of radioactive material, safety guidelines. F. Microscopic techniques: Visualization of cells and subcellular components by light microscopy, resolving powers of different microscopes, microscopy of living cells, scanning and transmission microscopes, different fixation and staining techniques for EM, freeze-etch and freeze-fracture methods for EM, image processing methods in microscopy. G. Methods in field biology: Methods of estimating population density of plants, ranging patterns through direct, indirect and remote observations, sampling methods in the study of behavior, habitat characterization: ground and remote sensing methods.</p>	<p>iii) Sigmatropic rearrangement: [1,3], [1,5], [2,3] and [3,3] Sigmatropic rearrangements 7) Photochemistry of carbonyl compounds; i) α-Cleavage ii) β-Cleavage iii) Intramolecular hydrogen abstraction iv) Photorearrangement given by β,γ-unsaturated ketones 8) Structure determination of organic compounds by use of UV, IR, PMR, ^{13}C NMR and mass spectroscopic techniques. 9) Use of reagents in organic synthesis: NaBH_4, DIBAL-H, organo copper, $\text{Na}/\text{NH}_3(\text{l})$, Collins reagent, PCC and PDC reagents, Me_3SiX, 1,3-dithane, SeO_2, and Pd catalysed cross-coupling reactions (Negishi, Suzuki, Still coupling). Stereochemistry of these reagents in reactions. Unit-3 Physical Chemistry 1) Basic principles of quantum mechanics, Particle in a box, Harmonic oscillator and hydrogen atom. 2) Atomic structure and Molecular spectroscopy: term symbols. 3) Chemical application of group theory, Symmetry elements, Character table and selection rules. 4) Chemical thermodynamics: Laws, path function and their applications, Maxwell's relation, phase equilibria and phase rule 5) Statistical thermodynamics, Boltzmann distribution, Kinetic theory of gases, Partition function. 6) Electrochemistry, Nernst equation, redox systems, electrolytic conductance (Kohlrausch's Law and its applications). 7) Chemical kinetics, empirical rate laws and temperature dependence, Steady state approximation, Enzyme kinetics, Homogeneous catalysis. 8) Colloids and surface: stability and properties of colloids, isotherms, Heterogeneous catalysis. 9) Polymer chemistry 10) Photo chemistry 11) Solutions & colligative Property</p>	<p>Socio- cultural environment, Corporate Social Responsibility (CSR), NITI Aayog, Legal environment: Brief Study of Indian Contract Act 1872, The companies Act 2013, Goods and Services Tax (GST). Unit-7 Business Management Principles and functions of management; Essentials of Planning, Importance and process of decision making, Nature of organising, Different types of organisational structure, Responsibility and authority: Delegation of authority and decentralization, Leadership and its role in management of organizations, Nature, Process and Types of control, Essentials of an effective control system; Ethical issues in management, Social Responsibilities of business, Corporate governance. Unit-8 Auditing Concept, objectives and classification of audit, Basic principles governing an audit, Independent financial audit, Internal audit, Vouching, Verification and valuation of assets and liabilities, Audit of financial statements and Audit Report, Appointment, Qualification, Rights, duties and liabilities of auditor, Cost audit, Recent Trends in Auditing: Management audit; Energy audit; Environment audit; Systems audit; safety audit. Unit-9 Entrepreneurship and Small Business Functions, Types and qualities of an Entrepreneur, Main Theories of Entrepreneurship, Environmental factors affecting Entrepreneurial Development; Role of Government and other institutions in the development of entrepreneurship in India; Role of Micro, Small and Medium Enterprises (MSMEs) in Indian Economy; Problems of MSMEs in India, Start-up, Skill Development. Unit-10 Organisational Theory and Behaviour Evolution; Models of organizational behaviour; Personality; perception and learning; Transaction Analysis, Theories and styles of Leadership, Management by Objective (MBO), Motivation.</p>
