



## U.P. Technical Education (Teaching/Training) Service, Examination-2023

Date of Commencement of On-line Application : 21.12.2023

Last Date for Receipt of Examination Fee on-line in the Bank : 18.01.2024

Last Date for Submission of On-line Application : 22.01.2024

Last Date for Correction/Modification in Submitted On-line Application : 29.01.2024

### IMPORTANT

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

(ii) Without O.T.R. Number the submission of Online application will not be possible.

(iii) 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.

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

(2) Incomplete Online Application-Form shall be rejected and no communication in this regard shall be entertained. (3) If at any stage, it comes to the knowledge of the commission that the candidate has concealed or misrepresented any information, his candidature shall be rejected and proceeding to debar him from future examinations and selections shall be initiated.

(4) 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.

(5) It is clarified to the candidates that at the stage of First Stage examination, the hard copy of the documents and On-Line application should not be sent to the Commission.

(6) The candidates must send hard copy of their on-line applications and enclose self attested copies of all 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. (b) All future information/ instructions will be sent to the registered mobile number and email ID as registered in O.T.R. by SMS or by email for updates. Candidates are also directed to visit the website of the commission for updates.

### IMPORTANT INFORMATION FOR CANDIDATES APPLYING ONLINE

This advertisement is also available on the website of the commission <https://uppsc.up.nic.in>. O.T.R. based APPLICATION system is applicable for applying in 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:- 1. 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 along with 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, '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 whereon 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 qualifications as required for the posts applied.

(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 according to his/her eligibility for the same.

**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 and (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 click 'Pending Payment' to pay the fee, compulsorily for online application.

**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 candidature. If candidate does not complete the process of online application, his/her candidature will not be accepted for which he will entirely be responsible. 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 and time fixed for it.

**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 Examination for different categories is as under:-

- (i) Unreserved/ Economically Weaker Sections/ other Backward Classes - Exam fee Rs. 200/- + On-line processing fee Rs. 25/- Total = Rs. 225/-
- (ii) Scheduled Castes/ Scheduled Tribes - Exam fee Rs. 80/- + On-line processing fee Rs. 25/- Total = Rs. 105/-
- (iii) Persons with disabilities (PWDs) - Exam fee NIL/- + On-line processing fee Rs. 25/- Total = Rs. 25/-
- (iv) Ex-Servicemen - Exam fee Rs. 80/- + On-line processing fee Rs. 25/- Total = Rs. 105/-
- (v) Dependents of the Freedom Fighters/ Women/Skilled Player - According to their original category

3. If the claim made by the candidate in the application is not found to be true, action can be taken to debar the candidate from all the selections/examinations of the Commission and other punitive actions may be taken.

**Note:- It is mandatory to make payment in the '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.**

4. The U.P. Public Service Commission shall hold a Written Examination at various Centres of the Districts mentioned in Appendix-1 of this advertisement for selecting suitable candidates. Only such candidates will be called for interview who are declared successful on the basis of Written Examination. The selection will be made on the basis of total marks obtained by the candidates in written examination and interview as per provision of rule-15(4) in accordance with the Uttar Pradesh Khadi and Village Industries Board (Group "A" and "B") Service (Second Amendment) Regulations, 2021. The Centre of Examination, decided by the Commission, will be intimated to the candidates by means of their e-Admission Certificate. The no. of districts/centres may be increased/decreased according to the decision of the Commission on the basis of final number of

applications received.

**5. No. of Vacancies:-** Presently, the total no. of vacancies for recruitment is 45.

The particulars of different posts are as follows:-

Sl. No.	Name of Department	Sl. No.	Name of the Post	No. of Vacancies
1	U.P. Khadi And Village Industries Board	1	Prashikshak (Bamboo and Cane)	01
		2	Prashikshak (Bee Keeping)	07
		3	Prashikshak (Pottery)	02
		4	Prashikshak (Hand Made Paper)	01
		5	Prashikshak (Food Preservation)	02
		6	Prashikshak (Fibre)	03
		7	Prashikshak (Village Oil)	06
		8	Prashikshak (Processing of Cereal Crops and Pulses)	03
		9	Prashikshak (Khadi)	06
		10	Prashikshak (Blanket)	01
		11	Prashikshak (Non Edible Oil and Soap)	06
		12	Prashikshak (Match and Agarbatti)	03
		13	Prashikshak (Blacksmithy and Carpentry)	03
		14	Prashikshak (Leather)	01

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

**Payscale:-** ₹ 44900-142400 (Level-7)

**6. Reservation:** The reservation for Scheduled Castes of U.P./Scheduled Tribes of U.P. / Other Backward Classes/ Economically Weaker Sections 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 U.P., Female Candidates, Ex-servicemen of U.P., outstanding sports persons of U.P. 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: (1)** उ०प्र० के समाज के दिव्यांग अभ्यर्थियों के लिए शासन द्वारा अधिसूचित (चिन्हित) किये गये पदों पर चयन के सम्बन्ध में जारी कार्यालय ज्ञापन सं०-5/2022/18/1/2008/47/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 अनुमत्य उपरोक्त आरक्षण केवल उत्तर प्रदेश की मूल निवासी महिलाओं को ही अनुमत्य 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 मा० उच्च न्यायालय, इलाहाबाद द्वारा दिनांक- 16.01.2019 को अधिकारातीत (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 मा० उच्च न्यायालय के आदेश दिनांक-16.01.2019 के विरुद्ध दायर विशेष अपील (डी) संख्या-475/2019 में मा० न्यायालय द्वारा पारित होने वाले अन्तिम निर्णय के अधीन होगा।

(3) Candidates of any reserved category, 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.. (4) The Candidates claiming for the benefit of reservation/age relaxation must obtain, in support of their category a certificate issued by competent authority on the proforma available in Appendix-2 of this detailed advertisement and shall submit the same to the Commission when asked for. (5) All Reserved category candidates of U.P. must mention their Category/Sub Category in the Application. (6) Candidates claiming reservation/Age relaxation in more than one category will be entitled to only one concession, whichever is more beneficial to them. (7) The Scheduled Caste, Scheduled Tribes, Other Backward Class, Economically Weaker Sections (E.W.S.), Dependents of Freedom Fighter, PH.,



