# **CONTENTS**

GENERAL INFORMATION	3
GENERAL RULES	7

# **Price (Including Entrance Test Fee)**

General Category Rs. 1700/-SC/ST Category Rs. 850/-

The Syllabus for Special Ph.D. Entrance Examination will be as prescribed for Master's Degree or equivalent classes of Panjab University in the relevant subject.

# Date of Test **02-01-2011** (Sunday)

Application Form alongwith Admit Card can be downloaded from University Website "www.puchd.ac.in". In that case please attach bank draft for Rs. 1700/-(Rs. 850/- for SC/ST) drawn in favour of the Registrar, P.U., Chandigarh, payable at Chandigarh, and two self-addressed envelopes 4"x10", duly stamped for Rs. 22/- each.

# **IMPORTANT DATES/INFORMATION FOR ENTRANCE TEST-2011**

Last date for receipt of Application Form 16-12-2010 upto 4.00 p.m. (Thursday)

Date of dispatch of Admit Cards 21-12-2010 (Tuesday)

02-01-2011 (Sunday) Date of Test

DATE SHEET		
Date & Day	Paper	Time
02 01 2011 (CUNDAY)	Paper-I	10.00 a.m. – 11.00 a.m.
02-01-2011 (SUNDAY)	Paper-II	11.30 a.m. – 1.30 p.m.

# PANJAB UNIVERSITY, CHANDIGARH

#### **GENERAL INFORMATION**

The Panjab University will hold an Entrance Test for enrolment to Ph.D. in the Faculties of Engineering, Languages, Law and Design & Fine Arts on **SUNDAY**, **January 02**, **2011**, at **CHANDIGARH.** The tentative availability of Ph.D. seats in the relevant subjects is as under:-

**Faculty of Languages** 

Name of the Subject	Tentative No. of available slots
Russian	8

**Faculty of Design and Fine Arts** 

Subject	Tentative No. of available slots
Music	7

**Faculty of Laws** 

Institute	Tentative No. of available slots
Department of Laws, P.U., Chandigarh	1
U.I.L.S	34

#### Faculty of Engineering\*

University Institute of Chemical Engineering & Technology, P.U., Chandigarh		
Industrial Chemistry		
National Institute of Technical Teachers Training & Research, Sector 26, Chandigarh		
BRANCHES	Tentative No. of available slots	
Instrumentation & Control	02	
Manufacturing Technology	02	
Construction Technology & Management	02	
Engineering Education	02	

• Detailed syllabi is available at Panjab University website www.puchd.ac.in

IMPORTANT NOTE: These seats will be subject to reservation as per Panjab University Rules and Regulations.

#### PROCEDURE FOR ADMISSION TO Ph.D. PROGRAMME

The candidates shall be admitted to Ph.D. Programme either directly or through M. Phil. Programme. For admission to these courses the candidates have to qualify Ph.D. entrance test conducted by the Panjab University.

The written test shall be followed by a mandatory interview in the form of interaction to be organized by the concerned school / department/ institute, as the case may be. At the time of interview, Doctoral candidates are expected to discuss their research area.

# <u>ELIGIBILITY FOR TEST IN FACULTY OF LANGUAGES, DESIGN AND FINE ARTS, LAW, AND ENGINEERING</u>

Any candidate who has passed the Master's examination in the concerned subject with a score of at least 55% (50% for SC/ST Category) marks in aggregate, or have appeared in the final year examination of Master's degree in the subject concerned from Panjab University or any other University (approved by the appropriate Academic Bodies of P.U.), shall also be eligible to appear for the Ph.D. Entrance Test.

## **EXEMPTION FROM ENTRANCE TEST FOR ENROLMENT TO Ph.D.**

Every candidate interested in admission to Ph.D. Programme in any of the school/department/ institute of Panjab University has to appear in Ph.D. Entrance Test except the following:-

- (i) The candidates who have qualified UGC/CSIR (JRF) / SLET/ GATE examination.
  - In case of Science and Engineering Departments / Institutes (because of the cost of the laboratory work) it will be prerogative of the Academic Committee of the Department to decide whether the candidates who have cleared SLET/ Ph.D. entrance test without fellowship be admitted to Ph.D. Programme or not.
- (ii) Candidates who are Teacher Fellowship Holders/ direct awardees of fellowship by DST (INSPIRE), ICMR or any other National Agency.
- (iii) Candidates who have joined M.Phil. on the basis of University entrance test for Ph.D./ M.Phil.
- (iv) Sponsored Foreign Students holding valid Research Visa for doing Ph.D. under the ICCR or other Academic Exchange Programme fellowships of governments. However, each such case shall be decided by the Academic Committee of the concerned Department.

