



JAI PRAKASH UNIVERSITY CHAPRA (SARAN) - BIHAR

Ph.D. Admission Test (PAT) – 2022

(As per Regulation approved by the Governor's Secretariat, Bihar

Vide Memo No. BSU-05/2010/2684/GS (I) dated 21.09.2017

&

Letter No. BSU (Regulation)-05/2010/3230/GS(I) dated 18.12.2018)

Online Application is invited for Ph.D. Admission Test (PAT)-2022.

The desirous eligible Indian Citizens having Master's degree with at least 55% marks in aggregate or its equivalent grade in the UGC-7 Point scale or an equivalent grade as applicable in a point scale wherever grading system is followed, and a relaxation of 5% of marks from 55% to 50%, or an equivalent relaxation of grade will be allowed for those belonging to SC / ST / EBC / BC / EWS / Differently-abled categories may apply for the Ph.D. Admission Test (PAT)-2022.

Application form for PAT-2022 Examination will be floated online on the University website - jpvadmission.org and the candidates will fill up the forms from 17.01.2023 to 30.01.2023 till 11.59 PM.

The applicants need to submit the application forms along with the self-attested xerox copies of the requisite documents. The hard copy of online submitted application form with all requisite documents must be submitted by hand or through registered post latest by 04.02.2023 till 4.00.PM in the office of Ph.D. section of J.P. University, Chapra, Bihar.

[The Syllabus of PAT-22 is uploaded on the above website.](#)

[\(Online Application form for PAT-22 may be filled up by clicking on the Link of the University website - jpvadmission.org\)](#)

Subjects in which Test will be conducted

| Serial No | FACULTIES | SUBJECTS |
|------------------|------------------|--|
| 01 | COMMERCE | Commerce |
| 02 | HUMANITIES | Hindi, English, Sanskrit, Urdu, and Philosophy |
| 03 | SCIENCE | Physics, Chemistry, Zoology, Botany, and Mathematics |
| 04 | SOCIAL SCIENCE | History, Political Science, Home Science, Economics, Psychology, and Geography |

N.B: The Subject wise Vacancy and Date of Admission Test will be announced later on.

Guidelines For The Candidates

Eligibility for Ph.D. Admission Test (PAT)-2022

- Candidates for admission to the Ph.D. programme shall have a Master's degree 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).
- A relaxation of 5% of marks, *i.e.*, from 55% to 50%, or an equivalent relaxation of grade, will be allowed for those belonging to SC / ST / EBC / BC / EWS / Differently-abled categories of candidates.
- A candidate shall ordinarily be permitted to pursue research for the Ph.D. degree in the subject in which he / she holds a Master's degree.

Those candidates who have appeared at P.G. Semester-III Examinations in Jai Prakash University, Chapra, Bihar may also apply for PAT-22.

Exemptions from the Written Test of Ph.D. Admission Test (PAT)-2022

- (1) Candidates who have secured grants for research such as Fellowship / Scholarship / Associateship / etc. by qualifying UGC / NET / GATE / CSIR / MHRD Scholarship / Teacher Fellowship / DBT / ICMR / ICAR / DST-INSPIRE / CSIR, ICHR etc.
- (2) Assistant Professors, Associate Professors and Professors who have been appointed on substantive post in the UGC pay scale in the teaching departments of the University or Constituent college of the University who have completed their probation successfully with an experience of at least two years of uninterrupted service would be considered under this category. Teachers appointed in self-finance courses will not be exempted from the test.
- (3) Non-teaching employees of the University who are holding substantive appointment for more than five years having at least 55% marks in Master's degree in the subject concerned and with at least two research papers published in any reputed **Refereed Journal or Journals identified by the UGC** would be considered under this category.`
- (4) Those applicants who qualified in PAT-21 but could not get admitted will have to apply in PAT-22. However, they will be exempted from PAT-22 written test, but will have to appear in interview.

How to Apply

The applicants need to submit the application forms only through **online mode** along with the self-attested xerox copies of the requisite documents, Test Fee and Coloured self-attested photographs and Thumb impression (right in case of female and left in case of male) on the **University website - jpvadmission.org** from **17.01.2023 to 30.01.2023 till 11.59 PM**. No application will be accepted after the due date. Incomplete application will be rejected.

The hard copy of online submitted applications with all requisite documents must be submitted by hand or through registered post latest by 04.02.2023 till 4.00.PM in the office of Ph.D. Section of J.P. University, Chapra.

Note: The candidates exempted from PAT-2022 are also required to apply with requisite Fee as per category.

Test Fee

| <i>Serial No.</i> | <i>Category</i> | <i>Amount</i> |
|-------------------|---|---------------|
| 1. | General / BC / EBC / EWS | Rs. 2500/*- |
| 2. | SC / ST / Women (All categories) / Differently abled categories | Rs. 1500/*- |

Mode of Payment

Payment will be made through online gateway process.

Procedure for Ph.D. Admission Test (PAT)-2022

Written Test

Written test will be comprised of two papers of 100 marks each.

Paper - I: 100 marks - Objective / Multiple Choice Questions on General and Research aptitude.

Paper - II: 100 marks - Subjective type in the subject concerned based on Semester System syllabus (excluding elective papers) of the Post-Graduate courses of J.P.University, Chapra, Bihar.

The minimum qualifying marks for written test will be as follows:

For General candidates: 50% Aggregate marks

For Reserved category candidates: 45% Aggregate marks

Merit List

The subject wise merit list will be prepared on a scale of 100 including marks in Master Degree; weightage on PAT / NET / BET / SLET / JRF and Interview as mentioned in the following table *i.e.*, Maximum weightage on marks obtained in Master's Degree Programme as 70, plus maximum weighting on PAT / NET / BET / SLET / JRF as 10, plus Interview of 20 marks.