<p>outstanding sports person, skilled players of classified games and Ex-Servicemen candidates who are not the permanent residents of U.P. shall not be given the benefit of reservation/age relaxation.</p> <p>(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.</p>	<p><b>qualifications upto the last date for submitting the applications.</b></p> <p><b>10. (i) AGE LIMIT:</b> Candidates must have attained the age of 21 years and must not have crossed the age of 40 years on July 1, 2023 i.e. they must have not been born earlier than 2nd July, 1983 and not later than July 1, 2002, For PH candidates, the maximum age limit is 55 years i.e. they must have not been born before 02 July, 1968.</p> <p><b>(ii) Relaxation in Upper Age Limit:-</b> (a) Upper age limit shall be greater by five years for candidates belonging to Scheduled castes of U.P., Scheduled Tribes of U.P. and Other Backward Classes of U.P., Skilled players of U.P. of Classified Games, U.P.State Govt. Employees 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, 1978. (b) Upper age limit shall be greater by fifteen years for persons with disabilities (PH) 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 Personnels of U.P.</p>	<p>(10) 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 should have been rejected or was not entertainable initially, his/her candidature will be rejected and if the candidate is selected, the recommendation of the Commission for the appointment shall be withdrawn.</p> <p>(11) 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, misbehavior or canvassing for his/her candidature etc.. 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.</p> <p>(12) 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.</p> <p>(13) Candidates selected for appointment will have to undergo Medical Examination as required under the Rules.</p> <p>(14) 3 times candidates to the number of vacancies shall be called for interview on the basis of written examination. It is essential for the candidates to appear in the interview as the place of candidates will depend on aggregate of marks obtained in written examination and interview. Preferences for the posts, will be asked at the time of interview which will be treated final and no change, therein will be admitted later.</p> <p>(15) The candidates who are appearing in the examination of essential qualification prescribed for the posts need not apply, because they are not eligible.</p> <p>(16) 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.</p>																																													
<p><b>7. Conditions of Eligibility: In case of Emergency Commissioned/Short Service Commissioned Officers (For age relaxation only) :-</b> 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 &amp; (c) He has been released from the Army on grounds of misconduct or physical disability or on his own request and who gets gratuity.</p>	<p><b>11. SOME INFORMATION ABOUT EXAMINATION AND INTERVIEW:</b> (1) The dates and venue for the examination shall be informed by the Commission later on through e-Admit Card. (2) Only such candidates will be called for interview who are declared successful on the basis of the written examination. (3) All original certificates shall be verified at the time of interview. Candidates will also be required to furnish four passport size Photographs, two unattested and two attested by their Head of Department or Head of the Institution where they received education or by a Gazetted Officer at the time of Interview. (4) Candidates serving under the Central or State Government will have to produce 'No Objection Certificate' from their employer at the time of interview issued by the competent authority. (5) It is essential for the candidates to appear in the interview who qualify on the basis of written examination.</p>	<p>(17) <b>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 filling any information incorrectly, the Commission shall not evaluate such OMR Answer Sheet for which candidates themselves shall be wholly responsible.</b></p> <p>(18) Candidates shall be provided OMR answer sheets in duplicates i.e. original copy and candidate's copy. After completion of the examination, the candidates are required to hand over the original copy to the Invigilator and the candidate's copy to keep with them.</p> <p>(19) In the Examination for the objective type Question papers, penalty (Negative Marking) shall be imposed for wrong answers given by the candidates which is as 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.</p> <p>(20) The minimum efficiency standard for S.C. &amp; 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 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 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.</p> <p>(21) The candidates whose candidature are cancelled, those candidates do not remain candidates after the cancellation of candidature, therefore the marks of such candidates shall not be provided. (22) 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 the stage of Examination. (23) 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 I.P.C. will also be taken against him/ her.</p>																																													
<p><b>8. MARITAL STATUS:-</b> 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 an exemption from this condition.</p>	<p><b>12. IMPORTANT INSTRUCTIONS FOR CANDIDATES:-</b></p> <p>(1) As per decision of the UPPSC a candidate will be liable to be debarred from this examination 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. (2) If any change is to be made in the personal detail mentioned in the O.T.R. it will be mandatory to synchronise (Sync.) it on the Dashboard after that change. Otherwise change will not be allowed. No representation will be accepted for error correction/ amendment in this regard. Incomplete application will be cursorily rejected and no correspondence will be entertained in this regard. Submission of false/ misleading information will lead to cancellation of candidature.</p> <p>(3) 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, it shall be rejected. (4) The candidates will have to enclose self attested copies of marksheets, Certificates &amp; Degrees along with the application form in support of their claims of Educational Qualifications as/when asked for. If they do not enclose self attested copies of certificates/ documents in support of their claims, the applications shall be rejected.</p> <p>(5) The benefit of reservation to the categories of Physically Handicapped persons of society shall be given only on the posts which is 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 Medical Officer/Specialist and counter signed by the Chief Medical Officer according to Rule 3 of U.P. Public Service (Reservation for physically Handicapped, Dependent of Freedom Fighters and Ex-Servicemen) (Amendment) Act, 2021.</p> <p>(6) The Ex-Army Personnels must be discharged from Army upto the last date prescribed for receipt of applications.</p> <p>(7) 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 only 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.</p> <p>(8) 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 eligibility of the candidates shall be final.</p> <p>(9) The Application/candidature will be rejected/cancelled if the application is not submitted on prescribed form, date of birth is not mentioned or wrong date of birth is mentioned, candidate is overage, under age, does not possess the minimum educational qualifications, applications received after last date and case of no signature under declaration in the format.</p>	<p><b>GENERAL INSTRUCTIONS</b></p> <p>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.</p>																																													
<p><b>9. QUALIFICATIONS:-</b></p> <p><b>(A) Essential Academic Qualification:-</b></p>	<p><b>(B) Preferential Qualification:-</b> A candidate who has-</p> <p>(i) served in the Territorial Army for a minimum period of two years; or</p> <p>(ii) obtained a 'B' certificate of National Cadet Corps, shall, other things being equal, be given preference in the matter of direct recruitment.</p>																																														
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2. In the On-line system, the candidates must ensure that all the requisite information have been duly filled and must the submit before/till the last prescribed Date & Time. Candidates must take the Print and keep it safely. In any discrepancy, the candidates will have to produce it 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-2) 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, Outstanding/Skilled sports person and PH 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 grand daughters (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 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 from appearing in the examination in question and in all other future examinations and selections.

7. The name of Districts for written Examination are available in the advertisement in Appendix-1 and proforma of caste certificate for different reserved categories are given in Appendix-2, similarly the plan and syllabus of examination for written examination for the post of Prashikshak (Bamboo and Cane, Bee Keeping, Pottery, Hand Made Paper, Food Preservation, Fibre, Village Oil, Processing of Cereal Crops and Pulses) is given on Appendix-3 and the plan and syllabus of examination for written examination for the post of Prashikshak (Khadi, Blanket, Non Edible Oil and Soap, Blacksmithy and Carpentry, Leather) is given under Khadi and Village Industries Board on Appendix-4.

8. 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.

**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 will be dropped and the procedure will be terminated. Acceptance of 'I Agree' only will make possible the submission of the candidate's Online Application.

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

**Personnel Details from OTR**  
This section shows information about candidate personnel details i.e. OTR Number, candidate name, Father/ Husband name, Gender, DOB, UP domicile, Category, Marital status, email and contact number, photo & signature, address, UP Freedom Fighter, Ex Army, service duration and your physical challenges, Skilled Player, Outstanding Player of U.P., Debarred candidate.

**Education & Experience Details**  
It shows your educational and experience details

**Declaration segment**  
At the bottom of the page there is a 'Declaration' for the candidates. Candidates are advised to go through the contents of the Declaration carefully.  
After filling all above particulars there is provision for preview your detail before final submission of application form on clicking on "Preview" button.  
Preview page will display all facts/particulars that you have mentioned in O.T.R. if you are sure with filled details then click on "Submit" button to finally push data into server with successfully submission report that you can print.

**[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 'Home Page' of Commission's website <https://uppsc.up.nic.in>

**IMPORTANT ANNOUNCEMENT**  
:- NOTIFICATIONS /ADVERTISEMENTS  
• All Notification/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  
• 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**  
The name of the districts in which the Written Examination will be held are as follows - (1) Prayagraj and (2) Lucknow.

