

**NOTIFICATION**  
**PhD Research Aptitude Test (RAT) 2021**

**Memo No:** OG/WBUHS/2021-2022/223

**Date:** 15/12/2021

This is for information to all concerned that WBUHS will conduct PHD RESEARCH APTITUDE TEST 2021 with notification of syllabus, qualifying criteria along with date, time & venue of Examination (tentatively by 2nd week of February, 2022).

Test Centre, Date and Time will be mentioned in Admit Card.

**IMPORTANT NOTES**

**I) Instruction for applicants:**

\*Candidates can apply only in the Subjects offered by the University at postgraduate level while choosing the topic of research for registration for PhD and go in for specialization at a later stage.

\*While applying for admission, the candidates should carefully select the subject most suitable according to their eligibility/qualifying PG Degree/ broad area & chosen field of research.

\*Shortlisted candidates will have to appear for an admission test, which will comprise of a written exam and/or interview.

\*Candidates with National level fellowships like CSIR NET-JRF, DBT-JRF, UGC NET-JRF, DST Inspire Fellowship, M-Phil are exempted from taking the above test.

\*Based on the test results, there may be short listing of candidates for Interview.

\*All notices/shortlists will be put on University website. Candidates are advised to check this website regularly. No written communication will be sent to candidates.

\*Entrance test shall be conducted at the Centre(s) on the dates to be notified and changes of centers/dates, if any, shall also be notified.

**II) Scheme of the Test & Qualifying marks:**

The test comprises of two parts–

**Test- I**

It will be of one-hour duration and will carry a **Maximum of 60 marks.**

**\*Pass requirement is minimum 50% marks for General Category and 45% each for SC/ST/OBC (Non-Creamy layers)/Differently-able students.**

**EXEMPTION FROM TEST -I:**

Candidates for PhD program shall be granted registration through an Entrance test conducted by the University.

The following categories are exempted from appearing in Research Aptitude Test (RAT-2021) conducted by the University:

**1)** Those students who qualify UGC-NET/JRF, UGC-CSIR-NET/JRF, SLET, M-Phil and Research Fellowships of Central or State Government Departments/Agencies as approved by the regulatory bodies, as the case may be.

2) Candidates with DST-INSPIRE fellowship.

3) Candidates with DBT/JRF.

4) Candidates with M-Phil

Test-I will be of one-hour duration and will carry a Maximum of 60 marks.

For EACH correct answer : ONE mark will be awarded.

For EACH incorrect answer : HALF mark will be deducted (as negative marking)

- No mark will be deducted for questions that are not answered.
- Questions with multiple responses will be regarded as WRONG answer.

\*\* Pass requirement is minimum 50% for General Category and 45% marks each for SC/ST/OBC(Non-Creamy layers)/Differently able students.

The question paper will constitute MCQ's OMR type. It will be divided in two groups, Group – A and Group – B.

Group - A : MCQ's on Research Methodology - 40 Marks

Syllabus for Research Aptitude Test MCQ's on Research Methodology :

- i. Formulation of Research Question.
- ii. Structure of objectives.
- iii. Types and epidemiological designs of research.
- iv. Presentation of data.
- v. Basics of necessities in "Discussion".
- vi. Inferential statistics including relevant tests of significance
- vii. Sampling, biases and errors in study.
- viii. Informed consent and ethical issues in research.
- ix. Literature search and referencing.
- x. Publication methods.

Group – B : Domain specific MCQ – 20 Marks

(Domain viz : Medicine, Dental, Homoeopathy, Ayurveda, Nursing and Allied & Paramedical Education)

Syllabus for Research Aptitude Test MCQ's on Specific Domain :

- Standard of MCQ's for Group B questions will be that of the respective under graduate syllabus of the domain the candidate has applied for.

### **Test- II**

#### **Interview/ Viva-Voce comprising of 40 marks.**

\*Only candidates who qualified in Research Aptitude Test and candidates of Exempted category will be called for Interview / Viva-Voce.

**\* Provided that for selection of candidates exempted from entrance test, pass requirement in Test- II Interview / Viva-Voce is minimum 50% marks for General Category and 45% each for SC/ST/OBC (Non-Creamy layers)/Differently-able students will be applicable as stipulated above.**

Interview/Viva-Voce based on Subject of Research with relevance to the candidate.

Test-II will comprise of the following components:

- 1. Research Proposal:** 30 marks
- 2. Interview:** 10 marks

The Interview shall consider following aspects:

- a.** Candidate possesses competence for research work.  
(Research skill i.e. proof of research publication /research presentation).
- b.** Research can be suitably conducted at proposed institution college under proposed Guide.
- c.** Proposed research work can contribute to new / additional knowledge.

### **III) Application Procedure:**

Mode of Application:

Online application can be done through the University website from 20.12.2021 to 19.01.2022 (tentative dates).

The process of online Application shall commence on 20th December 2021 onwards and will continue till 19th January 2022, 05.00 PM.

Instruction for online application is available on the website.

Open the link of **Application/Login for PhD Entrance Test 2021**.

Fill the online application form available on the website very carefully.

Upload the scanned copy of recent photograph and signature.

Pay the Application fees through net-banking / e+-Challan / Credit Card / Debit Card as per rule of Bank.

Candidate can download the Application Form after the successful submission of fee.

Take Printout of the Application form, put signatures at the bottom of the form and attach the following:

**\*Copy of valid award letter if any pertaining to NET-JRF of CSIR/DBT/UGC/ICMR, DST Inspire etc. should be uploaded for seeking exemption.**

Final consideration of the candidature is subject to fulfillment of the eligibility criteria & all relevant documents proving qualification to be verified at the time of verification. Incomplete applications will be summarily rejected.

#### **IMPORTANT NOTES**

1. Admission in the test is purely provisional, based on pretest verification of documents done by the university.
2. If it is found later on that candidate do not fulfil any of the conditions of eligibility, the candidature will be canceled at any stage, and no appeal against such cancellation will be entertained.
3. It should be noted that, if candidates have obtained Exemption / Waiver from written entrance test (Research Aptitude Test 2021) on the basis of any false or invalid document, the candidature will be treated as cancelled at any stage it is detected.
4. Candidature will be summarily rejected if candidate remains absent on dates notified for verification of documents / certificates, without any further notification.
5. Part-time applicants must produce No Objection Certificate (NOC) from concerned employer at the time of document verification, or else his / her candidature will be cancelled.
6. Interview shall be conducted by the university in such a way that the candidates would be required to discuss their research interest/area through a brief presentation.
7. Candidates who **have sought exemption** must upload scanned copy of valid Certificate / Award letter / Score card of National level Eligibility Tests / Competitive Written Tests as applicable. **Dates for Document upload are from 24.01.2022 to 28.01.2022 by 6pm.**

Candidates are advised to visit [www.wbuhs.ac.in](http://www.wbuhs.ac.in) regularly for information regarding online registration, eligibility, admission procedures and other relevant information etc.

**Any subsequent Addendum / Corrigendum / Updates/Information etc. will be uploaded / updated on the website only.**

#### **V) Application Fee**

\*For General/OBC/PH category: Rs. 3000/-

\*For Candidates belonging to SC/ST category: Rs.3000/-

Based on the performance in the Entrance test, list of candidates to be called for interview will be displayed on the website.

No TA/DA will be paid for attending Entrance test and interview.

Sd/-  
Registrar, WBUHS