

DATE SHEET		
Date & Day	Paper	Time
07-03-2021 (Sunday)	Paper-I (Objective type)	10.00 a.m. – 11.00 a.m.
	Paper-II (Subjective type)	11.30 a.m. – 1.30 p.m.

IMPORTANT NOTES

1. Only the candidates, who have passed or are appearing in the qualifying examination for a particular Course can apply for the Entrance Test.
2. The Syllabus for M.Phil. & Ph.D. Entrance Examination will be as prescribed for Master's Degree or equivalent classes of Panjab University in the relevant subject.
3. **Special arrangements for amanuensis (writer of Answer):**
A candidate may be allowed help of an amanuensis (writer) if he/she is:
 - (i) Blind
OR
 - (ii) Permanently disabled from writing with his/her own hand.
 - (iii) Temporarily disabled from writing on account of fracture of the right or left arm, forearm or dislocation of a shoulder elbow or wrist etc. The candidate shall produce a certificate from a Professor of the speciality concerned of a Medical College and where there is no Medical College, from the Chief Medical Officer of the District concerned to the effect that the candidate is unable to write his/her Answer-books because of the temporary disablement.
4. 20 minutes extra per hour would be given to the visually handicapped / PwD candidates for each paper.
5. Candidates securing equal marks shall be bracketed together. Their **inter-se** merit will be determined by the Institution in accordance with the following criteria:
 - (i) A candidate getting higher percentage of marks in the qualifying examination shall rank higher in order of merit.
 - (ii) That if the marks in qualifying examination are also the same then the candidates obtaining more marks in the immediate lower examination, shall rank higher in order of merit.
 - (iii) That if two or more candidates secure equal marks in (i) & (ii) above, candidate senior in age shall rank higher in the order of merit.
6. The result of the Entrance Test will be available at <http://results.puchd.ac.in>. **No separate Result Cards will be issued.**
7. **Candidates can deposit their Admission Form for M.Phil. and Ph.D. only after the declaration of the result of the M.Phil. & Ph.D. Entrance Test-2020.**

PROCEDURE FOR ADMISSION TO M.Phil. & Ph.D. PROGRAMME

For admission, the candidates have to qualify M.Phil. & Ph.D. entrance test conducted by the Panjab University, Chandigarh.

The written test shall be followed by a mandatory interview in the form of interaction to be organized by the concerned school / department/ Institute/ Centres, as the case may be. At the time of interview, the candidates are expected to discuss their research area. Interview is essential for enrolment in M.Phil. & Ph.D. programme and selection would be solely based on the performance of the candidates in the Interview.

RESERVATION FOR M.PHIL. PROGRAMME

- (i) 15% for candidates of Scheduled Castes.
- (ii) 7 ½% for candidates of Scheduled Tribes; and
- (iii) 5% for candidates of Backward Classes as defined by the Government from time to time.
- (iv) 5% for the Persons with Disability (PwD)

ELIGIBILITY CRITERIA FOR ADMISSION TO M.PHIL. PROGRAMME

1. Candidates for admission to the M.Phil. programme shall have a Master's degree or a professional degree declared equivalent to the Master's degree by the corresponding statutory regulatory body, with at least 55% marks in aggregate or its equivalent grade 'B' in the UGC-7 point scale (or an equivalent grade in a point scale wherever grading system is followed) or an equivalent degree from a foreign educational institution accredited by an Assessment and Accreditation Agency which is approved, recognized or authorized by an authority, established or incorporated under a law in its home country or any other statutory authority in that country for the purpose of assessing, accrediting or assuring quality and standards of educational institution.
2. A relaxation of 5% of marks, from 55% to 50% or an equivalent relaxation of grade, may be allowed for those belonging to SC/ST/BC (non-creamy layer)/ PwD and other categories of candidates as per the decision of the Commission from time to time, or for those who had obtained their Master's degree prior to 19th September 1991. The eligibility marks of 55% (or an equivalent grade in a point scale wherever grading system is followed) and the relaxation of 5% to the categories mentioned above are permissible based only on the qualifying marks without including the grace mark procedure.