<p align="center">2. SUBJECT : CHEMISTRY</p> <p align="center">Unit-1 Inorganic Chemistry</p> <p>1) Structure and bonding in homonuclear molecules, Shapes of molecules (VSEPR Theory). 2) Hard and Soft acids and bases. 3) Main group elements and their compounds. 4) Transition elements and coordination compounds, Isomerism in coordination compounds. Theories of Coordination (VBT, MOT & CFT). 5) Inner Transition elements, Lanthanides & Actinides. 6) Electronic spectroscopy: Orgel diagram and Tanabe-Sugano diagram, Electronic spectra of tetrahedral and Octahedral complexes. Charge transfer in transition metal complexes and compounds, Luminescence. 7) Organometallic compounds, Bioinorganic chemistry, metalloenzymes, Metal complexes in medicines, Supramolecular chemistry. 8) Spectroscopy of inorganic compounds: UV, IR, NMR (^{19}F-NMR, ^{31}P-NMR), EPR and Mössbauer. 9) Pollution: Air Pollution and Green House Effect. 10) Nuclear chemistry.</p> <p align="center">Unit-2 Organic Chemistry</p> <p>1) Aromaticity of Benzenoid and Non Benzenoid compounds, Antiaromaticity and Homoaromaticity of compounds. 2) Organic reaction intermediates: Generation, stability and reactivity of carbocations, carbanions, free radicals, carbenes including NHC and benzynes. 3) Stereochemistry: R,S and E,Z nomenclature, regioselective, stereospecific, stereoselective and diastereoselective reactions, Cram's and Felkin-Anh model in diastereoselective reactions, Enantioselective reactions, Factors responsible for the stability of conformers. Conformational isomerism of acyclic and six membered cyclic compounds. 4) Organic reaction mechanism and their stereochemistry: i) Electrophilic addition reaction of alkenes with Br_2, BH_3, KMnO_4, halolactonisation. ii) Nucleophilic addition of carbonyl compounds with carbon, nitrogen, oxygen and sulphur nucleophiles. iii) Conjugate addition given by α,β-unsaturated cyclohexenones and their stereochemistry. iv) E_1, E_2 and $\text{E}_{1\text{cB}}$ reactions, <i>syn</i> and <i>anti</i> eliminations and their stereo chemistry. v) Substitution reactions: a) Aliphatic nucleophilic substitutions ($\text{S}_{\text{N}}1$, $\text{S}_{\text{N}}2$, $\text{S}_{\text{N}}\text{i}$), neighbouring group participations. b) Electrophilic aromatic substitutions. c) Nucleophilic aromatic substitutions. 5) Common name reactions, rearrangements and their mechanism-Aldol addition, Aldol condensation, Perkin reaction, Reformatsky reaction, Barton reaction, Di-π-methane rearrangement, Mitsunobu reaction, Pinacol-Pinacolone rearrangement, Baeyer-Villiger rearrangement, Beckmann rearrangement, Curtius, Schmidt and Lossen rearrangement. 6) Pericyclic reactions: i) Electrocyclic reactions ii) Cycloaddition reactions a) [2+2], [4+2] cycloadditions b) [2+2] cycloaddition between alkene and ketene c) [2+2] cycloaddition between ketene and N-substituted imines</p>	<p align="center">3. SUBJECT : COMMERCE</p> <p align="center">Unit-1 Accounting and Finance</p> <p>Basic accounting principles, concepts and postulates; Nature, scope and objectives of Management Accounting; Corporate Accounting: Issue, forfeiture and reissue of shares, Liquidation of companies, amalgamation and reconstruction of companies; Holding company Accounts; Indian Accounting Standards and IFRS, Green Accounting, Cost Accounting: Marginal costing and