#### **VALIDITY**

On qualifying the Ph.D. entrance test the candidate can enroll himself / herself for Ph.D. within a period of TWO YEARS from the date of declaration of the result of the said Test.

#### **SCHEME OF TEST**

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

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.

#### Paper-II (Subjective / Descriptive Type)

Duration: Two Hours Maximum Marks: 50

Number of questions: 10 Questions to be attempted: 05

Each question will carry ten marks.

#### **IMPORTANT NOTE**

#### (i) For Faculty of Engineering

Paper-I (Objective type) will include MCQs on Applied Mathematics.

Paper II (Subjective type) will be based on each branch of Engineering.

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

#### (ii) For Faculty of Laws

Paper-I (Objective type) will be based upon Research Methodology, Current Legal Affairs and Identified Core Subjects as per the scheme given below:-

Research Methodology 10 Questions Current Legal Awareness 10 Questions Identified Core Subjects 30 Questions

Paper-II (Subjective Type) will consist of 10 questions on Identified Core Subjects. It shall be divided into 5 units and the candidate shall be required to attempt atleast one question from each unit.

The term **Identified Core Subjects** means Constitutional Law; Family Law; Commercial Law, Criminal Law and Jurisprudence.

Scheme of the test will be as described above.

#### **RESULT**

#### (i) For Faculty of Laws

The candidate who secures 40% in the first paper, his/her second paper will be evaluated (vide Syndicate Para-29 dated 30.10.2010)

## (ii) For Other Faculties

Initial evaluation will be of Paper-I (Objective Type). Only if a candidate obtains 55% (50% for SC/ST) marks or more then his/ her paper II will be evaluated.

To qualify for Ph.D. enrolment the candidate must obtain at least 40% (35% for SC/ST) marks in paper II.

Result of Ph.D. entrance test will be available at Panjab University Main Enquiry and also on University website <a href="https://www.puchd.ac.in">www.puchd.ac.in</a>

**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 for enrolment within two months of the declaration of Ph.D. Entrance Test Result.

## **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.

# **GENERAL RULES**

- 1. QUALIFYING THE ENTRANCE TEST SHALL NOT, IPSO FACTO, ENTITLE A CANDIDATE TO GET ENROLMENT IN THE DEPARTMENT CONCERNED WHERE HE/SHE INTENDS TO SEEK ENROLMENT. IT WILL BE THE RESPONSIBILITY OF THE CANDIDATE TO ENSURE HIS/HER ELIGIBILITY AND FULFILLMENT OF SUCH OTHER CONDITIONS AS MAY BE PRESCRIBED FOR ENROLMENT IN THE RULES AND REGULATIONS OF THE UNIVERSITY. THE ENROLMENT WILL BE SUBJECT TO THE AVAILABILITY OF SEATS AND EXPERTS FOR GUIDANCE/ SUPERVISION IN THE AREA OF RESEARCH TO BE CHOSEN BY THE CANDIDATE AND THE CANDIDATE IS REQUIRED TO VERIFY THESE FACTS FROM THE CONCERNED DEPARTMENT BEFORE APPLYING FOR THE TEST.
- 2. ONCE PAID, THE COST OF PROSPECTUS FOR THE ENTRANCE TEST SHALL IN NO CASE BE REFUNDED.
- 3. The Entrance Test will be held at **CHANDIGARH**, on **SUNDAY**, **JANUARY 02**, **2011**.
- 4. A candidate desirous of taking Ph.D. entrance test should submit his/ her Application Form in ORIGINAL. A photocopy or the typed copy of the prescribed Form shall be summarily rejected. Such candidate shall not be allowed to take the test under any circumstances.

The Application Form could also be DOWNLOADED from Panjab University website (<a href="www.puchd.ac.in">www.puchd.ac.in</a>). However, the same should be accompanied by the Demand Draft of Rs. 1700/- (Rs. 850/- in case of SC/ST).