ELIGIBILITY FOR TEST IN FACULTY OF PHARMACEUTICAL SCIENCES

1. (a) Bachelor degree of Pharmacy.
(b) Master's degree of Pharmacy in Pharmaceutical Chemistry / Pharmaceutics/ Pharmacognosy / Pharmacology / Pharmaceutical

analysis / Pharmaceutical Quality Assurance/ Pharmaceutical Analysis & Quality Assurance / Drug Discovery and Drug Development

OR

Master's degree related to subjects listed under 1-b above with equivalence of course content. The equivalence shall be examined and decided by the Academic Committee of the UIPS.

2. Qualified GPAT/GATE/ Panjab University Ph.D. Entrance Test.
3. Direct awardees of the national fellowships from any of the agencies of Government of India but not holding qualified GPAT/ GATE/ Panjab university Ph.D. Entrance Test shall be able to register for Ph.D. but will have to qualify GPAT/ Panjab University Ph.D. Entrance Test before their candidacy is considered for approval.
4. The candidate must have an assured fellowship or scholarship for two years with annual contingency not less than the prevailing contingency of UGC junior research fellowship from a Government agency / University / industry.

ELIGIBILITY FOR TEST IN FACULTY OF ARTS, EDUCATION, LANGUAGES, SCIENCE, DESIGN AND FINE ARTS, LAW, AND ENGINEERING

Any candidate who has passed the Master's examination in the concerned subject with a score of not less than 55% (50% for SC/ST/BC/PwD Category) marks in aggregate, or have appeared in the final year examination of Master's degree in the subject concerned from Panjab University, Chandigarh or from any other University (approved by the appropriate Academic Bodies of P.U.), shall also be eligible to appear for the M.Phil. & Ph.D. Entrance Test.

For Gandhian Studies (M.Phil. & Ph.D.)

The students possessing degree of M.A. in Gandhian and Peace Studies be considered for enrolment for Ph.D. degree in the other subjects of Arts and Social Sciences provided they clear the Entrance Test in the subject in which the enrolment is sought.

For Public Administration (M.Phil. & Ph.D.)

A candidate should have obtained Masters Degree in Public Administration or Political Science or Economics or Sociology or Psychology with at least 55% (50% for SC/ST/BC/PwD Category) marks in aggregate for M.Phil. & Ph.D. in Public Administration.

Eligibility for Defence Studies (M.Phil. & Ph.D.)

For Ph.D. the candidate should have obtained Master's degree with 55% (50% for SC/ST/BC/PwD Category) marks.

For M.Phil. in Defence & Strategic Studies, the candidate should have obtained Master's degree with 55% (50% for SC/ST/BC/PwD Category) marks in

aggregate. However, the Defence Personnel i.e. the officers volunteering for the course having the rank of Lt. Colonel & above are exempted from appearing in entrance test. They should have PG degree with minimum marks of 50% of PG level & should carry research related activities and involved in imparting instructions in military related subjects; they should be conversant with formalizing concepts and doctrines.

Eligibility for Women Studies for Ph.D.

A candidate for the degree of Doctor of Philosophy in Women Studies should have obtained from the University the Master's degree with minimum of 55% (50% for SC/ST/BC/PwD Category) marks in any Faculty.

Eligibility for Swami Vivekananda Studies for Ph.D.

As per Syndicate decision (para 31 dated 27.2.2016) that Ph.D. programme be opened to the students from various discipline who have cleared UGC-NET in their own discipline or Ph.D. Entrance Examination in Swami Vivekananda Studies conducted by Panjab University. These candidates will have to do Course work in Swami Vivekananda Studies or if they want to do it in their own discipline then they will have to also pass the certificate course in Vivekananda Studies over and above Master's Degree.

Eligibility for Faculty of Education for

(i) M.Phil. in Department of Physical Education:

The qualification for admission to the course shall be M.P.Ed. of Panjab University with at least 55% marks (50% marks for SC/ST/BC Category).

