



Assistant Teacher (Trained Graduate Grade Men / Women Branch) Examination - 2018

Date of commencement of On-Line application : 15/03/2018
Last Date for Receipt of Examination Fee in the Bank : 12/04/2018
Last Date for Submission of Application : 16/04/2018

IMPORTANT

The Candidates are not required to send hard copy of their On-Line Application Form. The Candidates shall be allowed to appear in the examination provisionally on the basis of claims as made in their On-Line Application Form regarding Academic Qualifications / reservation etc., and under the conditions of being selected, their Selection / Candidature shall be totally provisional. The Candidates shall have to submit the hard copy of their On-Line Application Form alongwith original and self attested photocopies regarding their Academic / Reservation Certificates in support of their claims as rendered in the On-Line Application Form. If the claims made in their On-Line Application Form are not substantiated by the relevant documents, their Candidature / Selection shall be rejected and they can be debarred from all the future examinations / selections made by the Commission also including other appropriate penalties. In this connection, a separate press-communicate shall be published in due course by the Commission.

SPECIAL NOTICE : (a) On-Line Applications will be accepted only when prescribed fee is deposited in the Bank upto prescribed last date for fee deposition. If the fee is deposited in Bank after the last date prescribed for fee deposition, the on-line application of the candidate will not be accepted and the fee deposited in the Bank will not be refunded in any condition. It will be responsibility of the candidates to deposit fee in the Bank upto the last date prescribed for fee deposition and to 'submit' the application upto the last date prescribed for submission of applications. It is also informed that less or more amount deposited in the form of examination fee shall not be refunded in any condition.

(b) In Online Application System, the candidates have to provide their Mobile No. in prescribed column failing which their Basic Registration shall not be completed. All relevant informations / instructions shall be sent through SMS on that mobile.

NECESSARY INFORMATION TO APPLICANTS FOR FILLING THEIR APPLICATIONS THROUGH ON-LINE

This advertisement is also available on the Commission's website <http://uppsc.up.nic.in>. The online application system is applicable for applying against this advertisement. Applications sent by any other mode shall not be entertained hence candidates are advised to apply On-line only. In connection with On-line application, candidates are advised to go through the instructions thoroughly as under and apply accordingly:-

1. When the candidate clicks "ALL NOTIFICATIONS/ADVERTISEMENTS" on the Commission's website <http://uppsc.up.nic.in> the On-line advertisement shall be automatically displayed, wherein there shall be 3 parts given as below:

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

A list of all the advertisements will be displayed in which "On-line System" is applicable. The Instructions for filling "On-line form" have been given in User Instruction. The Candidates desirous to see the advertisement will have to click before 'View Advertisement' to which they are desirous to see, full advertisement will be displayed along with sample snapshots of ON-LINE Application Procedure. Click on "Apply" for On-line Application.

On-line application will be completed in three stages :

First Stage: On clicking "Apply", Candidate Registration will be displayed. Basic Registration form will be displayed on clicking the 'Candidate Registration' respective to Examination. After filling the Basic Registration form, the candidates must check all the informations filled by them. If any correction / modification is required, click on 'Click here to modify' and ensure the required corrections / modifications. After being fully satisfied with all the informations filled, click on 'Submit Application'. Consequently, the registration of first stage shall be over. Thereafter "Print Registration Slip" shall be displayed and Print of Registration Slip must be taken by clicking on Print Registration Slip.

Second Stage: After the completion of the procedure of first stage, 'Fee to be deposited [in INR]' shall be displayed with caption "Click here to proceed for payment". After clicking the above caption of "Click here to proceed for payment", home page of State Bank MOPS (Multi Option Payment System) shall be displayed comprising of 03 modes of payment viz. (i) NET BANKING (ii) CARD PAYMENTS and (iii) OTHER PAYMENT MODES. After depositing the required fee by any one of the above prescribed modes, "Payment Acknowledgement Receipt (PAR)" shall be displayed alongwith detail of fee deposition, the print of which must be taken by clicking on "Print Payment Receipt".

Third stage: On completion of the procedure of second stage, click on "Proceed for final submission of application form" as a result of which 'format' shall be displayed. The candidates are required to enter all the required informations in the format. The photo and signature, duly scanned shall be uploaded also. The candidate should scan his/her photograph and signature in the prescribed size (the size will be mentioned at the specified space in the On-line application). This should also be kept in notice that the photo must be latest passport size. In case the photo and signature, scanned in the prescribed size, are not uploaded, then the On-line system will not accept it. The procedure related for scanning of the photo and signature is laid down in the **Appendix-1**. After filling in all entries in the format, the candidates may click "PREVIEW" to see for themselves that all entries and informations are correctly entered and after satisfying themselves should click "Submit" button to forward the same to the Commission. It is essential that the candidate should fill all informations On-line correctly according to the instructions given and click the 'Submit' button by the last date prescribed for submission of the application form. If the candidate does not click the "Submit" button, the ON-LINE application process shall not be completed finally and the candidate shall be accountable for this. After clicking the 'Submit' button, the candidate may take a print of the application to preserve it with them. In the event of any discrepancy, the candidate will be required to submit the said print in the office of the Commission, otherwise his/her request shall not be entertained. The candidates are not required to send their hard copy of On-Line application alongwith self attested copies of certificates to the commission.

2. The Application once submitted, will not be modified in any condition.
3. **Application Fee:** In the ON-LINE Application process, after completing the procedure of first stage, Category wise prescribed examination fee is to be deposited as per instructions provided in second stage. The prescribed fee of examination for different categories is as under:-

- (i). Unreserved / Other Backward Class - Exam fee Rs. 100/- + On-line processing fee Rs. 25/- Total = Rs. 125/-
- (ii). Scheduled Caste/ Scheduled Tribe - Exam fee Rs. 40/- + On-line processing fee Rs. 25/- Total = Rs. 65/-
- (iii). Handicapped - Exam fee NIL + On-line processing fee Rs. 25/- Total = Rs. 25/-
- (iv). Dependents of the Freedom Fighters/ Ex-Serviceman/ Women - According to their original category

4. The Basic Registration of such candidates will not be accepted who have been debarred from U.P. Public Service Commission and their period of debar has not been completed. In addition to above, the applications submitted without requisite informations regarding debar, if it is found at any stage in future that the applications have been submitted concealing this fact, his/her candidature will be rejected at any stage and the commission will consider to debar from all future examinations/selections including extension of debar period. In this regard, if the claims of the candidates made in their applications are not found true, they can be debarred not only from the examination in question but from all the future examinations and selections made by the commission also including other appropriate penalties.

5. If the candidates want some correction or change in their submitted applications, they can submit another fresh complete applications ON-LINE with desired corrections along with prescribed fee within the last notified dates of the advertisement. The application fee deposited with the prior application will neither be returned nor adjusted in any condition. In the aforesaid condition, the application of that Registration No. on which admit card candidate will appear in the examination, will be treated as final.

6. The U.P. Public Service Commission shall hold a Written Examination (objective type) at various Centres of the Districts mentioned in **Appendix-2** of this advertisement for selecting suitable candidates for the post of Assistant Teacher (Trained Graduate Grade Men / Women Branch). The selection will be made only as per Merit prepared on the basis of marks obtained by the candidates in the aforesaid written examination. The Date and Centre of Examination, decided by the Commission, will be intimated to the candidates by means of their e-Admission Certificate. The number of Districts/centres may be increased/decreased according to final number of applications received in the office of the Commission.

7. **No. of Vacancies:** - Presently, the number of vacancies for Recruitment are 10768 in which For Men Branch 5364 vacancies and for Women Branch 5404 Vacancies. Subject wise/Reservation wise vacancies details of Men Branch and Women Branch are given as below:-

Subject wise/Reservation wise detail of vacancies of Assistant Teacher (Trained Graduate Grade / Men Branch)											
Sl. no	Name of subject	No. of Vacant posts	Unreserved	Other Backward Class	Scheduled Caste	Scheduled Tribe	Physically Challenged			Ex-Army	Dependents of Freedom Fighter
							Drishti Badhit	Shravan Hrass	Chalan Kriya Badhit		
1	2	3	4	5	6	7	8	9	10	11	12
1-	Hindi	696	348	188	147	13	6	7	8	36	14
2-	English	645	322	174	137	12	6	7	6	32	12
3-	Math	561	280	151	119	11	4	6	6	28	12
4-	Science	571	285	154	121	11	4	6	6	28	12
5-	Social Science	926	462	250	196	18	9	9	9	46	19
6-	Computer	898	449	243	189	17	8	10	10	45	18
7-	Urdu	71	35	20	15	1	1	1	1	3	1
8-	Biology	336	168	92	70	6	3	3	4	18	6
9-	Sanskrit	274	137	74	58	5	2	3	2	13	5
10-	Arts	192	96	52	41	3	2	2	2	10	3
11-	Music	8	4	2	2	0	0	0	0	0	0
12-	Commerce	26	13	7	5	1	0	0	0	1	1
13-	Physical Education	140	70	39	29	2	1	2	1	6	2
14-	Home Science	1	1	0	0	0	0	0	0	0	0
15-	Agriculture	19	10	5	4	0	0	0	0	1	0
	Total	5364	2680	1451	1133	100	48	57	56	267	107

Subject wise/Reservation wise detail of vacancies of Assistant Teacher (Trained Graduate Grade / Women Branch)											
Sl. No	Name of subject	No. of Vacant Posts	Unreserved	Other Backward Class	Scheduled Caste	Scheduled Tribe	Physically Challenged			Ex-Army	Dependents of Freedom Fighter
							Drishti Badhit	Shravan Hrass	Chalan Kriya Badhit		
1	2	3	4	5	6	7	8	9	10	11	12
1-	Hindi	737	369	198	155	15	7	7	7	37	15
2-	English	675	338	181	142	14	7	7	7	34	14
3-	Math	474	237	128	100	9	5	5	5	24	9
4-	Science	474	237	128	100	9	5	5	5	24	9
5-	Social Science	928	464	250	195	19	9	9	9	46	19
6-	Computer	775	388	208	163	16	8	8	8	39	16
7-	Urdu	62	31	17	13	1	1	1	1	3	1
8-	Biology	259	130	70	54	5	3	3	3	13	5
9-	Sanskrit	242	121	65	51	5	2	2	2	12	5
10-	Arts	278	139	75	58	6	3	3	3	14	6
11-	Music	60	30	16	13	1	1	1	1	3	1
12-	Commerce	3	1	1	1	0	0	0	0	0	0
13-	Physical Education	168	84	46	35	3	2	2	2	8	3
14-	Home Science	269	135	73	56	5	3	3	3	13	5
	Total	5404	2704	1456	1136	108	54	54	54	270	108

Post- Temporary, Pay Scale- Rs. 44900 - Rs.142400.

Note: The number of vacancies may increase or decrease on the request of Govt./Deptt. in special circumstances.

8. Reservation: The reservation for Scheduled Castes of U.P./Scheduled Tribes of U.P./Other Backward Class candidates of U.P. shall be admissible in accordance with the provisions of prevailing Govt. Rules. Accordingly, reservation for category under horizontal as Dependents of Freedom Fighters of U.P., Ex-Service Men of U.P., P.H. of U.P. and Women candidates of U.P. shall be admissible on settlement of vacancies. Reservation for P.H. of U.P. shall be admissible for the notified / identified Posts only on settlement of Vacancies.