5. The prescribed Application Form, complete in all respects alongwith requisite documents should be submitted in person or reach through registered post in the prescribed envelope to:

The Assistant Registrar,

CET CELL, Aruna Ranjit Chandra Hall (Near Post Office), Panjab University, Sector-14, Chandigarh – 160014.

on or before DECEMBER 16, 2010 (THURSDAY) UP TO 4:00 P.M.

- 6. The documents as mentioned below must accompany the application form in the following sequence only
  - (1) Acknowledgement Card
  - (2) Main Application form
  - (3) Admit Card
  - (4) Two Self-addressed duly stamped envelopes for Admit Card & Result Card
- 7. Any incomplete Application Form (in any manner) and the Application Form received after last date shall not be entertained under any circumstances whatsoever. Roll Numbers to such candidates shall not be issued and no correspondence in this connection shall be made or entertained by the University. Panjab University does not take any responsibility for any postal delay or delay in the delivery by Courier or by any other means or for loss in transit of the application form.
- 8. The candidates shall not be allowed to make any change in the Application Form (by way of any addition / deletion / alteration/ amendment /change of any particulars, etc.) under any circumstances once the same has been submitted in the University office.

- 9. For Blind Candidates: Any blind candidate can avail of the services of a writer. The maximum qualification of a writer is 10+2. He/ She should not have attained the above-mentioned qualification more than one year prior to the entrance test. The interested blind candidates should contact the Assistant Registrar, CET Cell one week before the commencement of the entrance test to fulfill the formalities for the assignment of a writer.
- 10. ADMIT CARDS WILL BE ISSUED TO THE CANDIDATES **PROVISIONALLY**. THE CANDIDATES SHALL BE TAKING TEST AT THEIR OWN RISK AND RESPONSIBILITY SUBJECT TO FINAL CONFIRMATION OF THEIR ELIGIBILITY AT THE TIME OF ENROLMENT. THE UNIVERSITY SHALL, IN NO WAY, BE RESPONSIBLE IF THEY ARE FOUND TO BE INELIGIBLE LATER, LEADING TO CANCELLATION OF THEIR RESULT OR ANY OTHER CONSEQUENCE(S) EMANATING FROM THE SAME.
- 11. The Admit Cards will be dispatched by TUESDAY, DECEMBER 21, 2010. In case any candidate does not receive the same by DECEMBER 31, 2010 (FRIDAY), he/she should come personally, along with an attested photograph as well as a written request, to CET Cell, Panjab University, Chandigarh for obtaining Duplicate Admit Card on JANUARY 01 (SATURDAY) 2011.

THE FOLLOWING FEE SHALL BE CHARGED FOR ISSUE OF DUPLICATE ADMIT CARD/ RESULT CARD FOR THE SPECIAL Ph.D. ENTRANCE TEST-2011

For issue of Duplicate Admit Card Rs.60/-

For issue of Duplicate Result Card

Rs.350/- + Rs. 60/- as cost of application form

- 12. THE CANDIDATES SHALL BE ADMITTED TO THE TEST ONLY ON THE PRODUCTION OF THE ADMIT CARD AT THE TEST CENTRE. NO CANDIDATE SHALL BE ALLOWED TO TAKE THE TEST WITHOUT THE ADMIT CARD UNDER ANY CIRCUMSTANCES. THE CANDIDATES MUST RETAIN THE ADMIT CARDS WITH THEM TILL THE ENROLMENT PROCESS IS OVER AND MUST PRODUCE THE SAME AT THE TIME OF ENROLMENT.
- 13. The candidates shall be required to answer the questions only on the Answer-Sheets provided for that purpose, as per the rules/ norms stated in the respective Answer Sheets.
- 14. The use of calculator is not allowed in any subject/paper, except in Paper-II of Faculty of Engineering. But it should not be Programmable Calculator.
- 15. The university will provide the logarithmic table. Borrowing of log table or other material from any other person/ candidate is not allowed.
- 16. For rough work, only the sheets marked 'Rough Work' at the end of the question booklet/script should be used. No rough work should be done on the Answer Sheet under any circumstances.
- 17. THE CANDIDATES ARE NOT PERMITTED TO CARRY ANY TELECOMMUNICATION EQUIPMENT SUCH AS PAGER, CELLULAR PHONE, WIRELESS SET, ETC., INSIDE THE EXAMINATION HALL. ANYBODY IN POSSESSION OF TELECOMMUNICATION EQUIPMENT WILL MAKE HERSELF/HIMSELF LIABLE FOR EXPULSION.