OR

M.P.Ed. (two years) degree with 55% (50% marks for SC/ST/BC Category) marks of any other University recognized by Panjab University.

Minimum aggregate marks to Pass: As per University regulation.

Admission shall be on the basis of Panjab University Entrance Test.

(ii) Ph.D. in Community Education:

Master's Degrees in Education / Master's Degree in Community Education and Development with 55% marks and 5% relaxation to the SC/ST/BC (non creamy layer)/ Differently-Abled and other categories of candidates as per the decision of the Commission from time to time and, or for those who had obtained their Master's Degree prior to 19th September, 1991. The criteria for the admission in Ph.D. programme as per the circular No. ST. 8341-8491 dated 04-07-2018.

For M.Phil. in Sociology, a candidate should have obtained Master's degree in the subject of Sociology or Anthropology (Social Anthropology) with 55%(50% for SC/ST/BC/PwD Category) marks in aggregate.

Any candidate with M.Sc. (any branch of science)/ M.Tech./M.E. (any branch of engineering)/ M.Pharm. relevant to Nanoscience and Nanotechnology would be considered as eligible to pursue Ph.D. in Nanoscience and Nanotechnology. Minimum 55% (50% for SC/ST/BC/PwD Category) marks in aggregate are required in qualifying exam and existing rules of the university will apply. Further, the final decision of enrolment will be subject to the approval by the Joint Academic Administrative Purse (JAAP) committee (subject to the approval of Syndicate/ Senate).

ELIGIBILITY FOR TEST OF FACULTY OF BUSINESS MANAGEMENT & COMMERCE

Any candidate who has obtained Master's degree with not less than 55% (50% for SC/ST/BC/PwD Category) marks in the aggregate, from Panjab University or from any other University (approved by the Academic Council) in any one of the following subjects: -

- (i) Commerce or Management
- OR
- (ii) Economics, Mathematics, Statistics, Sociology, Psychology, Public Administration, Operations Research, Social Work, Engineering and Laws.
- OR
- (iii) Any subject other than those mentioned in (i) and (ii) above provided that the candidate has either not less than 5 years' work experience at the managerial (including administrative service) level or is a member of the Faculty in the Department of University Business School, Panjab University with not less than 5 years' experience of teaching postgraduate classes.
- OR
- (iv) Master of Finance and Control (MFC)

Provided further that candidates with qualification, mentioned in (ii) & (iii) above shall be eligible for enrolment only if the area of research relates to the Faculty of Business Management and Commerce.

- (v) The following categories of candidates, who are graduates and have either a minimum 5 years' standing in the profession (practice or service) or 5 years' experience of teaching postgraduate classes, shall also be eligible:
 - (a) A member (Associate or Fellow) of the Institute of Chartered Accountants of India.
 - (b) A member (Associate or Fellow) of the Institute of the Cost & Works Accountants of India.
 - (c) A member (Associate or Fellow) of the Institute of Company Secretaries of India.

University Business School, Panjab University, Chandigarh, will admit students to Ph.D. programme once in a year only, i.e. in the beginning of the session of Ph.D. Programme, as University Business School has two-semester course-work.

EXEMPTION FROM ENTRANCE TEST FOR ENROLMENT To M.Phil / Ph.D. AS PER THE CIRCULAR NO. 8341-8491 DATED 04-07-2018

Panjab University shall admit M.Phil./ Ph.D. students through Entrance Test conducted at the level of the University. However, exemption from entrance test will be given to those who have already cleared any of the national test like UGC-CSIR NET including JRF, SLET, GATE, or any other prestigious test for national level scholarship/ fellowship conducted at all India level on behalf of national institution(s), for example, GPAT, and JEST, Direct awardees of fellowship for pursuing Ph.D. and working permanent teachers of Panjab University and affiliated college are also exempted from the entrance test.

VALIDITY

GATE/ GPAT or any other national level test meant for admission to Ph.D./ M.Phil. would be valid forever. However, the validity of PU University Entrance Test for admission to Ph.D. / M.Phil. courses would be **THREE** Years.