Note : (i) The Candidates claiming the benefit of reservation/age relaxation must obtain, in support of their category a certificate issued by competent authority on the proforma available on **Appendix-3** of the Website of this detailed advertisement and shall submit the same to the Commission when asked for. (ii) All Reserved category candidates of U.P. must mention their Category/Sub Category in the Application. (iii) Candidates claiming reservation/Age relaxation in more than one category will be entitled to only one such concession whichever is more beneficial to them. (iv) The Scheduled Caste, Scheduled Tribes, Other Backward Class, Dependents of Freedom Fighter, Ex-Service Men, P.H. and Women candidates who are not the permanent residents of U.P. shall not be given the benefit of reservation/age relaxation. Such candidates shall be treated as the candidates of the unreserved Category. In case of women candidates, the caste certificate/domicile certificate issued from father side only be treated valid.

9. Conditions of Eligibility (For age relaxation only): Eligibility in case of Emergency Commissioned /Short Service Commissioned Officers: 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 the grounds of misconduct or physical disability. The candidates must possess all the requisite qualifications/Eligibility conditions till the last date for submitting the applications.

10. 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 an exemption from this condition.

11. EDUCATIONAL QUALIFICATION: The candidates must possess Bachelor's Degree from any recognized University or equivalent qualification upto the last date for receipt of On-Line application. This should be mentioned by the candidates in the relevant Column of their On-Line application form. Educational Qualifications for the different subjectwise posts as specified in the relevant service Rules are as follows:-

S.I. No.	Name of post	Educational Qualification
1.	Assistant Teacher (Men / Women) Hindi	(i) Bachelor's degree with Hindi as a subject from a recognised University in India and Intermediate with Sanskrit as a subject or equivalent examination with Sanskrit. (ii) B.Ed. or equivalent degree from a recognised University in India.
2.	Assistant Teacher (Men / Women) English	(i) Bachelor's degree with English literature from a recognised University in India or an equivalent degree recognised by the Government. (ii) B.Ed. or equivalent degree from a recognised University in India.
3.	Assistant Teacher (Men / Women) Math	(i) Bachelor's degree with Mathematics as a subject from a recognised University in India. (ii) B.Ed. or equivalent degree from a recognised University in India.
4.	Assistant Teacher (Men / Women) Science	(i) Bachelor's degree with Physics and Chemistry as subjects from a recognised University in India or an equivalent degree recognised by the Government. (ii) B.Ed. or equivalent degree from a recognised University in India.
5.	Assistant Teacher (Men/Women) Social Science	(i) Bachelor's degree with at least any two of the subjects amongst the subjects History, Geography, Political Science and Economics from a recognized University in India. (ii) B.Ed. or equivalent degree from a recognised University in India.
6.	Assistant Teacher (Men/Women) Computer	(i) B.Tech. / B.E. (in Computer Science) from a recognised University in India. OR B.Sc. in Computer Science. OR B.Sc in Computer Application, OR Bachelor of Computer Application or Bachelor's degree with 'A' Level course from NIELIT. (ii) B.Ed. or equivalent degree from a recognised University in India.
7.	Assistant Teacher (Men / Women) Urdu	(i) Bachelor's degree with Urdu as one of the subjects from a recognised University in India or equivalent degree from a University recognised by the Government. (ii) B.Ed. or equivalent degree from a recognised University in India.
8.	Assistant Teacher (Men / Women) Biology	(i) Bachelor's degree with Zoology and Botany from a recognised University in India or equivalent degree recognised by the Government.

S.I. No.	Name of post	Educational Qualification
		(ii) B.Ed. or an equivalent degree from a recognised University in India.
9.	Assistant Teacher (Men / Women) Sanskrit	(i) Bachelor's degree with Sanskrit as one of the subjects from a recognised University in India or equivalent degree from a University recognised by the Government. (ii) B.Ed. or equivalent degree from a recognised University in India.
10.	Assistant Teacher (Men / Women) Arts	(i) Bachelor's degree with Art subject or Fine Arts from a recognised University in India. (ii) B.Ed. or equivalent degree from a recognised University in India.
11.	Assistant Teacher (Men/Women) Music	(i) Bachelor's degree with Music as a subject from a recognised University in India. OR Bachelor's degree from a recognised University in India with Sangeet Visharad from Bhatkhande Sangeet Mahavidyalaya or Sangeet Prabhakar from Prayag Sangeet Samiti, Allahabad. Note- No quality points shall be allocated for Sangeet Visharad or Sangeet Prabhakar. (ii) B.Ed. degree from a recognised University in India.
12.	Assistant Teacher (Men/Women) Commerce	(i) Bachelor's degree in Commerce from a recognised University in India or any equivalent degree recognised by the Government. (ii) B.Ed. or equivalent degree from a recognised University in India.
13.	Assistant Teacher (Men/Women) Physical Education	(i) Bachelor's degree from a recognised University in India. (ii) B.P.Ed. or B.P.E. degree from a recognised University in India.
14.	Assistant Teacher (Men/Women) Home Science	(i) Bachelor's degree with in Home Science as a subject from a recognised University in India. (ii) B.Ed. or equivalent degree from a recognised University in India.
15.	Assistant Teacher (Men/Women) Agriculture / Horticulture	(i) Bachelor's degree in Agriculture / Horticulture from a recognised University in India. (ii) B.Ed. or equivalent degree from a recognised University in India.

Note: (1) For the post of Assistant Teacher (Agriculture) the vacancy is only for Men Branch therefore only Men Candidates are eligible.

(2) The Candidates applying for more than one subject, shall be treated eligible only for the post of the subject in which they appear in the examination.

12. 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, 2018 i.e. they must have not been born earlier than 2nd July, 1978 and not later than July 1, 1997. For PH candidates, the maximum age limit is 55 years i.e. they must have not been born before 02nd July, 1963. (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., Skilled players of U.P. of Classified Games, 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, 1973. (Only domiciled persons of U.P. are entitled for such age relaxation) (b) Upper age limit shall be greater by fifteen years for physically handicapped persons of U.P. (c) Upper age limit for the Emergency Commissioned Officers / Short Service Commissioned Officers / Ex-Army Personnels of U.P. the Age relaxation and reservation shall be given according to Rule. No relaxation is admissible in upper age limit for D.F.F. Candidates.

13. IMPORTANT INSTRUCTIONS FOR CANDIDATES: (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) No change in category, sub-category, Date of Birth etc. is permissible after the receipt of application form in the office of the Commission. In this regard no application for error correction/modification shall be acceptable. (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 as decided by the commission later on. 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 Mark sheets, Certificates & Degrees along with the application form 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 applications shall be rejected. (5) The benefit of reservation to the categories of Handicapped persons of society shall be given only on the posts which are 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 on the prescribed proforma issued by prescribed Medical Officer/Specialist and counter signed by the Chief Medical Officer according to Rule 2 of U.P. Public Service (Reservation for physically Handicapped, Dependent of Freedom Fighters and Ex-Servicemen (Amendment) Act. 1997 read with G.O. dated. 03 Feb., 2008). (6) The Ex-Army Personnels must be discharged from Army upto the last date prescribed for receipt of applications. (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 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. (8) The candidature/Selection of such candidates who are subsequently found ineligible according to the terms laid down in advertisement will be cancelled and their any claim in this regard will not be entertained. The decision of the Commission regarding Candidature/Selection of the candidates shall be final. (9) The Application/candidature

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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, overage, under age, not fulfilling the minimum educational qualifications, applications received after last date and no signature under declaration in the format. (10) The Commission may admit the candidates provisionally after summarily checking of the applications but if it is found at any stage that applicant was not eligible or that 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. (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. 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. (12) In all communication to the Commission, the candidate must mention the name of examination, advertisement No., registration No., date of birth, father's/Husband's name and also the Roll Number, if communicated. (13) Candidates selected for appointment will have to undergo Medical Examination as required under the Rules. (14) The candidates who are appearing in the Examination of essential qualification prescribed for the posts need not apply, because they are not eligible. (15) 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. (16) The candidates must fill up his/her all information correctly in the OMR Answer sheet. The informations filled in the OMR Answer Sheet Must not be erased by whitener, blade or rubber etc. (17) 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 handover the original copy to the Invigilator and the candidate's copy to keep with them. (18) 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. (19) The minimum efficiency standard for S.C. & S.T. candidates is fixed 30% i.e. the Candidates of these Categories shall not be placed in the merit/select list if they have secured less than 30% 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.

GENERAL INSTRUCTIONS

- 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.
- In the On-line system, the candidates must ensure that all the requisite informations have been duly filled and must click the submit Button 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 otherwise no request shall be entertained.
- 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-3**) and submit the same to the Commission, whenever required to do so. Those 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 domiciled of U.P. belonging to SC, ST, O.B.C., dependents of freedom fighters, Ex-Army personnel, Skilled Players, P.H. and women are not entitled to get the benefit of reservation/age relaxation. Such candidates will be treated as unreserved candidates. In case of the women candidates, the domicile/caste certificate issued from father side will be treated valid.
- 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.
- 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. Only such relationships with the freedom fighters are not adequate but the candidates should remain actually dependent on the freedom fighter. Drawing the attention of the candidates towards Govt. orders dated 22.01.1982, 08.03.1983 and Govt. Order No. 3014, Personnel-2, 1982 dated 18.10.1982 read with Govt. Order No. 6/1972 Personnel - 2, 1982 dated 15.01.1983, it is advised that now the candidates must obtain the reservation certificate from the District Magistrate in terms of Govt. Order No. 453/79-V-1-15 (Ka)14-2015 dated. 07.04.2015 in the prescribed format and submit the same.
- In the event of involvement of a candidate in the concealment of any important information, pendency of any case / criminal case, conviction, more than a 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.
- In case the candidates feel any problem in the "On-line Application" they may get their problem resolved by contacting over phone or on Website clicking 'Contact us'.
- The Procedure relating to upload scanned Photo & Signature is given in **Appendix-1**, the name of Districts for Examination are available in the advertisement in **Appendix-2** and Proformae of caste certificates for different Reserved categories are given in **Appendix-3**. In the same way the plan of Examination and the Syllabus for Examination are available in **Appendix-4**.

Detailed Application Form

At the top of the page there is a Declaration. The candidates are advised to go through the contents of the Declaration carefully. Candidate has the option either to 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 disagree, the application will be dropped, and the procedure will be terminated. Accepting to agree only will submit the candidate's On-line Application.

Notification Details:

This section shows information relevant to notification.

Personal Details:

This section shows information about candidate's personal details i.e. Registration Number, Candidate's Name, Father/Husband's Name, Gender, Date of Birth,

UP domicile, Category, Marital Status, Email-ID and Contact Number.

Other Details of Candidate

Other details of candidate shows the information details about UP Freedom Fighter, Ex Army, service duration and your physical deformity.

Education & Experience Details

It shows your educational and experience details of the candidate.

Candidate Address, Photo & Signature details

It shows communication address and photo with signature of the candidate.

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 on entry time 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.

Otherwise using "Back" button the details can be modified.

(CANDIDATES ARE ADVISED TO TAKE A PRINT OF THIS PAGE BY CLICKING ON THE "PRINT" OPTION AVAILABLE)

For Other Information:

For other information candidates are advised to select desired Option in 'Home Page' of Commission's website <http://uppsc.up.nic.in> in CANDIDATE SEGMENT.

CANDIDATE SEGMENT

NOTIFICATIONS / ADVTS.
All Notifications / Advertisements
ONLINE FORM SUBMISSION
1. Candidate Registration (FIRST STAGE)
2. Fee Deposition / Reconciliation (SECOND STAGE)
3. Submit Application Form (THIRD STAGE)
APPLICATION FORM STATUS
Update your transaction ID by Double Verification mode
View Application Status
List of Applications Having Photo related Objections
Print Duplicate Registration Slip
Print Detailed Application Form
EXAMINATION SEGMENT
Print Address Slip for sending Documents to Commission [Only for Direct Recruitment]
DOWNLOAD SEGMENT
Download Admit Card
Download Interview Letter
Download Syllabus
Know your Registration No.
Click here to view Key Answer Sheet

Regarding application

- On clicking "View Application status" option in Candidate Segment page you can see current status of candidate.
- On clicking "Result" option in Candidate Segment page candidate can see result status of periodically.
- "Interview/Exam Schedule" option in Candidate Segment page candidate can see interview and examination schedule details periodically.
- On clicking "Key Answer Sheet" candidate can download key answer sheet.
- On clicking "Admit Card/Hall Ticket" candidate can download their Admit Card using with some basic credential of candidate.
- On clicking "List of Rejected Candidate" candidate can view rejected candidate list.
- On clicking "Syllabus" candidate can view syllabus of particular examination.