- 18. Any person who impersonates a candidate shall be disqualified from appearing in any University examination for a period of five years including this test. If that person is a student on the rolls of a recognized College or University, he/she shall be declared as a person not fit and proper to be admitted to any examination of this University for a period of 5 years. His/her case, if necessary, shall also be reported to the police for any further action in the matter. The candidate who is being impersonated shall also be disqualified for a period of Five Years from appearing in any examination of this University, apart from any other action which the University may take against him, as deemed fit.
- 19. Any candidate who creates disturbance of any kind during examination or otherwise misbehaves in or around the examination hall or refuses to obey the Superintendent/Deputy Superintendent/Assistant Superintendent/any other official on examination duty or changes his/her seat with any other candidate or occupies any seat, other than the one allotted to him/her shall be expelled from the examination hall. ("Expulsion" for this purpose would mean cancellation of candidature)
- 20. Any candidate having in his possession or accessible to him/her papers/books or notes which may possibly be of any assistance to him /her or is found giving or receiving assistance, or copying from any paper/book or note or from anywhere else or allowing any other candidate to copy from his/her answer book or found writing on any other paper question set in the question paper during examination, or using or attempting to use any other unfair means, or indulging in any kind of misconduct, shall be expelled from the examination hall.
  - ("Expulsion" for this purpose would mean cancellation of candidature)
- 21. The Centre Superintendent/Observer/any other authorized University Officer/Official shall be competent to expel a candidate from the Examination Centre under instruction Nos.19 & 20
- No candidate be permitted to leave the examination hall/room before the expiry of the time allowed for the examination.
- 23. The candidates shall be required to hand over their answer-sheets and the question papers / booklets in full to the Centre Superintendent even if they have not attempted any question. No page/part of the Question Paper/Answer Sheet is to be removed / torn/taken out of the Examination Centre under any circumstances, failing which the candidates shall be disqualified from the entire test.
- 24. There will be no negative marking.
- 25. There shall be no re-evaluation/re-checking/re-assessment of answer-sheets. Request for seeing the Question Booklet/Evaluated Answer Sheets/Answer-Books by the candidates shall not be entertained. The evaluation once done by the University shall be taken as absolutely final.
- 26. If any answer sheet of a candidate shows or if it is otherwise established that he/she has received or attempted to receive help from any source in any manner or has given help or attempted to give help to any other candidate in any manner, the relevant answer-sheets shall be cancelled. The decision of the Controller of Examinations, Panjab University, Chandigarh, in this regard shall be final.
- 27. If a candidate writes his/her name or puts any kind of identification mark or discloses his/her identity by any method whatsoever on the cover or anywhere else in the Question

- Booklet/Answer Sheets, the same shall be treated as cancelled. <u>The decision of the Controller of Examinations</u>, Paniab University, Chandigarh, in this regard shall be final.
- 28. If it is found that a candidate has knowingly or willfully concealed or suppressed any information/fact which renders him/her ineligible to take the Entrance Test, his/her result of the Test and as also enrolment to Ph.D., if granted, shall stand cancelled. He/ She shall have no claim, whatsoever, against the University. The case, if necessary, shall be reported to the police for any further necessary action in the matter.
- 29. If a dispute or controversy of any kind arises before, during, or after conduct of the Entrance Test, the decision of the Controller of Examinations, Panjab University, in all such cases, shall be final.
- 30. Notwithstanding anything contained in this prospectus, the eligibility conditions for enrolment to Ph.D. shall be governed by the respective rules/regulations as enshrined in the P.U. Calendar, Volumes I, II and III (latest editions) and decisions of the University Senate /Syndicate. In case of any conflict or inconsistency between the prospectus on the one hand and the aforesaid Panjab University Rules and Regulations /Guidelines/ Hand-Book of Information / Decisions of Senate/Syndicate, on the other, the latter shall prevail.
- 31. For urgent enquiries, Assistant Registrar (CET) may be contacted at 0172-2534829 only during the working hours.