(Estd. 1917)

पटना विश्वविद्यालय, पटना

PATNA UNIVERSITY, PATNA

Ph.D. Admission Test (PAT) – 2025

<u>NOTICE</u>

Online applications are invited from 10.05.2025 to 31.05.2025 for Ph.D. Admission Test (PAT) – 2025 scheduled to be held in the month of June 2025 from the candidates having 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, from 55% to 50%, or an equivalent relaxation of grade, will be allowed for those belonging to SC/ST/EBC/OBC/Differently-abled categories of candidates. The fee structure of the test will be as follows:-

1. For SC/ST categories: - Rs. 700/- and
2. For all other categories - Rs. 1,000/-

The PAT will be conducted only in such subjects where the vacancy for the admission in Ph.D. Programme is available.

For further details Please visit www.pup.ac.in.

By order of the Vice Chancellor,

Sd./-

Controller of Examinations

Patna University.

Memo No. Exam./- 6229

Dated 08·05·2025

Copy forwarded to 1. All the Deans of the Faculties, Patna University 2. All the Heads of the University Departments, Patna University 3. All the Principals of the Colleges, Patna University 4. All the Directors of the Institutes, Patna University 5. All the Officers of Patna University 6. All the Section Officers of Patna University 7. The Secretary of the Vice-Chancellor, Patna University 8. Personal Assistant to the Pro-Vice-Chancellor, Patna University (9) M/s. Madhuraj Marketing & Technologies Pvt. Ltd., Opp.: C.D.A. Building, Rajendra Path, Patna – 800 001 (10) I.T. Cell, Patna University, Patna for information and necessary action.

Sd./-

Controller of Examinations

Patna University.

Memo No. Exam./- 6230

Dated 08·05·2025

Copy forwarded to the Advertisement Manager (i) The Hindustan Hindi (ii) Times of India, Patna for information.

08·05·25

Controller of Examinations

Patna University.

8/5/25

Ph.D. Admission Test – 2025 in Patna University (as per Regulations approved by the Governor's Secretariat, Bihar vide memo no. BSU-05/2010/2684/GS (I) dated 21.09.2017.

Online applications are invited from **10.05.2025 to 31.05.2025 for Ph.D. Admission Test (PAT) – 2025** scheduled to be held in the month of **June 2025** from the candidates having 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, from 55% to 50%, or an equivalent relaxation of grade, will be allowed for those belonging to SC/ST/EBC/BC/Differently-abled categories or candidates.

(1) Test will be conducted in following subjects:

Faculty of Humanities - Hindi, English, Sanskrit, Maithili, Urdu, Arabic, Persian, Philosophy, Music
Faculty of Social Sciences- History, Pol. Science, Home Science, A.I.H. & Archaeology, Sociology, Economics, Psychology, P.M. & IR, Geography
Faculty of Science - Physics, Chemistry, Zoology, Botany, Geology, Mathematics, Statistics
Faculty of Commerce - Commerce
Faculty of Law – Law
Faculty of Education – Education

Guidelines for the candidates:

2. Eligibility for Ph.D. Admission Test (PAT) - 2025

(i) 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).

(ii) 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/OBC/Differently-abled categories of candidates.

(iii) A candidate shall ordinarily be permitted to pursue research for the Ph.D. degree in the subject in which he/she holds Master's degree.

Exemptions from the written Test of Ph.D. Admission Test (PAT) - 2025:

(1) Candidates who have secured grants for research such as fellowship /scholarship /associateship etc. by qualifying UGC /NET /CSIR – NET / GATE / MHRD Scholarships/Teacher Fellowship/DBT/ICMR/ICAR/DST-INSPIRE/CSSIR, ICHR etc.
(2) Assistant Professors, Associate Professor and Professor who has been appointed on substantive post in the UGC pay scale in the Teaching departments or the University or a 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 employee of the University, who are holding substantive appointment for more than five years and 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 identitied by the UGC would be considered under this category.

(3) Procedure for Ph.D. Admission Test (PAT) - 2025

1. The PAT is a written test comprising 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 syllabus (excluding elective papers) of the Post-Graduate courses of the Patna University.

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

For General candidates	– 50% aggregate marks
For Reserved category candidates	– 45% aggregate marks

The applicants who have qualified the PAT would be required to appear before an interview board.

Interview   - 20 marks.

It is mandatory for all including exempted candidates to appear before the interview Board.

Paper I – Multiple Choice type

> No. of Question – 50
>
> Duration of examination – 1 hour.
>
> No negative marking.

Examination will be conducted on OMR sheet.

Students are **not allowed** to take out the question booklet of Paper I.

Paper II – Subjective.

Duration of Examination - 2 Hours.

Based on the syllabus (excluding elective papers) of the Post-Graduate Course of Patna University.

> The paper is divided into three groups.
>
> Marks Distribution -   Group A – 30 marks – 5x6 = 30
>
> Group B – 40 marks – 4x10 = 40
>
> Group C – 30 marks – 2x15 = 30

Group A – 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).

Group B – Total seven questions to be set of which four are to be answered (expected length of each answer – 200 words approximately).

Group C – Total Four questions to be set of which two are to be answered (expected length of each answer 500 words approximately).

The candidates are directed to answer questions in sequential order.

(4) Date of Entrance Test – ....

> **Time of written Examination**
>
> Paper I (objective) – .... (1 hour)
>
> Paper II (subjective) – .... (2 hours)

5. **The result of PAT** will be valid for three years after declaration of result.

6. **Scrutiny of answer book** shall not be allowed.

7. **The PAT - 2025 will be under the preview of the Rule of RTI Act, 2005.**

Syllabus of Paper I

Ph.D. Admission Test (PAT) of Patna University consists of two papers:

A. Paper – I : General and Research Aptitude Test.

B. Paper – II : Subject Specific Test. Subjective type in the subject concerned based on syllabus (excluding elective papers) of the Post-Graduate courses of the Patna University.

Paper – I : General Aptitude and Research Aptitude Test

All questions with multiple choices, each correct answer carries 2 marks.

Total Marks : 100

Total Questions : 50

No negative marking system.

Duration of Entrance Exam: 1 Hour

The paper consists of 4 Parts. The distribution of marks and number of questions are mentioned in the table below:-

Topic	No. of questions	Marks	Syllabus/Level
2. 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	10	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

Research proposal or synopsis

Ethics in Research

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.

Sd/-

Controller of Examinations
Patna University, Patna

Memo No. 6233/Exam.   Dated – 08.05.2025

Copy forwarded to the In charge, I.T. Cell, Patna University Computer Centre for uploading the guidelines.

08.05.2025

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