(Candidates applying On-line need NOT send hard copy of the On-line Application filled by them On-line or any other document / certificate / testimonial to the Uttar Pradesh Public Service Commission. However they are advised to take printout of the On-line Application and retain it for further communication with the UPPSC.) (The Candidates applying for the examination should ensure that they fulfill all eligibility conditions for admission to examination. Their admission at all the stages of the examination will be purely provisional subject to satisfying the prescribed eligibility conditions.) UPPSC takes up verification of eligibility conditions with reference to original documents at subsequent stages of examination process.

LAST DATE FOR RECEIPT OF APPLICATIONS: On-line Application process must be completed (including filling up of 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

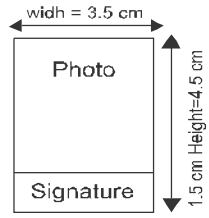
The Procedure relating to upload Photo & Signature:-

- Guide Lines for Scanning Photograph with Signature
- Paste the Photo on any white paper as per the above required dimensions. Sign in the Signature Space provided. Ensure that the signature is within the box.
- Scan the above required size containing photograph and signature. Please do not scan the complete page.
- The entire image (of size 3.5 cm by 6.0 cm) consisting of the photo along with the signature is required to be scanned, and stored in ".jpg, .jpeg, .gif, .tif, .png" format on local machine.
- Ensure that the size of the scanned image is not more than 50 KB.
- If the size of the file is more than 50 KB, then adjust the settings of the scanner such as the DPI resolution, no. colours etc., during the process of scanning.
- The application has to sign in full in the box provided. Since the signature is proof of identify, it must be genuine and in full; initials are not sufficient. Signature in CAPITAL LETTERS is not permitted.

Contd...

7. The signature must be signed only by the Applicant and not by any other person.
8. The signature will be used to put on the Hall Ticket and wherever necessary. If the Applicant's signature on answer script, at the time of the examination, does not match the signature on the Hall Ticket, the applicant will be disqualified.

Sample Image & Signature:-



APPENDIX-2

The name of the districts in which the Preliminary Examination will be held are as follows- Agra, Allahabad, Azamgarh, Barabanki, Bareilly, Gorakhpur, Etawah, Faizabad, Ghaziabad, Jaunpur, Jhansi, Kanpur Nagar, Lucknow, Meerut, Moradabad, Rai Bareli, Shahjahanpur, Sitapur, Varanasi, Mainpuri and Mathura.

APPENDIX - 3

उ.प्र. की अनुसूचित जाति तथा अनुसूचित जन जाति के लिए 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 है 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 का 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

(प्रारूप-1)

प्रमाणित किया जाता है कि श्री/श्रीमती/कुमारी..... सुपुत्र/सुपुत्री श्री..... निवासी ग्राम..... तहसील..... नगर..... जिला..... उत्तर प्रदेश राज्य की..... पिछड़ी जाति के व्यक्ति हैं। यह जाति उत्तर प्रदेश लोक सेवा (अनुसूचित जातियों, अनुसूचित जन जातियों तथा 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 उत्तर प्रदेश लोक सेवा) (अनुसूचित जातियों, अनुसूचित जन जातियों और अन्य पिछड़े वर्गों के लिये आरक्षण) अधिनियम, 2001 द्वारा प्रतिस्थापित किया गया है एवं जो उत्तर प्रदेश लोक सेवा (अनुसूचित जातियों, अनुसूचित जन जातियों 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 का नाम.....

जिलाधिकारी/अतिरिक्त जिलाधिकारी/सिटी मजिस्ट्रेट/परगना मजिस्ट्रेट/तहसीलदार।

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

प्रमाणित किया जाता है कि श्री/श्रीमती/कुमारी..... निवासी..... ग्राम..... तहसील..... नगर..... जिला..... उत्तर प्रदेश लोक सेवा (शारीरिक रूप से विकलांग, स्वतंत्रता संग्राम सेनानियों के आश्रित और भूतपूर्व सैनिक के लिए आरक्षण) अधिनियम 1993 के अनुसार स्वतंत्रता संग्राम सेनानी हैं और श्री/श्रीमती/कुमारी (आश्रित)..... पुत्र/पुत्री/पौत्र (पुत्र का पुत्र या पुत्री का पुत्र) पौत्री (पुत्र की पुत्री या पुत्री की पुत्री) (विवाहित अथवा अविवाहित) उपरोक्त अधिनियम 1993 (यथा संशोधित) के प्राविधानों के अनुसार उक्त श्री/श्रीमती (स्वतंत्रता संग्राम सेनानी)..... के आश्रित हैं।

स्थान..... हस्ताक्षर.....
दिनांक..... पूरा नाम.....
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 क्रीडा/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..... (क्रीडा/खेल-कूद का नाम) की प्रतियोगिता/दूर्नमिन्ट में देश की ओर से भाग लिया। उनके टीम के द्वारा उक्त प्रतियोगिता/दूर्नमिन्ट 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 क्रीडा/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 लिये प्रमाण-पत्र प्रमाणित किया जाता है कि श्री/श्रीमती/कुमारी..... आत्मज/पत्नी/आत्मजा श्री..... निवासी (पूरा पता)..... ने दिनांक..... से दिनांक..... तक..... में (क्रीडा/खेल-कूद का नाम) की प्रतियोगिता (दूर्नमिन्ट स्थान का नाम)..... आयोजित राष्ट्रीय..... में (क्रीडा/खेल-कूद का नाम) की प्रतियोगिता/दूर्नमिन्ट में प्रदेश की ओर से भाग लिया। उनके टीम के द्वारा उक्त प्रतियोगिता/दूर्नमिन्ट 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.....
पता.....
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 क्रीडा/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 लिये 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..... (क्रीडा/खेल-कूद का नाम) प्रतियोगिता/दूर्नमिन्ट में..... विश्वविद्यालय की ओर से भाग लिया। उनके टीम के द्वारा उक्त प्रतियोगिता / दूर्नमिन्ट में..... स्थान प्राप्त किया गया। यह प्रमाण-पत्र डीन आफ 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 आफ स्पोर्ट्स या इंचार्ज खेल-कूद द्वारा व्यक्तिगत रूप से किये गये हस्ताक्षर होने पर ही मान्य होगा।

प्रारूप - 4

(मान्यता प्राप्त क्रीडा/खेल में अपने स्कूल की ओर से राष्ट्रीय खेल-कूद में भाग लेने वाले खिलाड़ी के लिये) डायरेक्ट्रेट आफ पब्लिक इन्स्ट्रक्शन्स/निदेशक, शिक्षा, उत्तर प्रदेश..... राज्य स्तर की सेवाओं/पदों पर नियुक्ति के लिये कुशल खिलाड़ियों के लिये प्रमाण-पत्र प्रमाणित किया जाता है कि श्री/श्रीमती/कुमारी..... आत्मज/पत्नी/आत्मजा श्री..... निवास (पूरा नाम)..... में..... स्कूल में कक्षा..... के विद्यार्थी ने दिनांक..... से दिनांक..... तक..... (स्थान का नाम) में आयोजित स्कूलों के नेशनल गेम्स की..... (क्रीडा/खेल-कूद का नाम) प्रतियोगिता/दूर्नमिन्ट में..... स्कूल की ओर से भाग लिया। उनके टीम के द्वारा उक्त प्रतियोगिता/दूर्नमिन्ट में..... स्थान प्राप्त किया गया। यह प्रमाण-पत्र डायरेक्ट्रेट आफ 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 डायरेक्ट्रेट ऑफ पब्लिक इन्स्ट्रक्शन्स/शिक्षा द्वारा व्यक्तिगत रूप से हस्ताक्षर होने पर मान्य होगा।

APPENDIX-4

**Plan of Examination & Syllabus
Plan of Examination**

There will be one question paper of multiple choice objective type and each question will carry 01 Marks. The aforesaid Question paper will be divided into two parts:

Part first (1) – General Studies	–	30 Questions
		(Objective Type)
Part second (2) – Main Subject	–	120 Questions
		(Objective Type)
Total Number of Questions	–	150
Time Period	–	2.00 hrs. (120 Minutes)
Maximum Marks	–	150

NOTE: For the post of Assistant Teacher, Social Science (Men/Women Branch), there shall be 04 sections in the main subject viz. Geography, History, Economics and Civics comprising of 60 questions in each section. The candidates shall choose any 02 sections out of the aforesaid 04 sections and answer them.

SYLLABUS

SUBJECT - SOCIAL SCIENCE

(A) Geography:

- 1- Geography** - Meaning and Scope.
- 2- Physical Geography:** Solar system-introduction, Origin of the Earth-Kant Laplace, James and Jeans, Revolution, Rotation and inclination of the earth and their effects, Solar and Lunar Eclipse, Latitude and Longitude, Geographic Reference System and Geographic Positioning System, Prime Meridian, International Date Line and time.
- 3- Lithosphere:** Interior of the Earth-Sial, Sima and Nife, Types of rocks and their characteristics, Vulcanicity and Volcanoes-types and world distribution, Earthquakes-origin and distribution, Distribution of continents and Ocean basins-Tetrahedral hypothesis (Lowthian Green) and Continental Drift Theory (Alfred Wegener), Classification of mountains and mountain building-Kober and plate tectonic theories, Plateau-general characteristics and classification, Plains-origin and classification, Weathering and Erosion, Davis's cycle of erosion and rejuvenation, Works of river, wind and glacier and resultant land forms.
- 4- Atmosphere:** Composition and Structure of the atmosphere, Insolation and factors affecting its distribution, Temperature-its horizontal and vertical distribution, Pressure, pressure belts and planetary, Winds, Monsoon origin and distribution, Forms of Precipitation and types of rainfall, Climatic regions of the world- Thornthwaite and Trewartha.
- 5- Hydrosphere-** Relief of ocean basins, Temperature and Salinity of ocean water, Ocean currents-origin and their effects, Tides-types and origin-Newton and Whewell.