**APPENDIX-2**  
उ०प्र० 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।

**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 उ०प्र० 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 उ०प्र० लोक सेवा (अनुसूचित जातियों, अनुसूचित जनजातियों और अन्य पिछड़े वर्गों के लिये आरक्षण) अधिनियम, 2001 द्वारा प्रतिस्थापित किया गया है एवं जो उ०प्र० लोक सेवा (अनुसूचित जातियों, अनुसूचित जनजातियों और अन्य पिछड़े वर्गों के लिये आरक्षण) 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-1)**  
**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 श्री ..... ग्राम/कस्बा ..... 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:-  
I. 5 (पाँच) एकड़ कृषि योग्य भूमि अथवा उससे ऊपर।  
II. एक हजार वर्ग फीट अथवा इससे, अधिक क्षेत्रफल का प्लॉट।  
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।  
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 पासपोर्ट साइज का अभिप्रमाणित फोटोग्राफ  
हस्ताक्षर ..... (कार्यालय का मुहर सहित)  
पूरा नाम .....  
पदनाम .....  
जिलाधिकारी/अतिरिक्त जिलाधिकारी/सिटी मजिस्ट्रेट/परगना मजिस्ट्रेट/तहसीलदार।

**(प्रपत्र-11)**  
**आर्थिक रूप से कमजोर वर्ग के लाभार्थ स्वयं घोषणा पत्र**  
**स्वयं घोषणा पत्र**  
मैं ..... पुत्र/पुत्री/पत्नी श्री .....  
ग्राम/ कस्बा ..... पोस्ट ऑफिस ..... थाना .....  
..... जिला ..... राज्य .....  
..... ने आर्थिक रूप से कमजोर वर्ग के प्रमाण पत्र हेतु आवेदन दिया है, एतद् 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 स्रोतों (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 हजार वर्ग फीट अथवा इससे, अधिक क्षेत्रफल का प्लॉट।  
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।  
दिनांक :-  
उत्तर प्रदेश के दिव्यांग व्यक्तियों के लिए जाति प्रमाण-पत्र (दिव्यांगजन प्रारूप)  
**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:  
he/she is a case of:  
● locomotor disability  
● dwarfism  
● blindness  
(Please tick as applicable)  
(B) The diagnosis in his/her case is .....  
(C) 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 Medical Board with seal Member Medical Board with seal Chairperson Medical Board with seal  
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)  
Signature/thumb impression of the person in whose favour certificate of disability is issued  
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 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 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.	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			

(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 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 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 \_\_\_\_\_ 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 are 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

4. 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)

**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 लिए प्रमाण-पत्र का प्रपत्र।**

#### 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 प्राविधानों के अनुसार उक्त श्री/ श्रीमती (स्वतंत्रता संग्राम सेनानी) .....के आश्रित हैं।

स्थान: ..... हस्ताक्षर .....

दिनांक: ..... पूरा नाम .....

..... पदनाम .....

..... मुहर .....

..... जिलाधिकारी .....

..... (सील) .....

**कुशल खिलाड़ियों के लिये 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 इन्स्ट्रक्शन्स/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 इन्स्ट्रक्शन्स/ 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 इन्स्ट्रक्शन्स/ शिक्षा ..... द्वारा व्यक्तिगत रूप से हस्ताक्षर होने पर मान्य होगा।

#### APPENDIX - 3

#### परीक्षा योजना

उ0प्र0 खादी तथा ग्रामोद्योग बोर्ड के अन्तर्गत प्रशिक्षक (बांस और बेंत, मधुमक्खी पालन, कुम्हारी, हस्तनिर्मित कागज, खाद्य संरक्षण, रेशा, ग्रामीण तेल, अनाज, फसल और दाल प्रसंस्करण) परीक्षा हेतु निम्नवत दो प्रश्न-पत्र होंगे:-