Break-even analysis, Standard costing; Budgetary Control, Process costing, Life cycle costing, Target costing, JIT; Ratio Analysis, Fund flow and Cash flow Analysis, Cost-volume profit Analysis. Unit-2 Statistics and Research Methodology</p> <p>Measures of Central tendency, Measures of dispersion and skewness, correlation and regression of two variables, Coefficient of Association, Probability: Addition, Multiplication and Bayes' theorem; Probability distributions: Binomial, Poisson and Normal distributions; Research: Concept and types, Research designs; Data: Collection and Classification of data; Sampling and estimation: Concepts, Methods of sampling; standard error; Hypothesis testing; z-test, t-test, ANOVA, SPSS, Chi-square test; Report writing. Unit-3 Marketing</p> <p>Concept and approaches of marketing; Marketing channels; Marketing Mix; Strategic marketing planning; Market segmentation; Product decisions: concept, Product line, Product mix decisions, Product life cycle; New product development; Pricing decisions: Factors affecting price determination, Pricing policies and strategies; Promotion decisions, Promotion methods: Advertising, Personal selling, Publicity, Sales Promotion tools and techniques, Promotions mix; Consumer behaviour: consumer buying process factors influencing consumer buying decisions, CRM, Service marketing; New trends in marketing: Social marketing, Online marketing, GEM Portal, Green marketing, Direct marketing, Rural marketing. Unit-4 Human Resource Management</p> <p>Concept, role and functions of HRM; Human resource planning; Recruitment and selection; Training and development, Succession planning, Compensation management: Job evaluation, Incentives and fringe benefits, Performance appraisal methods, Collective bargaining and workers' participation in management, Personality: Perception; Attitudes, Emotions; Group dynamics; Power and politics; Conflict and negotiation; Stress management; Green HRM, Organizational Culture; Organizational Development. Unit-5 Business Economics</p> <p>Concept, Nature and significance of Business Economics, Principles of business economics, Demand Analysis, Production Analysis, Pricing Analysis, Price determination under different market forms: Perfect competition; Monopolistic competition; Oligopoly, Monopoly, Price discrimination, Business Cycles, Inflation. Unit-6 Business Environment</p> <p>Concept, Nature and significance of Business environment, Elements, Techniques of environmental scanning and monitoring; Economic systems; Government Policies,</p>	<p align="center">4. SUBJECT : EDUCATION</p> <p align="center">Unit-1 Philosophical and Sociological foundations of Education</p> <p>a) Indian Schools of philosophy (Vedic, Sankhya Yoga, Vedanta and Buddhism) with special reference to educational aims and methods of acquiring valid knowledge. Contribution of thinkers (Swami Vivekananda, Rabindranath Tagore, Mahatma Gandhi, Pandit Madan Mohan Malaviya.) b) Western schools of philosophy (Idealism, Realism, Naturalism, Pragmatism) and their contribution to Education with special reference to information, knowledge and wisdom. c) Educational and social institutions : Concept and types of social Institutions and their functions (family, school and society), Concept of Social Movements. d) Socialization and education- education and culture, education and social changes, National Values as enshrined in the Indian Constitution-Socialism, Secularism, justice, liberty, democracy, equality, freedom with special reference to education. Unit-2 History, Politics and Economics of Education</p> <p>Committees and Commissions' and their Contribution to Education: Kothari Commission (1964-66), National