<p>6- Biosphere- Meaning and Concept, Concept of ecosystem and biosphere as an ecosystem, Biotic succession-primary and secondary, major biomes of the world.</p> <p>7- Human Geography- Meaning and Scope-Huntington and Brunhes, Man-environment interrelationship-determination, possibilism and stop and-go determinism, world Population-growth and distribution, Demographic transition, Human races-classification and characteristic features and distribution of Caucasian and Mongolian races, Habitat, Economy and Society Of Bushman, Eskimo, Kirghiz, Gaddis, Tharus and Gonds.</p> <p>8- Human Settlements- Meaning and fundamental elements, settlement types and patterns, Rural and Urban settlements, size categories of towns in India, Urbanization in developing and developed countries, Mega cities of the World.</p> <p>9- Economic Geography- Meaning and Scope, types of production-primary, secondary, tertiary and quaternary, World Production and distribution of Rice, Wheat, Sugarcane, Tea, Coffee and Rubber, Energy and mineral resources- coal petroleum, iron ore, bauxite and nonconventional energy resources, Factors of localization of industries-iron and Steel, Cotton Textiles, Aluminium and Oil Refinery, Industrial Regions and their delineation and industrial regions of U.S.A and Japan, major trade routes and ports of the world.</p> <p>10. Geography of India- Location, extent and international borders, Indian Ocean-economic and Strategic importance, Physiographic and Drainage, Rainfall and its distribution, Vegetation, Climatic Regions Koppen, Trewartha and R.L. Singh, Forest resources and deforestation, Agriculture production, progress and problems, Green, Blue, White, Yellow and Round revolutions in Agriculture, Major crops-production and distribution of Wheat, Rice, Sugarcane, Tea, Agricultural regions O. Slampa and B.L.C. Johnson, Mineral and Energy resources-distribution and utilization of Iron Ore, Coal and Petroleum, Energy crisis and alternative sources of energy, Industrial location and distribution of Iron and Steel, Cotton Textiles, Cement, Industrial Region- P.P.Karan, Population, Growth and Distribution, Population Policy of India, Urbanization, Means of transport-roads and railways, Foreign trade, Megacities and Major ports.</p>	<p>evaluation of five year plans, Niti Aayog and economic policies, Efforts and policy to improve agriculture productivity in India, Poverty, unemployment and skill development in India, Education health and nutrition, Population dividend, urbanization and migration in India, New trends and policy of industrial development, Fiscal policy and Budget management in India, Centre - State financial relations and co-operative federalism, Challenges of inclusive growth, Various dimensions of globalization, economic development and world trade.</p> <p style="text-align: center;">(D) Civics</p> <p>Political Theory: Civics: Definition, Nature and Scope State - Definition, Elements of State Origin of State: Divine Theory, Contract theory, Evolutionary Theory, Marxist Theory Equality, Liberty and Rights Sovereignty and Pluralism Law and Theories of Punishment Constitution: Definition and Classification, Government: Parliamentary, Presidential, Unitary and Federal Organs of Government: Legislature, Executive and Judiciary Democracy and Dictatorship Individualism, Liberalism, Scientific socialism, Fascism Political Thinkers : Plato, Aristotle, Hobbes, Locke, Rousseau Jermy Bentham, John Stuart Mill Karl Marx Manu, Kautilya, Gandhi.</p>
<p style="text-align: center;">(B) History :</p> <p>1. Salient features of Pre- Historic cultures of India.</p> <p>2. Chief Characteristics of Indus Valley Civilization : (a) Town planning (b) Harappa and Mohenjodaro (c) Stone Sculpture and terracotta figurines, seals and sealings (d) Religion.</p> <p>3. Polity, society, economy and religion of the Early Vedic period: changes in Later Vedic Period</p> <p>4. Salient Features of Jainism, Budhism, Vaishnavism and Shaivism</p> <p>5. Mauryan Period : (a) Origin of the Mauryas (b) Achievements of Chandragupta Maurya (c) His administration and public works (d) Ashoka's Inscriptions (e) His Dhamma and spread of Dhamma (f) Philanthropic works (g) Estimate of Ashoka (h) Causes of the Downfall of the Mauryan Empire.</p> <p>6. Political History of the Gupta Dynasty : (a) Chandra Gupta I, (b) Samudra Gupta, (c) Chandra Gupta II, (d) Kumar Gupta I and (e) Skanda Gupta (f) Huna invansion and its impact (g) Causes of the Downfall of the Gupta Empire.</p> <p>7. Chola Period : (a) Achievements of Rajaraja I (b) Achievements of Rajendra Chola I (c) Local Self Government (d) Chola Art and Culture.</p> <p>8. Foreign Invasions: (a) Arab invasion and its impact (b) Ghazanavid invasion and their impact (c) Invasion of Mohammad Ghoris and its impact.</p> <p>9. Delhi Sultante (Political and Administrative History): Qutubuddin Aibak Iltutmish, Balban, Alauddin Khalji, Mohammad Bin Tughlaq , Ferozshah Tughlaq Invasion of Taimur, Sayyid and Lodhi Dynasties.</p> <p>10. Mughals (Political and Administrative History): Babur, Humayun, Akbar, Jahanghir, Shahjahan and Aurangzeb, The decline of Mughal Empire.</p> <p>11. Bahmani Empire, Vijaynagar Empire, rise and decline of the Marathas, Shivaji</p> <p>12. Medieval Culture - Religious policy, Sufism, Bhakti movement, Art and Architecture, Literature.</p> <p>13. Medieval Society and Economy – Agriculture, Industry, Trade.</p> <p>14. Expansion of East India Company.</p> <p>15. Agriculture, Trade and Industry in Modern India.</p> <p>16. Development of modern education system and Constitutional Development</p> <p>17. Revolt of 1857-causes, nature, and impact.</p> <p>18. Renaissance in modern India, Social and Religious movements</p> <p>19. Indian National Movement- Non-co-operation, Civil disobedience and Quit India movement.</p> <p>20. Contributions of M.K.Gandhi , B.G. Tilak, Gokhale, and S.C. Bose in national movement.</p> <p>21. Achievement of Independence - From Cripps Mission to Mountbatten Plan.</p> <p>22. India after independence till 1950 A.D.</p>	<p style="text-align: center;">Indian Government and Politics:</p> <p>Contribution of Gokhle, Tilak, Gandhi, Nehru, Subhash Chandra Bose and Dr. Bhim Rao Ambedkar in Freedom struggle.</p> <p>Salient Features of Indian Constitution: Fundamental Rights and Directive Principles of State Policy.</p> <p>Federal System: Centre-State Relations President, Council of Ministers, Parliament, Supreme Court, Judicial review State Government - Governor, Chief Minister, Legislature Casteism, Regionalism and Communalism in Indian Politics Political parties and Pressure Groups Problem of national Integration Electoral System, Election Commission, Electoral reforms</p> <p>Indian Administration: Role of Bureaucracy, District Administration, District Magistrate, Democratic Decentralisation and Panchayati Raj: Lokpal and Lokayukta</p> <p>Indian Foreign Policy: Salient Features, India's Relations with Pakistan, Nepal and Sri Lanka.</p>
<p style="text-align: center;">c) ECONOMICS:</p> <p>1. Nature of Economics: Definition of economics, problem of choice, Micro and Macro Economics, Methods of static and dynamic analysis, Concept of equilibrium.</p> <p>2. Consumer behavior and demand analysis: Equilibrium of consumer, Marshall Approach, Indifference curve analysis (price, income and substitution effects), Law of demand, Elasticity of demand and supply, its types and measurement, consumer surplus.</p> <p>3. Production and Theories of Population: Producer's equilibrium, Laws of production-laws of variable proportions and laws of returns to scale, Analysis of revenue and cost curves, Theories of population: Malthus, theory of optimum population, and theory of demographic transition.</p> <p>4. Nature of Markets and Price Determination in different markets: Perfect competition, Imperfect and monopolistic competition, Monopoly.</p> <p>5. Theory of Distribution: Marginal productivity theory of distribution, Wage determination in perfect and imperfect competition, Theories of rent Classical and Keynesian theories of interest, Theories of profit: Knight Schumpeter and J.K. Mehta.</p> <p>6. Money, Banking, Inflation and Monetary Policy: Determination of Value of money - Fisher and Cambridge versions, Keynes' saving and investment theory, Functions of central bank, functions of Commercial Banks, Credit creation and control, Concept of money supply, Concept of inflation types, control and policy.</p> <p>7. International Trade and Policy: Theory of absolute advantage, Theory of comparative cost, Gains from trade and terms of trade, Free trade vs. protection, Theories of foreign exchange determination. Balance of payments: problem and solution.</p> <p>8. Public Finance and Fiscal Policy: Public vs. Private goods, Importance and theories of public expenditure, Nature of tax, types and principles of taxation, Types of public debt: Its raising and redemption.</p> <p>9. Economic development: Economic systems, Market vs. State, Measuring economic development and use of International indices for the same, Importance of Savings and capital formation in development, Theories of economic development: Rostows' stages of economic growth, critical minimum effort, big push and unbalanced growth theory, Important international economic institutions : IMF, World Bank, WTO, BRICS etc.</p> <p>10. Challenges in Indian Economy: Characteristics of Indian Economy, Progress and</p>	<p style="text-align: center;">SYLLABUS SCIENCE</p> <p>(A) PHYSICS</p> <p>General Physics & Mechanics Units and dimensions, vector and scalar quantities, products (scalar and vector), gradient, divergence & curl, Gauss and Stoke theorems and applications, Motion, force and Acceleration equations of motion, Kinetic and potential energy, Linear and angular momentum, conservation of energy and momentum, conservative and non-conservative forces, Rotatory motion, centrifugal and centripetal forces, gravitational force, central force, Kepler's laws of planetary motion, geo stationary, satellites, acceleration due to gravity, escape velocity, simple and compound pendulums. Moment of inertia, Theorems of parallel and perpendicular axes, Moment of inertia of ring, circular disc, sphere and cylinder, Angular momentum and Torque, Viscosity, Streamline and Turbulent motion, critical velocity, Stoke's and Poissullis formula. Bernoulli theorem and uses. Surface tension: Excess pressure inside curved surfaces, surface energy and full of liquid through capillary, Elasticity: Elastic Constants and their mutual relations Bending moment, cantilever. Theory of relativity, variation of mass, length and time with velocity, mass energy equivalence Heat: Concept of heat and temperature, Various scales of temperature, absolute temperature, Thermal expansion of solids, gases and liquids, good and bad conductors, radiation of heat, blackbody radiation, Rayleigh - Jen's Law, Planck Law, Wiens law, Newtons law of cooling and Stefan's law, internal energy, Isothermal and Adiabatic changes, 1st & 2nd Law of thermodynamics, Carnot engine, Entropy, Maxwell's thermodynamic relations, Joules Thomson effect, Clausius clapeyron equations. Waves and Oscillations: Simple harmonic motion, progressive and stationary waves, Phase and Group velocities, Damped harmonic motion, forced oscillation and resonance, Sharpness of resonance, superposition of waves, Beats and Lissajous figures, Doppler effect. Optics: Spherical mirrors and lenses, Reactive indices, Formulae for focal lengths, Coaxial lens system, Combination of thin lenses, Eye pieces: Ramsden and Huygen's eye piece, aberrations of lenses, Human eye, Hypermetropia and myopia. Basic concepts of Interference, Diffraction and polarization, Theory of Biprism, Newtons rings, Fresnel and Fraunhoffer diffraction, Zoneplate, Gratings Double refraction, Plane, Circular and Elliptical Polarisation, quarter and half wave plates. Rayleigh criterion and resolving power of prism and grating Introduction of laser, Ruby and Helium Neon laser . Electricity and Magnetism: Primary and Secondary cells, internal resistance, electromotive force, combinations of resistance and capacitances, current drift velocity and conductivity, galvanometer, ammeter and voltmeter, Wheatstone's bridge and applications, Biot-Savart law, Ampere's Circuital law, electro- magnetic induction, Faradays law & Lenz's law, self and mutual inductions, Alternating current, Series and parallel resonance (LCR) circuits, para-dia and Ferromagnetism, Maxwell's electromagnetic field equations, Displacement current Electromagnetic waves. Modern Physics: Atomic-structure, vector atom model and Bohr model, Pauli's Exclusion principle, optical and X-ray spectra, Photoelectric effect, Compton effect and Zeeman effect, Taschen- Back effect, Raman effect, de Broglie waves uncertainty principle, Schrodinger equation and applicatons, Radioactivity, Metal, Semiconductor and insulators. P N Junctins, Zener diode, Transistors: Construction and applications. Logic gates, Truth tables, Boolean Algebra.</p>

(B) CHEMISTRY

General Organic Chemistry- Hyper conjugation, Inductive effect, Resonance, and Aromaticity and their applications. Electrophiles and nucleophiles. and reaction intermediates (carbocation, carbanion, free radical, carbene and benzyne)

Reaction mechanism- SN₁, SN₂, E₁, and E₂ reaction, electrophilic addition of alkenes, alkynes and free radical addition of alkenes. Nucleophilic addition of carbonyl compounds. Electrophilic aromatic substitution, ortho/para/meta directing groups and activating and deactivating groups in ArSE reaction.