#### प्रथम प्रश्न-पत्र

विषय प्रश्नों की संख्या अंक कुल समय

प्रश्न-पत्र-I सामान्य हिन्दी के 25 (प्रत्येक प्रश्न 03 अंक) 75 375 2.30

सामान्य अध्ययन-I के 100 (प्रत्येक प्रश्न 03 अंक) 300 (ढाई) घण्टा



द्वितीय प्रश्न-पत्र				
विषय	प्रश्नों की संख्या	अंक	कुल अंक	समय
प्रश्न-पत्र-II	सामान्य अध्ययन-II के 125 (प्रत्येक प्रश्न 03 अंक)	375	375	2.30 (ढाई) घण्टा
व्यक्तिगत परीक्षा (साक्षात्कार)	-	100 अंक		
कुल योग		-	375 + 375 + 100 = 850	
<b>पाठ्यक्रम सामान्य हिन्दी</b>				
<b>सामान्य हिन्दी का प्रादुर्भाव</b>				
(इसका स्तर हाईस्कूल का होगा):				
1- हिन्दी-वर्णविचार- स्वर एवं व्यंजन				
2- पर्यायवाची शब्द				
3- विलोम शब्द				
4- अनेक शब्दों के लिए एक शब्द / वाक्यांश के लिए एक शब्द				
5- अनेकार्थक शब्द				
6- उपसर्ग एवं प्रत्यय				
7- अशुद्धि-शोधन - वर्तनी-शुद्धि, वाक्य-शुद्धि				
8- तत्सम-तद्भव शब्द				
9- शब्द-युग्म, अर्थबोध (शब्दार्थ)				
10- मुहावरे एवं लोकोक्तियाँ				
11- सन्धि, समास				
12- विरामचिह्न				
13- कारकचिह्न				
14- हिन्दी-व्याकरण- संज्ञा, सर्वनाम, विशेषण, क्रिया, अव्यय, लिंग, वचन।				
<b>General Studies -I</b>				
1. History of India and Indian National Movement.				
2. Geography of World and India.				
3. Indian Polity and Constitution.				
4. Environment and Disaster Management.				
5. Current events of National and International significance.				
1. <b>History of India:</b> Emphasis should be on general understanding of political, economic and social aspects of Indian History. National Movement Candidate shall be expected to have broad over view of nature and character of the Indian freedom movement.				
2. <b>Geography of World and India:</b> Candidates will be expected to have knowledge of the Physical and Human aspects of the Geography of the World and India in general terms.				
3. <b>Indian Polity and Constitution:</b> Candidates are expected to have a basic knowledge and preliminary understanding about Indian Political system as well as Indian Constitution.				
4. <b>Environment Modern concepts of Environment, Environmental Pollution and Degradation, Environmental Management and Ethics. Disaster Management Disaster concept, types and classification. Disaster Management in India.</b>				
5. Current events of National and International significance.				
<b>G.S. Paper-II</b>				
<b>General Engineering and Technology</b>				
Computer Introduction, Number systems and their conversion, Input/output devices, Introduction to windows XP. Building construction and materials, Various functions of sand in Mortar and Concrete, Sources of Dampness and its effects, Methods used for Prevention of damping. Importance of Solar Energy, Solar Constants, Solar energy Collectors, Principles of Conversion of Solar radiation into heat. Force system, co-planar force system, equation of equilibrium, Plane truss and its analysis, two stroke and four stroke engines•turbine and compressors, jet Propulsion, Centrifugal and reciprocating pumps, True and Conventional Stress-Strain curves for common materials.				
<b>Science</b>				
Units and dimension, vectors, Newton's laws, circular motion, moment of inertia, escape velocity, orbital velocity, simple harmonic motion, pendulum, Elasticity, Viscosity and surface tension. Abberation and combination of lenses, Telescope, Eye pieces, young's double slit experiment, polarization Longitudinal & Stationary sound waves, Vibration of air column, beats, Doppler effect. Electric field & Potential, ohm's law, Kirchoff's law, motion of charge in magnetic field, Types of magnetism, Electro-magnetic induction, transformer and hysteresis loss, LCR circuits. Diode, transistor, Zener, Simple circuit & uses, deBrodglie wave, x-rays, plank's law Atomic Structure, Bohr's theory, H-spectrum. Nuclear Structure, Stability, Radioactivity & Decay, fusion & fission, nuclear energy Logic Gates He, H <sub>2</sub> , O <sub>2</sub> , Cl <sub>2</sub> , and NH <sub>3</sub> with their preparation, properties & uses. Methane, Ethane, Acetylene, Methyl isocyanate with their preparation and uses Iron, Aluminum, Copper, Zinc, Silver with their extraction Bronze and Alloys of iron Compounds with their preparation & uses :- Sodium Thiosulphate (hypo), sodium carbonate, sodium bicarbonate, borax, potassium permanganate, potash alum, bleaching powder, plaster of Paris, Calcium phosphate, sord Cement, Alcohols, Chloroform, Iodoform, glucose, fructose, Urea, Nitrobenzene, D.D.T, Soaps and detergents, oil and fats, explosive — RDX, TNG, TNT, TNP and dynamite; acetic acid, Citric acid, lactic acid, Salicylic acid and benzoic acid, Concepts of acids, bases and salts, chemical bonding - Bond Order and its relation with bond length and stability of bonds. Bond order determination of H <sub>2</sub> , N <sub>2</sub> , O <sub>2</sub> , F, CO <sup>+</sup> and NO <sup>+</sup> , Oxidation and reduction				
processes. Oxidation number, theory of dilute solutions, Electrolysis and its applications in daily life, Electrodes, Galvanic cells, Fuel Cells, first and Second Laws of Thermodynamics, Chemical equilibrium, buffer solution, hydrolysis and P <sup>H</sup> .				
<b>Social Justice</b>				
Weaker Section and its dimensions in Indian society, women, children, elders, poors, tribals, backward castes and classes ( with special reference to U.P.) Welfare Schemes for Weaker Sections of the population of the Indian society and the performance of these Schemes; Mechanism, Laws, institutions and Bodies constituted for the protection and betterment of these weaker sections. Issues relating to development and management of social sectors/services relating to health, education and human resources.				
Issues relating to Poverty, Hunger and Unemployment.				
<b>Ethics and Integrity</b>				
Philosophy, Moral Philosophy, Ethical judgment, Values, Rita, Apoorva and Adrishta Purusharth, Ashram, Moral Philosophy of Gita and Kant; Tri-Ratna (Jainism); Four Noble Truths, Pratitya samutpada; Eight Fold Path, Brahma Vihar (Buddism), Philosophy of Gandhi. Philosophical basis of Honesty and Integrity; Misconduct in Service; Codes of Ethics and Conduct; Association and Strike.				
<b>APPENDIX-4</b>				
<b>परीक्षा योजना</b>				
उ0प्र0 खादी तथा ग्रामोद्योग बोर्ड के अन्तर्गत प्रशिक्षक (खादी, कम्बल, अखाद्य तेल एवं साबुन, माचिस एवं अगरबत्ती, लोहारी/बढ़ईगीरी, चर्म) परीक्षा हेतु निम्नवत दो प्रश्न-पत्र होंगे:-				
<b>प्रथम प्रश्न-पत्र</b>				
विषय	प्रश्नों की संख्या	अंक	कुल अंक	समय
1- सामान्य हिन्दी	25 (प्रत्येक प्रश्न 03 अंक)	75	375	2.30 (ढाई) घण्टा
2- मुख्य विषय (टेक्सटाइल इंजीनियरिंग-I, केमिकल इंजीनियरिंग-I, मैकेनिकल इंजीनियरिंग-I, लैटर टेक्नोलॉजी-I)	100 (प्रत्येक प्रश्न 03 अंक)	300		
<b>द्वितीय प्रश्न-पत्र</b>				
विषय	प्रश्नों की संख्या	अंक	कुल अंक	समय
1- सामान्य अध्ययन	25 (प्रत्येक प्रश्न 03 अंक)	75	375	2.30 (ढाई) घण्टा
2- मुख्य विषय (टेक्सटाइल इंजीनियरिंग-II, केमिकल इंजीनियरिंग-II, मैकेनिकल इंजीनियरिंग-II, लैटर टेक्नोलॉजी-II)	100 (प्रत्येक प्रश्न 03 अंक)	300		
व्यक्तिगत परीक्षा (साक्षात्कार)	-	100 अंक		
कुल योग		-	375 + 375 + 100 = 850	