Policy of Education and POA (1986,1992), National Curriculum Framework for Teacher Education (2009), Justice Verma Committee Report (2012), NCTE Regulations 2014. b) Indianisation of education through Indian Traditional Knowledge, Feature of National Education Policy (NEP) 2020: vision, structure and changes in school education, Transforming the regulatory system of Higher Education. c) Concept of Economics of Education, Concept of Educational Finance; Educational finance at Micro and Macro Levels, Concept of Budgeting and Financing, Affordable and quality education for all. Unit-3 Learner and Learning</p> <p>a) Growth and Development: Concept and principles, Cognitive Processes and stages of Cognitive Development, Personality: Definitions and theories, Mental health and Mental hygiene. b) Approaches to Intelligence from Unitary to Multiple: Concepts of Social intelligence, multiple intelligence, emotional intelligence, Theories of Intelligence by Sternberg, Gardner, Assessment of Intelligence, Concepts of Problem Solving, Critical thinking, Metacognition and Creativity. c) Learning Theories, Principles of learning: Behaviouristic, Cognitive and Social theories of learning, Factors affecting social learning, social competence, Concept of social cognition, understanding social relationship and socialization goals. d) Guidance and Counselling: Nature, Principles and Need, Types of guidance (educational, vocational, personal, health, social & Directive, Non-directive and Eclectic. Approaches to counselling – Cognitive-Behavioural (Albert Ellis – REBT) & Humanistic, Person centred Counselling (Carl Rogers) - Theories of Counselling (Behaviouristic, Rational, Emotive and Reality). Unit-4</p>

APPENDIX-4**Assistant Professor, Government Degree College****Subject-wise/reservation-wise details of vacancies and details of PH-subcategories**

S.No.	Subject Name	No. of Vacancies	UR	SC	ST	OBC	EWS	DFF	PH	Women
1	2	3	4	5	6	7	8	9	10	11
1.	Botany	79	33	16	03	20	07	01	03 (01-L.V., 01-D., 01-O.L.)	15
2.	Chemistry	87	40	15	03	21	08	01	03 (01-B., 01-D., 01-Dw.)	17
3.	Commerce	157	64	31	05	42	15	03	06 (01-B., 01-L.V., 01-H.H., 01-O.A., 01-B.A., 01-A.A.V.)	31
4.	Drawing and Painting	08	05	00	00	03	00	00	00	01
5.	Economics	61	30	09	02	14	06	01	02 (01-L.V., 01-Dw.)	12
6.	Education	14	08	02	00	03	01	00	00	02
7.	English	92	41	16	03	23	09	01	03 (01-H.H., 01-O.A., 01-O.L.)	18
8.	Geography	46	23	08	00	11	04	00	01-O.A.	09
9.	Hindi	87	40	16	01	22	08	01	03 (01-B., 01-D., 01-O.A.)	17
10.	History	58	25	12	02	14	05	01	02 (01-L.V., 01-A.A.V.)	11
11.	Home Science	28	15	04	01	06	02	00	01-H.H.	05
12.	Mathematics	79	24	20	02	26	07	01	03 (01-L.V., 01-D., 01-Dw.)	15
13.	Military Science (Defence Studies)	02	01	01	00	00	00	00	00	00
14.	Philosophy	14	07	02	00	04	01	00	00	02
15.	Physical Education	59	27	11	00	16	05	01	02 (01-L.V., 01-D.)	11
16.	Physics	60	28	12	01	13	06	01	02 (01-H.H., 01-O.A.)	12
17.	Political Science	57	27	09	01	15	05	01	02 (01-L.V., 01-D.)	11
18.	Psychology	31	14	06	00	08	03	00	01-B.	06
19.	Music Gayan (Vocal)	06	06	00	00	00	00	00	00	01
20.	Music Vadan-Sitar	04	02	01	00	01	00	00	00	00
21.	Music Vadan-Tabla	04	03	01	00	00	00	00	00	00
22.	Sanskrit	56	25	10	02	14	05	01	02 (01-L.V., 01-O.L.)	11
23.	Sociology	78	35	15	01	20	07	01	03 (01-B., 01-H.H., 01-B.A.)	15
24.	Urdu	03	02	01	00	00	00	00	00	00
25.	Zoology	79	36	14	03	19	07	01	03 (01-H.H., 01-L.C., 01-A.A.V.)	15
26.	Statistics	02	02	00	00	00	00	00	00	00
27.	Computer Science	01	01	00	00	00	00	00	00	00
28.	Persian	01	01	00	00	00	00	00	00	00
	Total	1253	565	232	30	315	111	16	42	237

• Identified PH-subcategories - O.A., B.A., O.L., B., L.V., D., H.H., L.C., Dw. and A.A.V. - are common to all the above subjects.

Secretary