Mechanism of name reaction: Aldol reaction, Perkin reaction, Cannizzaro reaction, Benzoin condensation, Wittig reaction, Reimer-Tiemann reaction, Hoffmann Bromamide reaction, Knoevenagel reaction, Michael addition.

Carbohydrates: (only glucose and fructose) mutarotation formation of osazone, oxidation and reduction.

Polymer: Natural (starch, cellulose, rubber and silk) and synthetic polymers, Nylon, Terylene, Polyethylene, PVC, and Teflon.

Isomerism: Structural and stereoisomerism (enantiomerism, diastereomerism R/S and E/Z nomenclature).

Absorption Spectroscopy UV: Chromophore, auxochrome, bathochromic and hypsochromic shift, effect of conjugation and stability on λ_{max} . Woodward-Fieser rule for calculation of λ_{max} of polyenes. IR: Absorption frequency of various functional groups and Factors on which ν_{max} depend.

Structure of Atom - Bohr's model, quantum numbers and Modern Atomic Theory.

Periodic properties: Atomic and ionic radii, ionization potential, electron affinity, electronegativity Lattice energy, hydration energy and their relation to solubility of ionic compounds.

Chemical bonding: Ionic, covalent, coordinate and hydrogen bonding. Shape of molecules.

Coordination Chemistry: 3d block elements, nomenclature of complexes, ligands (monodentate, bidentate, polydentate), Werner theory and valence bond theory, Biologically active coordination compounds (haemoglobin, myoglobin, vitamin B₁₂, chlorophyll)

Oxidation and Reduction: Oxidation number, redox reaction and standard electrode potential of half cell and its application in inorganic chemistry.

Radioactivity: Natural radioactivity, radioactive decay, properties of α , β and γ Rays, half-life period, nuclear fission and nuclear fusion.

Chemical kinetics and catalysis- Molecularity, order of reaction, examples of zero, first and second order reaction, examples of catalytic and enzymatic reactions.

Thermodynamics: First and second law of thermodynamics, enthalpy of a system and capacity at constant volume and pressure, relation between C_p and C_v. Extensive and intensive property.

Chemical equilibrium: Law of mass action, Le-Chatelier principle and its application, degree of dissociation, relation between K_p and K_c, activity and activity coefficient.

Ionic equilibrium: Dissociation of weak acid (K_a) and weak base. (K_b), hydrolysis of salts of weak acid and Weak base, strong acid-weak base and weak acid- strong base. Solubility and solubility product. Dissociation constant of water(K_w), buffer solution and p^H of the buffer solution.

**SYLLABUS
SUBJECT - BIOLOGY**

(A) ZOOLOGY

- Principles of Taxonomy; concept of species and sub-species; Binomial nomenclature.
- Classification and general characteristics of following Phyla: Protozoa, Porifera, Cnidaria, Ctenophora, Platyhelminthes, Aschelminthes, Annelida, Arthropoda, Mollusca, Echinodermata and Chordata
- General organization and life history of representative of various Phyla: (i) Protozoa- Entamoeba, Euglena, Plasmodium and Paramecium (ii) Porifera- Leucosolenia and Sycon (iii) Cnidaria- Hydra, Aurelia and Obelia (iv) Ctenophora- Pleurobrachia (v) Platyhelminthes- Fasciola and Taenia (vi) Aschelminthes- Ascaris (vii) Annelida- Nereis, Pheretima and Hirudinaria (viii) Arthropoda- Cockroach, Musca, Mosquito and Prawn (ix) Mollusca- Unio and Pila (x) Echinodermata- Star fish (xi) Chordata- Herdmania, Amphioxus; Scoliodon, Rana, Uromastix, Columba, Rabbit.
- Brief knowledge of (i) Protozoa and diseases (ii) Polymorphism in Cnidarians (iii) Helminthes and diseases (iv) Harmful and beneficial Insects (v) Poisonous and non-poisonous snakes (vi) Economic importance of mammals.
- Prokaryotic and eukaryotic cells; Ultra-structure of animal cell; Function of cell organelles; Types of chromosomes; structure of genes and genetic code, Mitosis and meiosis.
- Mendel's laws of inheritance, Linkage and crossing over, Eugenics; Organic evolution, Evidences of organic evolution, Theories of organic evolution, Lamarckism, Neo-Lamarckism, Darwinism, Neo-Darwinism, Processes of evolution, Mutation, Evolution through ages, Evolution of man
- Ecology, Components of ecosystem and major Ecosystems; Environmental pollution.
- Elementary knowledge of (i) digestion (ii) respiration (iii) blood and Circulation (iv) excretion (v) nerve conduction (vi) muscle contraction (vii) Endocrine glands and their function
- Characteristics and classification of (i) carbohydrates, (ii) proteins, (iii) lipids, (iv) enzymes and (v) hormones
- Gametogenesis; Types of eggs and cleavage, Embryonic development of Amphioxus, Frog and Chick, Placenta in mammals,
- Biogeography, Zoogeographical realms and their characteristic fauna.

(B) Botany

Viruses- Definition, Nature, Transmission Structure of TMV, Bacteriophage, Viroids and Prions, Economic Importance of viruses.

Bacteria- Structure of Bacterial Cell, Nutrition, Reproduction and Economic Importance.

Fungi - General characters, structure, nutrition, reproduction and economic importance of fungi, Classification (Alexopopolus and Mims), characteristic features of different classes. Structure and life cycle of Rhizopus, Pythium, Albugo, Aspergillus, Agaricus, Puccinia, Ustilago and Alternaria.

Algae: General characters, Classification, characteristic features of different classes, Algal pigments, Economic Importance of algae. Structure and life cycle of Chlamydomonas, Volvox, Oedogonium, Vaucharia, Chara, Ectocarpus, Batrachospermum, Polysiphonia and Blue Green Algae (Nostoc and Anabaena),

Lichens- Nature, Types, Structure, Reproduction and Economic Importance

Bryophytes- General character, Classification, characteristic features of different classes, Reproduction and Economic Importance of bryophytes Structure and life cycle of Riccia, Marchantia, Anthoceros and Funaria.

Pteridophytes- General characters, Classification, characteristic features of different classes, stelar system and economic importance of pteridophytes.

Structure and life Cycle of Lycopodium, Selaginella, Equisetum and Marsilea. Heterospory and seed habit.

Gymnosperm- General Character and affinities, Life cycle, classification characteristic features of different classes, Distribution and Economic importance.

Structure and life cycle of Cycas, Pinus and Ephedra

Paleobotany – Fossils types, Fossilization, geological time scale and its importance. Structure and Reproduction of Rhynia

Taxonomy Of Angiosperms - Binomial nomenclature, Bentham and Hookers System of Classification, Important Botanical Garden and Herbaria

Distinguishing features Of Ranunculaceae, Papavaraceae, Brassicaceae, Malvaceae, Fabaceae, Rosaceae, Cucurbitaceae, Apiaceae, Asteraceae, Rubiaceae, Apocynaceae, Solanaceae, Acanthaceae, Lamiaceae, Euphorbiaceae, Liliaceae and Poaceae.

Anatomy of Angiosperms- Tissue and tissue system, Anomalous secondary growth, anatomy of root, stem

Anatomy of Tinospora root, Dracaena stem, Bignonia stem, Boerhavia stem and Nyctanthes stem

Economic botany- Timber, fibers, oils, Medicinal, Beverages, Spices and condiments yielding Plants.

Embryology-: Structure of anther, microsporogenesis and development of male gametophyte, Structure of ovule, megasporogenesis, Development and organization of embryo Sac, pollination, fertilization, development of Endosperm, Embryo development, Parthenocarp, Apomixis and polyembryony

Cytology- Ultra Structure of plant cell with their typical cell organelles, Cell division and cell cycle.

Genetics- Chromosome structure, chromosome aberrations, Law of inheritance, Gene interaction, Linkage and crossing over, Mutation and Polyploidy.

Plant Physiology- Water absorption, ascent of sap, Transpiration, Mineral nutrition and deficiency, Photosynthesis, Respiration, Phytohormones, Vernalization, seed germination and dormancy, nitrogen cycle, Photoperiodism.

Biochemistry-: Classification, properties and biological role of carbohydrates, proteins, lipids, nucleic acid and enzymes.

Environmental Botany- Environmental factors, soil conservation, Ecological adaptations in plants, ecological pyramids, food chain and food webs, Ecosystem, plant succession, pollution, plant communities and biodiversity, in Situ and ex situ conservation.

Pant Pathology- General symptoms of bacterial, fungal and viral disease. Different methods of plant disease control.

Symptoms, disease cycle and control measures of late blight of potato, early blight of potato, White rust of crucifers, black rust of wheat, loose smut of wheat, citrus canker, little leaf of brinjal, yellow vein mosaic of bhindi.

Biotechnology and genetic engineering- Importance in human welfare, vectors, recombinant DNA technology, transgenic plants, tissue culture, biopesticides and biofertilizers

Molecular Biology: Gene Concept, genetic code, Nucleic acids, replication of DNA, gene expression and Regulation.

**Syllabus
Subject: Mathematics**

1-Algebra

Theory of equations, A.P., G.P. and H.P., sum of squares and cubes of natural numbers, permutation and combination, binomial theorem, exponential and logarithmic series.

Algebra of sets, relation and function, types of relations, equivalence relation, types of functions, composition of functions, inverse of a function, binary operations on a set, group, subgroup, normal subgroup, quotient group, cyclic group, order of an element in a group, permutation group, even and odd permutations, Lagrange's theorem and its consequences, group homomorphism. Determinants, types of matrices, algebraic operations on matrices, symmetric and skew symmetric matrices, Hermitian and skew Hermitian matrices, inverse of a matrix, rank of a matrix, application of matrix in solving system of linear equations, eigen values, eigen vectors of a matrix, Cayley-Hamilton's theorem and its applications.

2- Real Analysis

Sequence of real numbers, bounded and monotonic sequences, convergent sequences, convergence of series of positive terms, comparison test, Cauchy's nth root test, ratio test, Raabe's test, logarithmic test, De Morgan and Bertrand test. alternating series and Leibnitz test.

3- Vector Analysis

Operations with vectors, scalar and vector product of two and three vectors and its applications, vector differentiation, gradient, divergence and curl,

4-Complex Analysis

Complex numbers, functions of a complex variable, De-Moivre's theorem and its applications, nth roots of unity, exponential, direct and inverse trigonometric, hyperbolic and logarithmic functions of a complex Variable. Continuity and differentiability of complex functions, Cauchy-Riemann equation, analytic functions, harmonic functions.

5. Calculus

Limit of a function, continuity and differentiability, Rolle's theorem, Langrange's mean value theorem, L'Hospital rule, successive differentiation, tangent and normal, maxima and minima, Increasing and decreasing functions. Limit, continuity and differentiability of function of two variables, partial differentiation. Methods of integration, definite integrals, application of integration to find area bounded by curves, length of a curve, surface area and volumes of solids of revolution.

Solutions of differential equations of first order and of first degree.

6- Geometry

General equation of second degree and its classification as pair of straight lines, circle, parabola, ellipse and hyperbola, Asymptotes of hyperbola, Transferring of origin and rotation of axis.

Direction cosines and direction ratio's of a line, Cartesian and Vector equation of a plane, Cartesian and vector equation of a line, coplanar and skew lines, shortest distance between two lines, angle between two planes, two lines, a line and a plane, distance of a point from a plane, sphere, cone and cylinder.