<b>पाठ्यक्रम प्रथम प्रश्न पत्र हेतु सामान्य हिन्दी</b>				
प्राविधिक शिक्षा-विभाग (डिप्लोमा सेक्टर) उ.प्र. के अन्तर्गत प्रधानाचार्य / व्याख्याता व कर्मशाला अधीक्षक / पुस्तकालयाध्यक्ष के लिए परीक्षा हेतु सामान्य हिन्दी का पाठ्यक्रम।				
(इसका स्तर हाईस्कूल का होगा):				
1- हिन्दी-वर्णविचार- स्वर एवं व्यंजन				
2- पर्यायवाची शब्द				
3- विलोम शब्द				
4- अनेक शब्दों के लिए एक शब्द / वाक्यांश के लिए एक शब्द				
5- अनेकार्थक शब्द				
6- उपसर्ग एवं प्रत्यय				
7- अशुद्धि-शोधन - वर्तनी-शुद्धि, वाक्य-शुद्धि				
8- तत्सम-तद्भव शब्द				
9- शब्द-युग्म, अर्थबोध (शब्दार्थ)				
10- मुहावरे एवं लोकोक्तियाँ				
11- सन्धि, समास				
12- विरामचिह्न				
13- कारकचिह्न				
14- हिन्दी-व्याकरण- संज्ञा, सर्वनाम, विशेषण, क्रिया, अव्यय, लिंग, वचन।				
<b>Syllabus for Post Prashikshak (Khadi) and Prashikshak (Blanket) Textile Engineering Paper-I</b>				
<b>Textile Fibres-I:</b> Textiles fibres & their classification, general properties of fibres, cultivation/production, structure & properties of cotton, jute, linen, wool, silk, & other natural fibres, identification of fibres by different methods, molecular weight & its determination, concept of orientation & crystallinity, concept of Tg & Tm & its determination., High performance fibres, high strength high modulus fibre, aramid fibres, carbon fibres, thermal & chemical resistant fibres, elastomeric fibres, biodegradable fibres, their manufacture, properties & application.				
<b>2. Yarn manufacture-I:</b> Spinning: sequence of cotton & its blends, ginning of cotton, objects of opening & cleaning, role of blow room machines & their principle of operation, carding: objects, functions, working principle & process parameters, cotton card, woolen & worsted cards, Objects, principles & process parameters of draw frame for cotton & its blends, process sequence of combing, principle of combing, Objectives, functions & working of gill boxes,				
calculations pertaining to blow room, card, draw frame comber & gill box. Role & function of autoleveller in card & draw frame, types of defects & remedies during blow room, carding & draw frame.				
<b>3. Fabric Manufacture-I:</b> Objects of preparatory process, different types of winding machines & their working principles, objects of warping, different types of warping machines & their principles of operation, objects of sizing, sizing ingredient, different types of sizing machines & their working, defects in winding, warping & sizing & their remedies, calculations pertaining to winding, warping, sizing & beaming.				
<b>4. Knitting:</b> Weft knitting machines, different types of weft knitted structures & machines, basic warp knitted structure, underlap & overlap, principles of tricot, Rachel & crochet machines, calculation pertaining to weft & warp knitting, process control in knitting.				
<b>5. Chemical processing-I:</b> Objective, singeing techniques, their merits and demerits, Desizing: objectives & mechanism of desizing, desizing evaluation, scouring of natural, manmade and blended textiles, evaluation of scouring efficiency, carbonisation of wool. Degumming of silk, bleaching of cotton, silk, wool, man-made fibres and blended textiles, estimation of bleaching, objectives, concepts of mercerization, Concept of color, additive, application of direct, reactive, vat, solubilized vat and sulphur dyes on cellulose fibres. Application of acid, Basic and metal complex dyes on wool and silk. Auxiliaries used in dyeing.				
<b>6. Textile Testing-I:</b> Objective of testing & sample size, methods & principles involved in testing of fibre properties, like moisture, length, fineness, tensile strength, maturity, yarn testing : count, strength, tenacity, unevenness, hairiness, principle involved in testing of various fibre & yarn properties.				
<b>7. Design of spinning machines:</b> design of drums for scutcher & speed frame, principle of designing blow room & card, definition of cam, follower & their classification, function of flywheel, design aspects in draw frame & comber, mechanism of combing, building mechanism in roving frame & ring frame, design concept of ring frame machine parts, forces acting on ring & travel, concept of rotor spinning.				
<b>Syllabus for Post Prashikshak (Non Edible Oil and Soap) and Prashikshak (Match and Agarbatti) Chemical Engineering PAPER -I</b>				
<b>(a) Fluid and Particle Dynamics</b>				
Properties of fluids, concepts of compressible and incompressible flow, Laminar and turbulent flows, Equation of continuity and Navier-Stokes equation, Bernoulli's theorem, flow meters, fluid drag and pressure drop due to friction, Reynold's Number, friction factor and pipe roughness, pumps, jet ejectors, compressors, blowers, fans. Agitation and mixing of liquids/solids/pastes, screening, crushing, grinding, principles and equipments. Rittinger's, Kick's and Bond's laws, filtration and equipments. Free and hindered settling, concept of fluidization, transport of solids.				
<b>(b) Mass Transfer</b>				
Molecular diffusion, Fick's law of diffusion, mass transfer coefficients, film and penetration theories, distillation, relative volatility, fractional distillation, plate and packed columns of distillation, calculation of theoretical number of plates. Liquid-liquid extraction, absorption & stripping, drying, humidification, dehumidification, leaching, crystallization, adsorption isotherms.				
<b>(c) Heat Transfer</b>				
Conduction, thermal conductivity, extended surface heat transfer. Free and forced convection, heat transfer coefficients, Nusselt number, co-current and counter current flow, LMTD, fouling factor. Design of double pipe and shell & tube heat exchangers, analogy between heat and momentum transfer, boiling and condensation, single and multiple effect evaporators. Radiation, Stefan-Boltzman Law, emissivity and absorptivity, calculation of heat load of a furnace, Solar heaters.				
<b>(d) Advance Separation Processes:</b> Fundamentals of separation process, equilibrium separation processes, ion exchange, electro-dialysis, reverse osmosis, ultra-filtration, molecular distillation, super critical fluid extraction.				
<b>(e) Process Equipment design</b>				
Basic design procedures and the theory, factors affecting vessel design, cost considerations, design of storage and pressure vessels, design of flat and elliptical head, design of supports, characteristics and selection of materials of construction.				
<b>(f) Process Dynamics Instrumentation and Control</b>				
Measuring instruments for level, pressure, flow, temperature, pH and concentration. Control variables, manipulated variable and load variables. Laplace transforms, transfer functions of first and second order systems, Block diagram representation, controllers and their transfer functions, stability of closed loop system, Routh array test, transient and frequency response, Bode plots.				
<b>Syllabus for Post Prashikshak (Blacksmithy and</b>				