SCHEME OF TEST

The medium of examination shall be ENGLISH only, except in the test for language other than English.

Test for Public Administration, Sociology, Social Work, Police Administration and Music will be conducted in the medium of English, Hindi and Punjabi.

The Test shall consist of 2 papers in each subject as detailed below: -

Paper-I (Objective Type / Multiple Choice Questions)

Duration: One Hour Maximum Marks: 50

Number of questions: 50 Questions to be attempted: 50

Each question will carry one mark. **There will be no negative marking.**

IMPORTANT NOTE: There will be 25 questions on Research Methodology in Part A and 25 MCQs on Subject specialization in Part B).

Paper-II (Subjective / Descriptive Type)

Duration: Two Hours Maximum Marks: 50

Number of questions: 08 Questions to be attempted: 05

Each question will carry ten marks.

IMPORTANT NOTE: (There will be FOUR questions on **Research Methodology in Part A** and FOUR questions on **Subject Specialisation in Part B** in **Paper II**. Out of that the candidate is expected to attempt FIVE questions atleast two questions from each Part in Paper II).

Use of calculator for Paper-II is allowed. However, use of programmable calculator is not allowed.

RESULT

Initial evaluation will be of Paper-I (Objective Type). Only if a candidate obtains 40% (35% for SC/ST/BC/PwD) marks or more only then his/ her paper II will be evaluated.

However, the total qualifying marks for Paper I and II would be 50%. (Syndicate Para 2 dated 08-03-2020).

Result of M.Phil. & Ph.D. entrance test will be available on Panjab University website results.puchd.ac.in

INTERVIEW

The interview for admission to the Ph.D. shall be conducted at least twice a year. However, it shall not be applicable to the scholarship holders employed in a project. The Supervisor of the candidate shall be a member of the Interview

Committee. However, the entrance test for admission to Ph.D. shall be conducted only once a year as prevalent.

FELLOWSHIP: A few University fellowships are available for Ph.D. research. If successful candidates wish to be considered for the University fellowship they should report to their respective departments.

ENROLMENT TO Ph.D.

The candidates who qualify the said test shall have to directly, and independently, approach the respective department in which they want to pursue research within the period of two years from the date of declaration of result. They should submit the Enrolment Form to the concerned Department by the due date.

5% seats are reserved for the Persons with Disability (PwD) for admission in higher education at courses such as M.Phil. and Ph.D. (Section 39 of PwD Act 1995).

The reservation of seats of SC/ST/BC/PwD candidates will be departmentwise and L-shaped roster would be followed, i.e. if the number of seats in a given year is less than 7, then the reservation will be given in the next year when the 7th seat (counting seat of both the years) become available.

The specialization within the subject for giving reservation will be decided by the department.

Reservation policy is to be followed for Ph.D. students working as Project Fellow in various Projects also. Every Project In-charge / Principal Investigator would be enjoined upon to ensure that nth Project fellow recruited under him/her is from the reserved category enlisted for reservation at the nth position e.g. every 7th project fellow is for SC Category and so on.

The registration of Ph.D. Students would be twice a year except in those departments where one year Pre-Ph.D. course work is running for which it will be once a year.

The registration shall be done in the month of January - February and July-August.

IMPORTANT NOTE: ANY MODIFICATION REGARDING M.PHIL. / PH.D. -2020 ENTRANCE TEST WILL BE UPLOADED ON THE WEBSITE LATER ON.

GROUP – IV

STRATEGIC MANAGEMENT

Fundamentals of Micro Economic and Macro Economics; Forces in the External Environment economic and non-economic; Forces in the Internal Environment; Formulation and Implementation of Corporate Level Strategy, Global Strategy, Business Level Strategy, and various Functional Level Strategies- including Marketing Strategy, Human Resources Strategy, Operation Strategy and Financial Strategy; Entrepreneurship and Strategies for Entrepreneurial Ventures.