7- Statistics and Probability

Frequency distribution, Graphical representation of statistical data, Measures of central tendency - Mean, median and mode of grouped and ungrouped data. Theorems on addition and Multiplication of probability.

**SYLLABUS
COMMERCE**

1-Accountancy: Concept and Principles; Double Entry System- Journal, Ledger; Trial Balance, Final Accounts with adjustment entries, Partnership-Admission, Retirement and Death Accounts, Company Accounts – Types of shares, Accounting for issue and forfeiture of shares, Royalty, Hire Purchase and Departmental Accounts.

2-Business Organization & Management: Meaning and nature of Trade and Commerce, Forms of Business Organization – Sole Trader, Partnership and Company. Nature and functions of marketing, Indigenous and Foreign trade, Management - nature, scope and principles, Contributions of F.W. Taylor and Henry Fayol, Functions of management – Planning, organizing, staffing, Directing and Controlling, Business environment – Economic, Social, Political & Cultural.

3-Business Economics: Concept and Scope, Demand Curve analysis, Elasticity of Demand, Marginal utility, Total utility and Law of diminishing marginal utility, Laws of returns, Price determination under perfect competition and monopoly, Trade cycle, Population theories. Indian Economy- position, problems and suggestions.

4-Money & Banking: Definition, scope and functions of Money, Importance of money in capitalistic and socialistic economy, Gresham's Law, Quantity theory of money, Inflation and deflation, Types of Banks, Functions of Commercial Banks and Reserve Bank of India, Digital Banking and E-Banking.

5-Statistics: Meaning, scope and importance, Collection, Classification and Tabulation of data, Measures of Central Tendency- Mean, Median and Mode, Measurement of Dispersion.

Auditing: Definition, objectives and importance of auditing, Meaning, types and importance of Vouching, Procedures of vouching of primary books.

**Syllabus
Home Science**

1- Extension Education
Unit -1
Extension Education — Concept meaning, goals principles and Functions. Formal, Non-formal and informal education.
Educational Psychology- Concept meaning, aims and its relationship With extension education and its application in Extension Education.
Unit-2
Community Development- Concept, Meaning, Scope, Objective and organization. Panchayati Raj System - concept organization, evaluation and its functions
Development Programmes - run by State and Central Govt. for the welfare of women and children under different five year plans.
Leadership — Concept, definition, types functions and principles Dynamics of leadership.
Unit-3-
Communication Process- concept, meaning, approaches, elements, models, channels, theories, problems and barriers of communication. Communication Skills - Speaking, writing and gestures.
Unit-4-
Extension teaching methods and audio-visual aids and their classifications.
Unit-5-
Programme Planning- concept, meaning, objectives, principles an types. Planning, controlling, monitoring and evaluation.
Unit-6-
P.R.A. (Participatory rural appraisal) – concept, meaning, tools and methods.
Unit-7-
Women empowerment and entrepreneurship
2. Home Management and consumer Education
Unit-1 Home and family:- Definition of Home, Types of house, criteria of selection of house, Definition of family and its types and their merits and demerits and contribution of family to the society. Concept of ideal Indian house and family. House wife as a consumer: Definition of consumer, problems rights sources and responsibilities and laws and acts related to consumer.
Unit-2 Managements of time and energy: Principle of Saving, time and energy, importance of time, source of saving. Work simplification, importance, Principles work chart, and work distribution.
Unit-3 Money management and consumer Education Family Income: -Various sources of family income and its type money and real income, direct and indirect income, supplementary family income, need, ways, procedure for keeping households accounts.
Unit-4 Budget Saving and investment: meaning and importance of saving, ways and methods of investment Bank, such as Nationalised and Private Banks, Post Office, L.I.C., P.P.F., P.L.I., Mutual Funds, various Insurance, tax saving, GST Laws.
Unit-5 Interior decoration: use of principle of arts and an- elements in interior decoration.
3-Foods and Nutrition
Nutrition, foods, food groups, Sources, functions, nutrients, Balanced diet, Type of Nutrition- Good nutrition, Mal nutrition, Over nutrition, Composition of foods, Adulteration, Food additives, Food hygiene, Preservation, Methods of Cooking, Types of kitchen, Food Microbiology, Diseases caused by Microbes Elementary Physiology of Different system- (Digestive, Excretory, circulatory, Blood, Blood groups, Haemoglobin, Diet-during different disorders-Diarrhea Constipation, Blood pressure, Dibeties, Kidney disorders, Elementary chemistry of carbohydrates, Protins, Fats, function, sources and classification and deficiency symptoms, Minerals and vitamins Community nutrition, nutrition education, objectives and functions, Assessment of nutritional status, R.D.A. Nutrition education programmes.
4-Human development and family studies
Meaning, Concept, significance, developmental tasks and stages. **Principles of development-** prenatal development, birth process and stages. **Life span development-** Physical, motor, social, emotional, moral, coginitive, speech, play, creativity and personality development. **Preschool Education-** need, significance and importance, educational philosophies and programmes. **Theories of Human Development-** Frued, Erikson, Piaget, Pavlav and Skinner, Kohlberg, Maslow. **Family Relationships-** Influence of family, Parental attitude, child training methods on family relationships, Broken homes, single parents families and reconstituted families, Juvenile delinquents. **Children with special needs-** Definition, labelling, mainstreaming, classification, Physically challenged, mentally challenged, speech impairment, hearing impairment, Visual impairment and

learning disabilities.
5-Clothing and Textiles-
Importance, classification of fibres, its chemistry and manufacture. History of Textiles, Traditional textiles, Spinning weaving, knitting, history manufacture properties of cotton linen wool silk rayon nylon Sewing machine and its care, Pattern making, washing- care, colouring of clothes, selection of fabrics at different occasions. Embroidery, finished, Tie and Dye, and Batic printing, Factors affecting selection of clothes. Washing techniques, stain removal.
6- Human Physiology
Cell and Tissues- Meaning, Definition and structure, Type of tissues (with example)
Skeletal- Muscular system structure, type, function, joint types, Cartilage structure of muscles.
Digestive System:- introduction of alimentary canal and its parts, mouth and oral cavity, pharynx, oesophagus stomach and intestine
7- Research and statistics:
Research its meaning scope, objectives, sources of data, tools and techniques of research, Different type of researches and its application. Frequency, mean, mode median, diagrammatic and graphic presentation of data, primary and secondary data.
8- Health and Hygiene
Unit 1- Definition of health and Hygiene, primary health care principles, common accidents and care at home. measuring of blood pressure, pulse and body temperature. types of pollution and prevention. health check-up.
Unit -2 - Environmental Security
(i) Energy- use of different types of smokeless chulha and use of solar cooker and induction plate.
(ii) Water security-
safe drinking water techniques
importance of quality of water, methods of purification of water such as filtering, use of faucet tap water, water alarm, use of chlorine and use of modern technology.
(iii) Food Security- Grain storage methods, methods of cooking and preservation techniques.
(iv) Livelihood Security - Job opportunities in Govt. And Private Sector. self startup. (self employment)
9- First Aid and Health
First aid- Meaning, principles, Things required in first aid box
Bandages- Types, uses, types of fracture, Sprain, Artificial respiration, dislocation, bleeding and pressure point.
Care & Maintenance- Care of patient and patient room, house-hold remedies for common Diseases.

**SYLLABUS
Subject: English
Section 1
English Language**

A. Unseen prose and poetry passages for language comprehension and appreciation
B. Grammar: Punctuation, parts of speech, spellings, word formation and vocabulary, tense, Narration, Conditional sentences, Concord, Phrasal verbs and idiomatic expressions, transformation and synthesis
C. Translation from English to Hindi and Hindi to English
D. Letter writing and dialogue writing

**Section 2
Literatures in English**

A. Literary Forms and Movements with special reference to allegory, ballad, ode, sonnet, blank verse, epic, mock epic, heroic couplet, lyric, elegy and other stanza forms, dramatic monologue, free verse and rhyme metre, Dramatic forms like tragedy, comedy, tragic-comedy, romance and One-act plays, Biography, autobiography, memoir and travel writing, Fictional forms, Different types of essays, Renaissance and Reformation, Neo-classicism, Metaphysical Poets, Romanticism, Pre-Raphaelites, Modernism, Impressionism, Expressionism and Surrealism understanding and identification of figures of speech.
B. Poetry: Trends and movements in poetry in English with special reference to the following: Shakespeare's sonnets (Sonnet No. 29: "When in disgrace with fortune and men's eyes" and Sonnet no. 138 "When my love swears that she is made of truth"), Milton's "On His Blindness" and Paradise Lost (bk 1, ll. 1-26), John Donne's "Canonization", Pope's Rape of the Lock(Canto I), Gray's "Elegy Written in a Country Churchyard", William Wordsworth's (a) "Tintern Abbey" and (b) "The World is too Much with Us", Percy B. Shelley's (a) "Ode to the West Wind" (b) "To a Skylark", John Keats' (a) "Ode on a Grecian Urn" (b) "La Belle Dame sans Merci", Tennyson's (a) "Break, Break, Break" (b) "Ulysses", Robert Browning's (a) "My Last Duchess" (b) "Prospice", Arnold's (a) "Dover Beach" (b) "Memorial Verses", W. B. Yeats' (a) "The Second Coming" (b) "Sailing to Byzantium", T. S. Eliot's "The Waste Land", W. H. Auden's "In Memory of W. B. Yeats", Ted Hughes' "Crow Alights", Philip Larkin's "Wants", Whitman's "O Captain! My Captain!", Emily Dickinson's "Success is Counted Sweetest", Robert Frost's (a) "Birches" (b) "Stopping by the Woods", Rabindranath Tagore's From Gitanjali (11th, "Leave the Chanting" and 12th "Fruit Gathering"), Nissim Ezekiel's (a) "Night of Scorpion" (b) "Philosophy", Kamala Das's "An Introduction", A K Ramanujan's "Obituary" and Derek Walcott's "A for Cry from Africa"
C. Drama: Trends and movements in drama in English with special reference to the following: Shakespeare's Macbeth, Twelfth Night and Merchant of Venice, Ben Jonson's Every Man in his Humour, Dryden's All for Love, Bernard Shaw's Arms and the Man, Galsworthy's Justice, Harold Pinter's The Birthday Party, Eugene O' Neill's The Hairy Ape, Arthur Miller's. All my Sons and Girish Karnad's Hayavadana.
D. Prose and Fiction: Trends and movements in prose and fiction in English with special reference to the following: Francis Bacon's "Of Studies" and "Of Truth", Addison's "Sir Roger at Home" "Will Wimble", Steele's "The Spectator Club" Lamb's "Dream Children", E. V. Lucas' "Tight Corners", A. G. Gardiner's "In Defence of Ignorance", Bertrand Russell's "The Road to Happiness", Richard Wright's "Twelve Million Black Voices", Mahatma Gandhi's My Experiments with Truth, Jawaharlal Nehru's The Discovery of India, Maughm's "The Luncheon"; Anita Desai's "A Farewell Party" Katherine Mansfield's "The Fly", O' Henry's "The Last Leaf" ; Fielding's Joseph Andrews, Jane Austen's Pride and Prejudice, Dickens' Great Expectations, Hardy's The Mayor of Casterbridge, George Orwell's Animal Farm, Woolf's Mrs- DalloWay, Golding's Lord of the Flies', Hawthorne's The Scarlet Letter, Hemingway's The Old Man and the Sea, Steinbeck's The Grapes of Wrath, Raja Rao's Kanthapura, R K Narayan's The Bachelor of Arts; Kamala' Markandeya's Two Virgins and Chinua Achebe's Things Fall Apart.