<p style="text-align: center;"><b>Carpentry)</b> <b>MECHANICAL ENGG./</b> <b>PAPER —I</b></p> <p><b>1. Engineering Mechanics:</b> Analysis of Force Systems, Friction, Centroid and Centre of Gravity, Trusses, Bending Moment and Shear Force diagrams, Kinematics and Kinetics of Rigid Bodies.</p> <p><b>2. Mechanisms and Machines:</b> Velocity and Acceleration analysis, Cams and Followers, Gears and gear trains, Clutches, Brakes and Dynamometers, Flywheel and Governors, Braks and Dynamometers, Balancing of rotating and Reciprocating Masses, Balancing of Multi Cylinder Engines, Free and Forced Vibration, Gyroscopic Stabilization, Whirling of Shafts.</p> <p><b>3. Mechanics of Solids:</b> Stresses and Strains, Compound Stresses and Strains, Torsion of circular Shafts, Slope and Deflection, Unsymmetrical bending, Curved Beams, Thin and Thick Cylinders, thin Spheres, Helical and Leaf Springs, Buckling of Columns.</p> <p><b>4. Design of Machine Elements:</b> Design for Static and Dynamic Loading, Theories of failures, Fatigue, Design of Rivetted, Welded and Bolted Joints, Shafts, Gears, Bearings, Clutches and Brakes.</p> <p><b>5. Engineering Materials:</b> Crystal Systems and Crystallography, Crystal Imperfections, Phase Diagrams, Iron Carbon Equilibrium Diagram, Heat Treatment, Ferrous and Non Ferrous Metals and Alloys, 'Mechanical Properties and Testing.</p> <p><b>6. Manufacturing:</b> Metal Casting, Metal joining, Metal forming, Mechanics of Metal cutting, Machining and Machine Tool Operations, Unconventional Machining, Limits, Fits and Tolerances, Inspection: Surface Roughness and its measurement; Comparators, Computer Integrated Manufacturing, Flexible Manufacturing Systems, Jigs and Fixtures.</p> <p><b>7. Industrial Engineering:</b> Production Planning and Control, Inventory Control, Operations Research, CPM and PERT.</p> <p><b>8. Mechatronics and Robotics:</b> Microprocessors and Micro Controllers, Architecture, Programming, Computer Interfacing, Programmable Logic Controllers, Sensors and Actuators, Piezoelectric Accelerometers, Hall Effect Sensors, Optical Encoder, Resolver, Inductosyn, Pneumatic and Hydraulic Actuators, Stepper Motor, Control System, Mathematical Modelling of Physical Systems, Control Signals, Controllability and Observability. Robotics : Robot Classification, Robot Specification, Notation, Direct and Inverse Kinematics, Homogeneous Co-ordinates and Arm Equations of four Axis SCARA Robot.</p>	<p><b>Structure of collagen:</b> primary structure of collagen, amino acid composition, molecular conformation amino acid sequence in collagen in relation to molecular conformation-X-ray diffraction pattern, the triple helix structure, electron microscopy of the collagen fiber.</p> <p><b>Aggregation phenomenon of collagen:</b> precipitated form of collagen, Kinetics of fibril formation.</p> <p><b>Thermal transition:</b> Thermal transition in collagen and their relation with amino acid composition and environmental-temperature, Denaturation temperature, Mechanism of Denaturation process, Renaturation of gelatin solution.</p> <p><b>Effect of enzymes on collagen:</b> Collagenasis, proteolytic enzymes, selective proteolysis and telopeptides.</p> <p><b>Reactive groups in collagen:</b> Modification of reactive groups of collagen modified proteins.</p> <p><b>Other skin properties:</b> Keratin, Reticulin, elastin- their chemical composition, structure and functions, nonfibrous skin proteins.</p> <p><b>Non proteinous skin components:</b> Lipids, carbohydrates vitamins, mineral constituents.</p> <p><b>Pre-tanning process:</b> Flaying, curing, defect of hides and skins, chemistry and principle of different pretanning process- soaking, liming, deliming, bating, degreasing, pickling and depickling process control.</p> <p><b>UNIT-III</b> <b>INORGANIC AND ORGANIC TANNING</b></p> <p><b>Theory &amp; behavior of group elements:</b> Werners co-ordination theory, behaviour of group elements, chromium, Aluminium, Zirconium, Iron, Titanium, Difference between salts of these elements.</p> <p><b>Chrome Tanning:</b> Chromium complexes and their structures, study on the phenomena of hydrolysis, olation, oxolation, polymerization of chrome complexes, masking principle of masking, affect of masking on chrome tannage, Method of chrome tannage, preparation of chrome liquors and powders, influence of reducing agent on nature of chrome complexes mechanism of chrome tanning, variable parameters of chrome tanning.</p> <p><b>Vegetable tanning:</b> Mechanism of vegetable tanning, factors affecting vegetable tannage, process of vegetable tanning.</p> <p><b>Aluminium Tanning, Zirconium Tanning, Neutralization, Combination Tannage.</b></p> <p><b>Collagen Tanning:</b> Concept of tanning, leather properties of dependent on tanning.</p> <p><b>Vegetable tannins, Hydrolysable tannins, Condensed tannins, Biosynthesis of plant polyphenols, Synthetic tannins, Resin and Polymeric Tannages, Aldehyde tannage.</b></p>	<p>nappa, and burnishable Upper leathers, Printed, Shrunken grain and upholstery leathers Water proof and water repellent upper leather, Nubuk and white leather. E.J. tanning, dressing of E.I. tanned leathers in to upper, lining, Bag leather, leather for leather goods kattas, bunwar etc.</p> <p>Different types of leathers using chrome splits, Formulation and different dyestuffs, fat liquors, retaining agents.</p> <p style="text-align: center;"><b>For General Studies</b> <b>Paper-II</b></p> <p><b>1. History of India.</b> <b>2. Geography of India.</b> <b>3. Indian Polity and Constitution.</b> <b>4. Current events of National and International significance.</b></p> <p><b>1. History of India:</b> Emphasis should be on general understanding of political, economic and social aspects of Indian History.</p> <p><b>2. Geography of India:</b> Candidates will be expected to have knowledge of the Physical and Human aspects of the Geography of India in general terms.</p> <p><b>3. Indian Polity and Constitution:</b> Candidates are expected to have a basic knowledge and preliminary understanding about Indian Political system as well as Indian Constitution.</p> <p><b>4. Current events of National and International significance.</b></p> <p style="text-align: center;"><b>Syllabus for Post Prashikshak (Khadi) and Prashikshak (Blanket)</b> <b>Textile Engineering</b> <b>Paper-II</b></p> <p><b>1. Textile Fibre-II:</b> Regenerated &amp; synthetic fibres, concept of polymerization &amp; manufacturing process of regenerated &amp; synthetic fibres by melt, dry, wet &amp; dry-jet wet spinning methods, structure &amp; properties of regenerated &amp; synthetic fibres &amp; their uses concept of as spun, POY &amp; FOY, objectives &amp; principles of different methods of texturing &amp; process parameters involved in texturing. concept of drawing &amp; heat setting.