Candidates will be selected following the prescribed Reservation rules of Bihar Government.

TABLE

Model of Weightage marks to be awarded against percentage aggregate marks for Master Degree Examination in mentioned below:

| Percentage marks in Master Degree | Weightage |
|--|------------|
| 50% to < 55% | 40 |
| 55% to < 60% | 45 |
| 60% to < 65% | 50 |
| 65% to < 70% | 55 |
| 70% to < 75% | 60 |
| 75% to < 80% | 65 |
| 80% and above | 70 |
| Eligibility without Fellowship (PAT / NET / BET / SLET) | 05 |
| Eligibility with Fellowship (JRF) | 10 |
| Interview | 20 |
| Total | 100 |

**** 10 Marks will be given to the Teachers and Non-Teaching employees (having more than three years' experience) as given to JRF**

Instructions to the Candidates

Paper I – Multiple choice questions (MCQ).

No. of Questions – 50

Full Marks: 2 x 50 = 100 Marks

Duration of examination: 1 hour

There will be no negative marking.

Students are not allowed to take out the questions booklets of Paper I.

Paper II – Essay Type / Subjective.

Full Marks: 100 Marks

Duration of Examination: 2 Hours.

Test will be based on the syllabus of Semester System (excluding elective papers) of the Post-Graduate Courses of Jai Prakash University, Chapra, Bihar.

The paper will be divided into three Groups:

| Serial No. | Groups | Distribution of Marks | Description |
|------------|--------|-----------------------|---|
| 01 | A | 5 x 6 = 30 | Total Eight short answer type questions to be set out of which five are to be answered. (Expected length of each answer - 150 words approximately). |
| 02 | B | 4 x 10 = 40 | Total Seven questions to be set of which four are to be answered (Expected length of each answer - 200 words approximately). |
| 03 | C | 2 x 15 = 30 | Total Four questions to be set of which two are to be answered (Expected length of each answer – 500 words approximately). |

N.B: The candidates are directed to answer questions in sequential order.

The subject wise vacancy and Other Schedules related to exam will be announced later on.

Availability of Admission Card

PAT-2022 admit card will be uploaded on university website. The copy of the admit card must be attested by the Head of the Departments / Principal of colleges last attended or by a gazette officer. It is necessary for the candidates to attest photographs, signature as well as put thumb impression in the admit card to appear at the examination.

General Information to the Candidates

Shield Coding Answer book will be provided to the candidates in the examination hall 15 minutes before the start time of the examination and they will have not unshield the answer book until and unless start signal has been given by the invigilator. If candidates unshielded the answer book prior to start of the examination they may be expelled from the Test Examination.

The successful result of Ph.D. Admission Test (PAT)-22 will be valid for **three years** from the date of declaration / publication of the result. The PAT will be under the preview of the Rule of RTI Act, 2005.

Test Centre

Test will be held at Chapra centers and it will be communicated / announced properly in time.

Syllabus of PAT-2022

Paper - I Test

Paper-I of PAT will be as follows:

General and Research Aptitude Test.

All questions with multiple choices, each correct answer carries 2 Marks. There will be Full Marks: 100, Total number of Questions: 50 and no negative marking.

Duration of Exam will be of 1 Hour.

There will be 7 (I-VII) Parts in the paper. The distribution of marks and number of questions are given in the table below:

| Topic | No. of Questions | Marks | Syllabus Level |
|--|------------------|-------|-------------------|
| I. Research Aptitude | 10 | 20 | Mentioned below |
| II. Language Aptitude | 10 | 20 | High School Level |
| III. Logical Reasoning | 05 | 10 | High School Level |
| IV. Numerical Ability | 05 | 10 | High School Level |
| V. Data Interpretation | 05 | 05 | Mentioned below |
| VI. Environment and Sustainability | 10 | 20 | Mentioned below |
| VII. Computer and Information & Communication Technology (ICT) Awareness | 05 | 10 | Mentioned below |

- I. Research Aptitude:** Meaning, aims, nature and scope of research Prerequisites of Research Types of research: Fundamental or Pure research, Applied research, Research Problem: Meaning of research problem, Sources of research problem, Characteristics of a good research problem Methods of research proposal or synopsis Ethics in Research.
- II. Language Aptitude: High School Level**
- III. Logical Reasoning: High School Level**
- IV. Numerical Ability: High School Level**

**v. Data Interpretation: Qualitative and Quantitative Data Mapping of data:
Representation and Interpretation of graphs**

vi. Environment and Sustainability:

Sources of Air, Water and Soil Pollutions and their Mitigation, Noise Pollution, Global Warming, Ozone Depletion and Acid Rain, Current Environmental issues and Movements in India: Chipko movement, Silent valley, Narmada dam, Tehri Dam, Almetti dam etc. Global Environmental Movements: Biodiversity Conservation and Agenda 21, Paris Convention, Montreal Protocol etc.

vii. Computer and Information & Communication Technology (ICT):

Awareness General Abbreviations and Terminology of Computers and ICT Meaning, Advantages, Uses and Risks of Digitalization Basics of Internets.

Paper II Test

Paper - II of PAT will be as follows:

Test will be based on the Semester System Syllabus (excluding elective papers) of the Post-Graduate Courses of Jai Prakash University, Charpa, Bihar.

PAT-2022 Results

PAT-2022 Result will be published on the University official website. The result should be checked by the candidate from the personal login account. It is expected that result will be uploaded within a month after completion of exam. The result will be published in terms of overall Merit-Rank and Category Rank obtained by the candidate.