SYLLABUS**Subject: Hindi (1)**

हिन्दी साहित्य का इतिहास—आदिकाल, भक्तिकाल—रात काव्य, रूफ़ी काव्य, रामकाव्य, कृष्ण काव्य, रीतिकाल, आधुनिक काल— भारतेन्दु युग, द्विवेदी युग, छायावाद, प्रगतिवाद, प्रयोगवाद, नयी कविता।
हिन्दी गद्य साहित्य का विकास—निबन्ध, नाटक, उपन्यास, कहानी, जीवनी, आत्मकथा, संस्मरण, रेखाचित्र, यात्रा—साहित्य, व्यंग्य।
हिन्दी के रचनाकार एवं उनकी रचनाएँ
काव्य का स्वरूप, रस—अवयव, भेद, छन्द (दोहा, रोला, सोरठा, चौपाई, बरवै, छप्पय, हरिगीतिका, इन्द्रवज्रा, उपेन्द्रवज्रा, वंशस्था, बसंततिलका, कवित्त, सवैया) लक्षण और उदाहरण, अलंकार (अनुप्रास, यमक, श्लेष, वक्रोक्ति, उपमा, रूपक, उत्प्रेक्षा, अतिशयोक्ति, प्रतीप, संदेह, भ्रांतिमान, अत्युक्ति, अनन्वय) काव्यगुण, काव्य दोष।
हिन्दी की विभाषाएँ, बोलियाँ, हिन्दी की शब्द सम्पदा, हिन्दी की ध्वनियाँ, देवनागरी लिपि—नामकरण, विकास, विशेषताएँ, सीमाएँ, सुधार के प्रयत्न।
व्याकरण— कारक, लिंग वचन, उपसर्ग, प्रत्यय, वर्तनी एवं वाक्य—शुद्धीकरण, पर्यायवाची, विलोम, श्रुति समभिन्नार्थक शब्द, वाक्यांश के लिए एक शब्द, मुहावरा, लोकोक्ति।
संस्कृत साहित्यः
(क) संस्कृत के प्रमुख रचनाकार एवं उनकी रचनाएँ— कालिदास, भवभूति, भारवि, माघ, दण्डी, श्रीहर्ष, बाणभट्ट।
(ख) सन्धि—स्वर, व्यंजन एवं विसर्ग, समास, शब्द रूप, सर्वनाम रूप एवं धातु रूप, कारक प्रयोग।
(ग) अनुवाद

SYLLABUS**Subject: Agriculture**

Definition, concept, scope and development of Agronomy, Climate based classification of crops. Environmental factors affecting crop production. Weather forecast. Scientific cultivation of important cereals, pulses, Oil seeds, fodder. Fibre and cash crops.
Concept of horticulture, its importance and scope. Orchard and kitchen gardening. Scientific cultivation of major fruits and vegetable crops of U.P. Principles and methods of fruit and vegetable preservation. Causes of spoilage of fruits and vegetable products.
Definition of soil. Soil formation and development Physical, Chemical and Biological properties of soil. Soils of U.P. Essential plant nutrients and their deficiency symptoms. Manures, fertilizers and biofertilizers, problem soils and their reclamation. Soil erosion, causes and control measures. Soil testing.
Absorption of water and plant nutrients. Elementary idea of photosynthesis, respiration and transpiration. Types of seed and their quality.
Sources and methods of irrigation. Quality of irrigation water. Moisture conservation . Types of drainage—their merits and demerits.
Classification of pesticides, control measures of different weeds, insects and diseases of important cereal, fruits and vegetable crops.
Farm machinery and their maintenance. Tillage, inter-cultural and spraying equipments.
Important breeds of cows, buffaloes, sheep and goats. Methods of animal breeding. Principles of feeding. Maintenance and production ration: Description, symptoms, diagnosis and treatments of anthrax, foot and mouth, disease, rinderpest, mastitis and milk fever.
Farm records. Revenue records of holdings: Village and agricultural development programmes of Central and State Governments Agricultural Universities, KVK and other extension organizations.

SYLLABUS**Subject: Computer**

Digital Logic and Circuits and Discrete Mathematical Structures: Number Systems, Boolean algebra and Logic Gates, Simplification of Boolean Functions, Combinational Circuits, Sequential Circuits, Memory circuits, Sets, Relations & Functions, Mathematical Logic, Boolean algebra, Combinatorics & Recurrence Relations, Graph theory.
Computer Organization and Architecture: Stored Program Concept, Components of a Computer System, Machine Instruction, Op codes and Operands, Instruction Cycle, Organization of Central Processing Unit, ALU, Hardwired & Micro programmed Control Unit; General Purpose and Special Purpose Registers. Memory Organization, I/O Organization, Functioning of CPU, Instruction Formats, Instruction Types, Addressing Modes, Common Microprocessor Instructions, Multi-core Architecture, Multiprocessor and Multicomputer.
Data Structures and Algorithm: Definition and types, Linear Structures, Non-Linear Data Structures, Hashing and Collision Resolution Techniques. Searching and Sorting, Algorithms, Analyzing Algorithms, Complexity of algorithms, Growth of functions, Performance measurements, Advanced Data Structures, Red-Black trees, B - trees, Binomial Heaps, Fibonacci Heaps. Introduction to Design Techniques: Divide and Conquer, Greedy algorithms, Optimal Reliability Allocation, Knapsack, Minimum Spanning trees Prim's and Kruskal's algorithms, Single source shortest paths - Dijkstra's and Bellman Ford algorithms. Dynamic Programming, Knapsack, All pair shortest paths - Warshall's and Floyd's algorithms, Resource allocation problem. Backtracking, Branch and Bound with examples such as Travelling Salesman, Problem, Graph Coloring, n-Queen Problem, Hamiltonian Cycles and Sum of subsets. Algebraic computation, fast Fourier Transform, String Matching, Theory of NP-completeness, Approximation algorithms and Randomized algorithms.
Problem Solving through C Programming: Basic Programming Concepts, Introduction to: C Programming Language and programming in C
Object Oriented Techniques: Object orientation, Encapsulation, information hiding, polymorphism, generosity, Object Oriented modelling, UML, Structural Modelling, Behavioural. Modelling and Architectural Modelling. Object Oriented Analysis, Object oriented design, Object design. Structured analysis and structured design (SA/SD), Jackson Structured Development (JSD). Object oriented programming style. Introduction to Java, Java Beans, Enterprise Java beans (EJB), Java Swing; Java as internet programming language. The connectivity model, JDBC/ODBC, Bridge, Introduction to servlets.
Operating System: Definition, Design Goals, Evolution, Structure and Functions of Operating System. Process Management, Memory Management, Concurrent Processes, File and Secondary Storage Management, UNIX and Shell Programming, Windows Programming
Database Management Systems: Database Systems, View of Data Models, Database Languages, DBMS Architecture, Database Users and Data Independence. ER Modelling, Relational Model, Introduction to SQL Relational Database Design, Database Security, Transaction Management, introduction to Query. Processing and Query Optimization, Concurrency Control, and Recovery Techniques.
Computer Networks: Network definition, network topologies, network classifications, network protocol, layered network architecture, overview of OSI reference. Model, TCP/IP protocol suite. Data Communication Fundamentals and Techniques, Networks Switching Techniques and Access mechanisms, Data Link Layer Functions and Protocol, Multiple Access Protocol and Networks, Networks Layer Functions and Protocols, Transport Layer

Functions and Protocols, Overview of Application layer protocol.

Software Engineering: Definition, Software development, and life-cycle models, CMM, Software Quality, role of metrics and measurement. Requirements Analysis and Specification, Software Project Planning, Software Architecture, Software Design and implementation, Software Testing and Reliability
Internet Technology, Web Design and Web Technology: Internet Technology and Protocol, Internet Connectivity, Internet Network, Services on Internet, Electronic Mail, Current Trends on Internet, Web Publishing and Browsing, HTML Programming Basics, Interactivity Tools Internet. Security Management Concepts, Information Privacy and Copyright Issues, Web Technology: protocols, development strategies, applications, Web project and team. Web Page Designing, Scripting, Server Site Programming.
System Analysis And Design: Analysis and Design of a System, documenting and evaluating the system, Data Modelling, Development of Information Management System, Implementation, Testing and Security Aspects .
Information Security and Cyber Laws: Distributed Information Systems, Role of Internet and Web services, Threats and attacks, Assessing-Damages, Security in Mobile and Wireless Computing, Security Threats to E-Commerce, E-Governance and EDI, Concepts in Electronics payment systems, E-Cash, Credit/Debit Cards. Physical Security-Needs Disaster and Controls, Basic Tenets of Physical Security and Physical Entry Controls, Access Control. Model of Cryptographic Systems, Design and Implementation Issues, Policies, Network Security, Attacks, Need of Intrusion Monitoring and Detection, Intrusion Detection. Security metrics- Classification and their benefits. Information Security & Laws, Ethics- Ethical Issues, Issues in Data and Software Privacy. Overview and types of Cyber Crimes .
Computer Graphics Types of computer graphics,-Graphic Displays Random scan displays, Raster scan displays, Frame buffer and video controller, Line and Circle generating algorithms, Transformations, Windowing and Clipping, Three Dimensional graphics, Curves and Surfaces, Hidden Lines and Surfaces.

**SYLLABUS
SUBJECT- ART****Unit-1**

Elements of Painting, Medium, Technique and principles of Composition.

(A) Ancient Traditional and modern medium and Techniques of Painting.

Unit-2

Concepts of Eastern and Western Aesthetics-Definitions, Thinkers, Principles of Art and Inter-relationship of arts. (A) Six limbs of Indian Art.

Unit-3

Indian Pre-historic, Ancient, Classical, and Medieval Art-Development, Style and Specific area.

(A) Indian Modern, and Contemporary Art-Art Groups, Painters, Sculptors, Print-makers, Thinkers and their concepts.

Unit-4

European Pre-historic, Ancient, Classical and Medieval Arts- Development, Style and Specific Area.

(A) Modern Art of Europe, Art-Groups, Isms, Painters, Sculptors, Print-makers, Thinkers and their concepts.

Unit-5

Indian Contemporary Art- Art. Scenerio Artists, Art activities and Current trends.

Art market, Art Criticism and Art- thought.

**Syllabus
Music****1-Vocal**

Vibration and Frequency, Nad and its Characteristics Study of Swar and Shruti, Placement of Shuddha and vikrit Swaras according to Sharangdev, Ahobal, Lochan SriNiwās, Rammamatya and Pt Bhatkhande. Study of the 72 mela system of Pt Vyankatmakhi, study of 10 thaats of Bhatkhande and modern 32 Thatas, placement of shuddha and Vikrit Swaras on the 36"

string of veena according of Pt. Sri Nivas, Sarana- chatustaie, Musical quality of Sound (Swayambhu Swara), Jati Raag, Gram Moorchana Consonance - Dissonance, Harmony-melody, Echo, Resonance, Reverberation, Various kinds of chords Salient Features of western Staff -Notation and its comparison with Pt. Bhatkhande and Pt. Vishnu Digambar Pulaskar.

Notation system: Classification of Ragas, Classification of instruments, Comparative Study of Northern and Southern, Music Systems (with special reference to Raga and Tala), Study of the main Gharans of Vocal music, History of Ancient, Medieval and modern period of music, Short notes on Varna, Alankar, Pakad, Vakara Swara, Kan Murki, Gamak, Kampan Khatka, meend Vadi- Samvadi, Anuvadi, Vivadi, Grah, Ansha, Nyas, Geet, Margi, Deshi ,Nibaddha, Anibaddha, Gaan, Ragalaap, Roopalaap, Alaptigaan, Alpatva-Bahutva, Abirbhav- Tirobhav, Arhdadarshak Swar, Raga, and its Time -theory , Sandhi Prakash Raga, Poorv and Uttar Raga, Parmal — Praveshak Raga, Merits and demerits of Gayaka, Study of Styles of Dhrupad, Dhamar, Thumari, Tappa, Tarana, Chaturang , Trivat. **Study of main Treaties of music:** Natyashastra, Brahadeshi, Sangeet Ratnakar, Biographies of eminent artists — Swami Haridas, Tansen, Pt. Bhatkhande Pt. Vishnu Digambar Pulaskar Ameer Khusro, Pt. Ravishankar, Pt. Onkar nath Thakur. Nikhil Bannerjee.