</p> <p><b>2. Yarn Manufacture-II:</b> Principles &amp; process parameters of speed frame &amp; rubbing frame, Objectives &amp; working of ring frame, &amp; mechanism involved in drafting, twisting &amp; winding at speed frame &amp; ring frame, spinning of long staple fibres like jute, wool, &amp; silk etc, objects of doubling, types of doubling systems, calculations pertaining to blow room, card, draw frame, combing, speed frame, ring frame &amp; doubling &amp; TFO. Principle involved in Rotor spinning, Principle of operation of DREF-II &amp; DREF-III machines, Principle &amp; mechanism of air-jet, air vortex, ply-fil, wrap, electrostatic spinning, textured yarn manufacture. idealized helical geometry, packing of fibres in a yarn, fibre migration,</p> <p><b>3. Woven Fabric Manufacture:</b> Different methods of fabric manufacturing- woven, knitted &amp; non- woven, types of shuttle loom &amp; their mechanism, role &amp; working of tappet, dobby &amp; jacquard &amp; their developments, picking, beat-up, let off &amp; take up mechanism in loom, role &amp; working of various stop motions, features of automatic shuttle looms, different types of shulleless loom viz; air-jet, water-jet, rapier, projectile &amp; their principle &amp; mechanism, elements of fabric geometry,</p> <p><b>4. Non-Woven:</b> Classification of non-woven fabrics, principles of web formation, web characteristics and their influence on properties, bonding techniques, needle punching, spun bonding techniques, application of different types of non woven structures,</p> <p><b>5. Fabric Structure &amp; design:</b> Basic elements of fabric design, plain, twill, sateen, huck-a-back, weaves their derivatives construction, objectives of extra warp &amp; weft design, warp backed &amp; weft backed design, different types of double cloth construction, geometrical &amp; floral design, damask &amp; brocade design, tapestry structure, basis of carpet &amp; textile design, Indian motif, historical, aesthetical, traditional textile, Jamdani, Bandhani, Batik prints, digital printing, screen Printing, block printing, colour forecasting of carpet &amp; textile design, computer aided design &amp; its importance, fabric geometry, square &amp; jammed structure, fabric deformation under stress.</p> <p><b>6. Chemical processing-II:</b> Dyeing of polyester with disperse dye, nylon with acid dye, acrylic with cationic dyes, methods of dyeing blends, Characteristics of printing paste ingredients, classification and mechanism of thickeners, printing methods, styles of printing, printing after treatments, Objects &amp; types of finishing, mechanical finishing, chemical &amp; functional finish, mechanism, flame retardant finishes, water repellent finishes etc.</p> <p><b>7. Textile Testing-II:</b> Fabric testing: gsm, thickness, cover, air permeability, moisture &amp; water transmission, wetting &amp; wicking properties, compressibility, tensile, tear &amp; bursting strength, abrasion &amp; pilling resistance, FAST &amp; KESF properties etc,</p> <p><b>8. Designing of Weaving m/cs:</b> Designing concept of drum winding machine, concept of warping, transmission of motion in warping, designing of sizing machine, kinetics of sley, sley eccentricity, designing concept of tappet, different pick insertion systems, working of various stop motion.</p>
<p style="text-align: center;"><b>Syllabus for Post Prashikshak (Leather)</b> <b>Leather Technology</b> <b>PAPER-I</b></p> <p><b>UNIT-I</b> <b>Microscopy and Bacteriology</b></p> <p><b>History:</b> Histology of hides and skins-cells, tissues, fibers, muscles, glands, epidermis, dermis etc. histological characteristics of buffalo and cow hides, goat and sheep skins, reptiles skins. <b>Compound Microscope:</b> Mechanical and optical part of compound microscope, image formed, defects in eye pieces and their rectification etc. different types of microscopes.</p> <p><b>Microscopical slides:</b> Preparation of microscopical slides, finishing and hardening, embedding, sectioning, staining and counting the photomicrography.</p> <p><b>Fiber Structure and Assessment:</b> Orientation of fiber, structure in curing, soaking, limping, picking tanning and optimal conditioning of fiber structure in various types of leather assessment of leather.</p> <p><b>The Bacterial Cell and its Internal Structure:</b> Nutrition of bacteria and the preparation of culture media. Metabolism and respiration of bacteria-sterilization-effect of environment upon bacteria-isolation and identification of bacteria classification of bacteria usually found ion hides and skins-bacterial proteolysis disinfections and disinfectants-bacteriology of curing soaking, liming and bating.</p> <p><b>Mycology:</b> Isolation, identification and classification of fungi associate with leather processing, Morphology and physiology of fungi, Mycological problems of leather industry and their prevention.</p> <p><b>Entomology:</b> Influence of the following parasite diseases, skin leather quality and their prevention, warbles ticks, mosquito lice, insect damage to dry hides and skin caused by hide beetles and moths and their prevention.</p> <p><b>Leather Biotechnology:</b> Chemistry of DNA &amp; RNA, structure conformation, classification of enzyme, essentials of biotechnology, restriction of enzyme.</p> <p><b>UNIT-II</b> <b>SKIN COMPOSITION, PROTEIN AND PRE-TANNING PROCESS</b></p> <p><b>Chemical Constituents of hides and skins:</b> Variation fibrous and non-fibrous proteins, non-proteinous skin components.</p> <p><b>General and physical chemistry of proteins:</b> with special reference to hide proteins, chemical constituents of hides and skins, reaction of proteins with acids, base and salts.</p>	<p><b>POST TANNING AND FINISHING OPERATION FOR LEATHER MANUFACTURING</b></p> <p><b>Chemistry of Bleaching and Mordanting agent:</b> Dyeing: Principles of colour chemistry, Classification of leather dyes, Blending of dyes, Principles of color matching, Theory and mechanism of dyeing, Dyeing methods, Light fastness of dyeing, Dyeing auxiliaries such as leveling agents, wetting agents, Dispersing agents and Dye fixatives.</p> <p><b>Leather Auxiliaries :</b> Fat Liquoring agents, Pigments, Binders, Lacquers.</p> <p><b>Washing, Neutralization, Oil, Fat and Fat liquoring. Water Proofing.</b></p> <p><b>Finishing Materials:</b> Properties, Chemistry and methods of preparation of Nitrocellulose lacquers and lacquer Emulsions, Wax emulsions, Silicone emulsions.</p> <p><b>UNIT-V</b> <b>LEATHER PROCESSING</b></p> <p><b>Processing of Leather From Goat skins:</b> Glazed kid, resin uppers, glazed uppers, shoe suede, garment suede, Lining leathers. Chamois leathers, printed leathers, morocco and book binding leathers, E.I. Goat skins and their dressing into different types of leathers.</p> <p><b>Processing of Leather From Sheep Skins:</b> Vegetable tanning and chrome tanning of sheep skins, conversion into different types of finished leathers-sheep nappa, garment, suede, uppers. Lining leathers, glove leathers, diaphragm leathers.</p> <p><b>Exotics and others:</b> Reptile leathers, hair on tanning and dressing of fur skins.</p> <p><b>Upgrading of leathers:</b> Retanning special finishing effects for up gradation of lower ends like Embossing, screen printing block printing, transfer film finishing, seal and Sink finish, popcorn effect, punching etc. Roller coating and other modern equipments, Burnishable and oil pull up leathers</p> <p><b>Heavy Leathers:</b> Vegetable tanned sole leathers, Bag tanning, different types of finished leathers, Belting leathers, Harness and saddlery leathers, Chrome and waxed soles, picking band leathers. Picker and apron leathers, Hydraulic and pneumatic leather such as hand pump leathers.</p> <p>Leather for liquification plants for air, Oil seal, Gas, etc. Sports Goods leathers like Football. Rugby ball, Volley ball, Hockey ball, Cricket Ball etc. Gloves leathers for wicket keepers, Batting, Boxing etc).</p> <p><b>Light Leather:</b> Full chrome retan, hunting suedes, softies,</p>	<p style="text-align: center;"><b>Syllabus for Post Prashikshak (Non Edible Oil and Soap) and Prashikshak (Match and Agarbatti)</b> <b>Chemical Engineering</b></p>



<p style="text-align: center;"><b>PAPER-II</b></p> <p><b>(a) Material and Energy Balance</b> Gas law, material balance without chemical reactions, material balance with chemical reactions, recycle/ bypass/ purge calculations, combustion of solid/liquid/gaseous fuels, energy balance calculations, heat of reaction, adiabatic flame temperature.</p> <p><b>(b) Chemical Engineering Thermodynamics</b> Laws of thermodynamics, PVT relationship for pure components and mixture, Maxwells relations, Fugacity, activity and chemical potential, vapor liquid equilibria for ideal/non-ideal, single and multi component systems. Criteria for chemical reaction equilibrium, equilibrium constant and equilibrium conversions, heat engines, heat pumps, refrigeration and related cycles.</p> <p><b>(c) Chemical Reaction Engineering</b> Molecularity and order of reactions, theories of reaction mechanism, kinetics of homogeneous reactions and interpretation of kinetic data. Ideal flow reactors(batch, mixed, plug flow) and their performance equations, series and parallel reactions, multiple reactor system, temperature and pressure effects. Heterogeneous reactions, catalytic and non-catalytic reactions, gas-solid and gas-liquid reactions, effectiveness factor, non isothermal reactors and reactor stability.</p> <p><b>(d) Chemical Technology</b> Wood based chemicals, pulp and paper, sugar industry, edible oils extraction, soaps and detergents, biogas, coal and coal chemical, petroleum refining, (Atmospheric distillation/cracking/reforming), polyethylene's (LDPE/ HDPE/ LLDPE), PVC, Polystyrene, ammonia manufacture, cement and lime industries, paints and varnishes, glass and ceramics, alcohol and antibiotics, nitrogenous and phosphatic fertilizers.</p> <p><b>(e) Environmental Pollution Monitoring &amp; Control</b> Safety, ecology and environment, sources of pollutants in air and water, green house effect, ozone layer depletion, acid rain. Micrometeorology and dispersion of pollutants in environment, water quality index (WQI), air quality index (AQI), measurement techniques of pollutant levels and their control strategies. Solid wastes, their hazards and disposal techniques, Design and performance analysis of pollution control equipment, fire and explosion hazards, HAZOP and HAZAN, disaster management, environment protection acts.</p> <p><b>(f) Process Engineering Economics</b> Fixed and working capital, cost estimation and comparison of alternatives. Net present value, pay back analysis. IRR, depreciation, taxes and insurance, break even point, PERT and CPM, profit and loss account, balance sheet and financial statement. Plant location/and plant layout including piping.</p> <p style="text-align: center;"><b>Syllabus for Post Prashikshak (Blacksmithy and Carpentry)</b> <b>MECHANICAL ENGG.</b> <b>PAPER -II</b></p> <p><b>1. Thermodynamics:</b> Thermodynamic Systems and Processes, Properties of Pure Substances, Concepts and Applications of Zeroth, First and Second Law of Thermodynamics, Entropy, Availability and Irreversibility, detailed Analysis of Thermodynamic Cycles, Ideal and Real gases, Fuels and Combustion.</p> <p><b>2. Fluid Mechanics:</b> Basic Concepts and Properties of Fluids, Manometry, Fluid Statics, Buoyancy, Equations of Motion, Bernoulli's Equation and Applications, Viscous Flow of incompressible fluids, Laminar and turbulent flows, Flow through pipes and head losses in Pipes, Isentropic and Adiabatic Flows, Normal Shock Waves.</p> <p><b>3. Heat Transfer:</b> Modes of Heat Transfer, Steady and unsteady heat Conduction, Thermocouple time constant, critical thickness of insulation, Heat Transfer from Fins, Momentum and energy Equations for Boundary Layer flow on a Flat Plate. Free and Forced convection Radiative heat transfer, Stefan-Boltzmann law, Shape Factor, Black and Grey Body radiation, heat exchanger, Boiling and Condensation, Heat Exchanger Performance Analysis, LMTD and NTU-Effectiveness Methods.</p> <p><b>4. Energy Conversion:</b> SI and CI engines, Performance Characteristics and Testing of IC Engines, Fuels, Combustion Phenomena in SI and CI Engines, Carburetion and Fuel Injection Systems, Emission and Emission Control. Reciprocating and Rotary Pumps, Pelton wheels, Francis and Kaplan Turbines, velocity Diagrams, Impulse and Reaction Principles, Steam and Gas Turbines, Rankine and Brayton Cycles with regeneration and reheat, High Pressure Boilers Drafts, Condensers. Unconventional Power Systems Including Nuclear, MHD, Biomass, Wind and Tidal Systems. Utilization of Solar Energy, Reciprocating and Rotary Compressor; Theory and applications, Theory of Propulsions, Pulsejet and Ramjet Engines.</p> <p><b>5. Environmental Control:</b> Vapour, Compression, Vapour Absorption, Steam jet and Air Refrigeration Systems, Properties of Refrigerant and their Nomenclature, Psychrometric Properties and Processes, Psychrometric Relations, Use of Psychrometric chart, Load Estimation, Supply Air Conditions, Sensible Heat Factor, Air Conditioning; System Layout, Comfort Chart, Comfort and</p>	<p>Industrial Air Conditioning.</p> <p style="text-align: center;"><b>Syllabus for Post Prashikshak (Leather)</b> <b>Leather Technology</b> <b>PAPER-II</b></p> <p><b>UNIT-I</b> <b>ANALYSIS OF WATER AND DEFERENT CHEMICALS USED FOR MANUFACTURING OF LEATHER</b> <b>Analysis of water:</b> Type of water — principle of analytical method employed in analysis of water effect of hardness of water on various processes in leather manufacture softening of water. <b>Water Analysis:</b> Temporary hardness, Permanent hardness, Total hardness, Chloride content, Sulphate content, Iron content. <b>Analysis of Various Chemicals and Auxiliaries used in Leather Processing:</b> Analysis of common salt, Analysis of lime-available lime, Total bases, Analysis of sodium sulphide, Aluminum salt, Deliming agents, Bates, Neutralizing agents. Oils and Fats, sulfated oils, soap, fat liquors and other auxiliaries like resin binders, wax emulsions etc. <b>Analysis of Liquors of beam House Processes:</b> Soak liquor, Analysis of used lime liquors-lime, sodium sulphide, salt content and Analysis of pickle liquor. <b>Analysis of Tanning Agent:</b> Vegetable tanning materials and extracts, chrome extracts and liquors, zirconium and Aluminum Tanning agent, formaldehyde, Analysis of bate, Analysis of oils, moisture, acid value, saponification value, iodine value, unsaponifiables, Analysis of sulphate oils-moisture, pH, acid value, total alkalinity organically combined SO<sub>3</sub>, Na groups.</p> <p><b>UNIT-II</b> <b>PHYSICAL, CHEMICAL AND INSTRUMENT ANALYSIS OF LEATHER AND QUALITY CONTROL OF LEATHER</b> <b>Chemical analysis of pelts and Leathers:</b> Principles and methods of analysis of limed and pickled pelt, chemical testing of vegetable tanned/chrome tanned/aluminum tanned/zirconium tanned/ formaldehyde tanned, combination tanned leathers. <b>Physical Testing of Leather:</b> Sampling position for physical testing of leather. Different methods employ for physical testing of leather. Principle involved in Static and Dynamic methods of non destructive testing of leathers. Different methods in testing of colour fastness of leathers. <b>Standards and quality Control:</b> Quality control in leather processing, Rectification of defects in hides, Skin and Leathers, control of yield, colour and finish of leather etc. Physical and chemical characteristics (standard specifications) of various types of leathers. <b>Instrument Analysis:</b> Potentiometry, non-aqueous titrations, conductometry chromatography, spectrophotometry and colorimetry, ion-exchange resins, electrophoresis. Principles and their application analysis.</p> <p><b>UNIT-III</b> <b>TANNERY POLLUTION AND TREATMENT</b> <b>Pollution:</b> Types of water pollution, physical, chemical, physiological and biological pollutants, Pollution effects of land ground after, surface water, aquatic life and sea. <b>Tannery Effluents:</b> Types of tannery effluents, characteristics of effluents from Beam House Process, tan yard process and finishing yard process- Estimation of OD, BOD, COD, heavy metals(Ca, Cr, Pb and Hg) and total dissolved solids in waste water. <b>Primary treatments:</b> Waste water drainage and collection system in tanneries, screens, equalization of waste water, primary treatment unit. <b>Secondary Treatment Systems:</b> Lagoon treatment, aeration systems, trickling filter, design criteria, Biotechnology in effluent and disposals. <b>Effluent Disposal:</b> Types of effluent disposal, standards and specification Indian Standards, specification for industrial effluent discharge. <b>Water for Tanning:</b> Water for tanning process, recovery and reuse of water in tanning Industry, utilization of treated effluents. <b>Solid Waste Management:</b> Solid wastes from tanneries origin and disposal, utilization sludge disposal from treatment system.</p> <p><b>UNIT-IV</b> <b>LEATHER TRADE ENGINEERING</b> Clutch mechanism, crank-slide and straight motion and lever mechanism and development of tannery machines. Balancing and Vibration - their application in high speed slicking action for helically bladed cylinders, Bush, ball, roller and ring oil bearings, cam, springs and their application and function in tannery machines. Development of hydraulic and pneumatic steering mechanisms accessories and control applied to tannery machines, air compressors, dust control equipment, blowers, etc. Automatic controls and their application in all Instruments, drying mechanisms and different types of dryers. Detailed study of Beam-house, tanning and finishing machines, their description, construction with sketch,</p>	<p>selection, Foundation and Erection of machinery. Latest development of leather processing vessels Internal transport, safety precautions, power, water and steam distribution, drainage and disposal in tanneries. Maintenance of tannery buildings: Electrical, steam and water lines, tanning machinery, routing prevent maintenance, automatic and mechanization of tanneries.</p> <p><b>UNIT-V</b> <b>LEATHER PRODUCT TECHNOLOGY AND COMPUTER AIDED DESIGN</b> <b>OVERVIEW:</b> Classification of leather Goods &amp; Garments. Selection of materials Grading and assorting of Leathers for Leather Goods &amp; Garments. Property Requirement for Leather and Lining materials, Accessories for leather Goods and garments. <b>CUTTING:</b> Hand and Machine Cutting, Pattern interlocking, various types of assembly Techniques, skiving, splitting, folding, Sewing Quality Control measures in Leather products manufacture. <b>Machinery needs for leather goods manufacture.</b> <b>Organization, Classification of leather based sports goods.</b> Anatomy of human foot, Function of the foot, Foot comfort and Common foot abnormalities, Foot and Last measurement, Shoe sizing system and fittings. Designing and pattern making, Different types of footwear, Various components of footwear, Basics concepts of design and pattern cutting, Grading methods, Various allowances, Applications of computer aid designing, Materials of leather products-Selection of leather and non-leather materials for different components of footwear and garments. Computer aided design, CAD, CPU, Data storage, Input/output devices, Function of CPU, Main memory and backup storage devices, Selection of Input/output devices, Operating system, Application of software for Footwear.</p> <p style="text-align: right;"><b>Secretary</b></p>
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