Study of the main ragas : Kalyan , Bhairav , Bhairavi, Bilawal, Todi, Poorvi , Asavari, Desh, Baggeshwari, Marwa, Kafi, Khamaj, and comparative study of these Ragas.

2. Instrumental:

Study of different instruments- Tabla, Sitar, Tanpura, Pakhawaj, Sarangi, Guitar, Voilin, Harmonium. Ten Pranas of Talas, Varna, Laya, and study of Laykaries; Deshi and Margi talas, study of Sam-Visham Talas, Shortnotes on taal- Tali, theka, Sam, Khali, Avartan, Vibhag, Peshkara, Gat, Kayda, Tukra, Varieties of Paran, Palta, Rela, Peshkara, Damdar and Vedamdar, Tihai,

Mukhra, Tripalli, Chaupalli, Chakradaar bol, Laggi, Ladi,' Jhala, Jod, krantan, Jamzama, Murki, Parts of Tabla, Tuning methods of Tabla, Recognition of instruments by its given bols, recognition of talas by given Bols of Theka, Historical description of instruments, Stuti ke bol, Tukra, Paran ke bol, Navhakka. Study of different Pairs, --Kayda-Peshkra, Chakardar Gat-Tukra, Laya, Tala, Rela.

Study of various Talas- Teental, Chartal, Ektal, Dhamar, Roopak, Keharwa, Adachartal, Deepchandi, Gazjhampa, Teevra, Jhoomra, Seven Talas of Karnatak Music, Study of different Gharanas and Baj of Sitar and. Tabla, Biography of Eminent artists- Pt. Siddhar Khan, Pt. Kanthe Maharaj., Pt. Gudai Maharaj, Pt. Ram Sahai, Ahmed Jaan Thirakwa, Nana Saheb Panse, Pt Bhairav Sahai, NikhilBannerjee, Manilal Nag, Vilayat Khan, Imdad Khan, Ali Akbar Khan. Lalji Srivastava.

Syllabus
Subject-Physical Education

1. Principle and History of Physical Education-

Meaning and Definition of Physical Education, Its Aim and Objectives, Need and Importance of Physical Education, Biological Basis of Physical Education, History of Physical Education in India and world. Olympic game, Asian Game, Common Wealth Game, Afro Asian Game, Important Sports Institutes of India.

2. Psychology in Physical Education- Definition and Importance of Psychology in Physical Education, Define Learning, Laws of Learning and Transfer of Learning, Principle of Learning, Learning Curve, Developmental Characteristics at Different stages of Development, Meaning and Types of Intelligence, Intelligence Quotient, Theories of Intelligence, Meaning and Definition of Personality, Types of Personality, Meaning and Types of Motivation, Play Theory.

3. Organisation and Supervision in Physical Education- Meaning and Importance of Organisation and Supervision, Budget, Principle of Management, Leadership and its Types, Competition - Knockout, League, Combination and Challenge, competition, Extramural and Intramural Competition, Meaning and definition of Recreation, Aims and Objectives of Recreation, Meaning of Camp, Aims and objectives of camp, Types of camp.

4. Anatomy and Physiology in Physical Education- Meaning and Definition of Anatomy and Physiology, cell and tissue, Muscular System, Circulatory System, Respiratory System, Digestive System, Excretory System, Nervous System, Skeleton System, Endocrine System, Sense Organ, Effect of Exercise on different system.

5. Kinesiology in Physical Education- Meaning and Definition of Kinesiology, Fundamental Movement in Body, Structure and Types of Joint, Newton's Law of motion, Levers, Equilibrium, Centre of Gravity, Force, Axis and Planes.

6. Sports Medicine- Meaning of Body Posture and Common deformities, Sports Injuries (Common Sports Injuries and their treatment), Therapeutics modalities and procedures, Massage and its Types.

7. Health Education- Meaning and definition of Health, Dimensions of Health, Meaning, Objective, scope and Principles of Health Education, Communicable Diseases and treatment, Nutrition, Personal Hygiene.

8- Sport's Theory And Rules- Athletics, Football, Hockey, Volleyball, Basketball, Kabaddi, Kho-Kho, Boxing, Gymnastics, Cricket, Hand Ball, badminton, Lawn Tennis, Swimming, Yoga.

9. Sports Training- Meaning, Definition and Principles of sports Training, Qualities and responsibilities of good coach and Official, Meaning and component of physical fitness, Load and Adaptation, Super compensation, Periodization, Training Methods.

10. Test and Measurement- Meaning, Definition and Importance of Test and measurement, Criteria of a good Test, AAPHER Test, Harvard Step Test, Soccer skill Test, Hockey skill Test, Volleyball Skill Test, Flexibility Test.

SYLLABUS
Subject: Sanskrit

गद्य, पद्य एवं नाटक-

अधोलिखित- ग्रन्थों के निर्धारित अंशों के आधार पर शब्दार्थ- विवेचन, सूक्ति, व्याकरणात्मक टिप्पणी एवं चरित्र-चित्रण से सम्बद्ध प्रश्न:

कठोपनिषद् (प्रथम वल्ली), श्रीमद्भगवद्गीता (द्वितीय अध्याय), अभिज्ञानशाकुन्तलम् (चतुर्थ अंक), मेघदूतम् (पूर्वमेघ), किरातार्जुनीयम् (प्रथम सर्ग) कादम्बरी- (शुकनासोपदेश), नीतिशतकम् (सम्पूर्ण) उत्तररामचरितम् (तृतीय अंक) एवं शिवराजविजयम्, (प्रथम निःश्वास)।

व्याकरण-

लघुसिद्धान्तकौमुदी के आधार पर प्रत्याहार, सन्धि, समास, कारक, प्रत्यय एवं शब्दरूपों तथा धातु- रूपों से सम्बद्ध प्रश्न।

प्रत्याहार- प्रत्याहारों का परिचय।

सन्धि- अच् सन्धि, व्यंजन सन्धि एवं विसर्ग सन्धि।

समास- अव्ययीभाव, तत्पुरुष, कर्मधारय, द्विगु, द्वन्द्व एवं बहुव्रीहि समास।

कारक- विभक्त्यर्थ-प्रकरण।

प्रत्यय- क्वा (ल्यप्), क्त, क्तवत्, शतृ, शानच्, ल्युट्, तुमुन्, ण्वुल्, तृच्, अनीयर्, तव्यत्, घञ, क्तिन्, मत्तुप एवं अण् प्रत्यय।

शब्द -रूप अकारान्त, इकारान्त, उकारान्त एवं ऋकारान्त, पुल्लिङ्ग, स्त्रीलिङ्ग तथा नपुंसकलिङ्ग शब्दों के रूप।

सर्वनाम-शब्द- सर्व, यत्, तत्, किम्, एतत्, इदम्, अस्मद्, युष्मद् शब्दों के रूप।

धातु-रूप- भू, गम्, पठ्, दृश्, अस्, पा, लम्, हन्, दा, कथ्, प्रच्छ्, लिख्, वद्, कृ, तथा ज्ञा धातुओं के लट्, लोट्, लृट्, लङ् और विधिलिङ् में रूप।

संख्यावाचक शब्द- एक से सौ तक की संख्याओं के संस्कृत शब्दों का ज्ञान।

वाच्य- परिवर्तन अशुद्धि परिमार्जन।

सुभाषित एवं सूक्तियाँ- संस्कृत सुभाषित एवं सूक्तियों का परिज्ञान।

साहित्य का इतिहास- रामायण, महाभारत, रघुवंश, कुमारसम्भव, किरातार्जुनीय, शिशुपालवध, नैषधीयचरित, प्रतिमानाटक, स्वप्नवासवदत्त, मुद्राराक्षस, अभिज्ञानशाकुन्तल, दशकुमारचरित, कादम्बरी एवं पंचतंत्र काव्यों का सामान्य परिचय।

SYLLABUS
Subject: Urdu

1- उर्दू ज़बान की मुखतसर तारीख (पैदाइश और इरतेका)।

2- दिल्ली और लखनऊ के दबिस्तान-ए-शायरी।

3- उर्दू शायरी का इर्तिका।

4- उर्दू अस्नाफे नज़्म-ओ नज़्म (गज़ल, कसीदा, गसनवी, गर्सिया, नज़्म, दास्तान, नावेल, झंगा, अफसाना)।

5- तरक्की पसन्द तहरीक (इस्तेदा और इर्तिका)।

6- ग़शहूर किताबें- बाग-ओ-बहार, फसानए अजाइब, फसानए आजाद, शेख़ल, अजग, गवाजनए अनीस-ओ-दबीर, हगारी शायरी।

7- ग़शहूर गुस्निफ़ीन और शोअरा-गीर अगन, रज़्ज़ब अली बेग़ सुरुर, सर सय्यद अहमद ख़ॉ, अबुल कलाग़ आजाद, गौलाना गुल्मग़द हुसैन आजाद, गीर तकीगीर, जौक, गालिब, गोगिन, इकबाल, चकबस्त, अकबर इलाहाबादी, फिराक, फ़ैज़ अहमद फ़ैज़, जोश।

8- कबाइद: जगाना (गाजी, हाल, गुस्तकबिल), तजकीर-ओ-तानीस, वाहिद, जगा, तशबीह, इस्तेआरा, तजनीस, हुस्ने तालील, तलगीह, तजाद, लफ-ओ-तश, इस्ग, जगीर, सिफ़्त, फेल, गुलायरे और कलावतें।

9- जदीद दौर के ग़शहूर शायर और अदीब, अखतरूल ईगान- नासिर काजमी, शहरयार, गीरा जी, नून, गीग, राशिद- प्रो० एहतेशाग़ हुसैन, शग़सूरहगान फारुकी, आले अहमद सुरुर, कलीग उद्दीन अहमद, डा० गुल्मग़द हसन।

10- अख़्बारात, रिसाले।

SYLLABUS
GENERAL STUDIES

(1) **History of India and Indian National movement:-** In History of India emphasis should be on broad understanding of social, economic and politic aspects of Indian history. In the Indian National movement, the candidates are expected to have synoptic view of the freedom movement, growth of nationalist and attainment of Independence.

(2) **Indian and World Geography-** Physical, Social, Economic Geography of India and the World :- Questions on the Geography of India will relate to Physical, Social & Economic Geography of India. In World Geography only general understanding of the subject will be expected.

(3) **Indian Polity and Governance, Constitution, Political system, Panchayati Raj & Public Policy, rights-issues etc :-** Indian polity and Governance questions will test knowledge of country's Constitution, political- system including Panchayati Raj and Community Development.

(4) **Indian Economy and Social Development :-** The candidates will be tested with- respect to problems and relationship between population, Environment, Urbanisation., broad features of economic policy in India and Indian Culture.

(5) **Current Events of National and International Importance:-** This will also include questions on Games & Sports.

(6) **Indian Agriculture :-** The candidates will be expected to have general Understanding of agriculture in India, agricultural produce and its marketing.

(7) **General Science :-** Questions On General Science will cover general appreciation and Understanding of science including matters of everyday observation and special study of any scientific discipline. This will also include questions on role of science and technology in the development of India.

(8) **Elementary Mathematics up to class 10th level :-** Arithmetic, Algebra and Geometry. **Note:-**The candidates are expected to have general awareness about the above topics with special reference to UP.

SECRETARY