

TA-UGC JRF/NET/KSET

Paper 1: Teaching and Research Aptitude

UGC-NTA NET / KSET

Paper -01 : Teaching and Research Aptitude

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Unit-I - Teaching Aptitude

- Teaching: Concept, Objectives, Levels of teaching (Memory, Understanding and Reflective), Characteristics and basic requirements.
- Learner's characteristics: Characteristics of adolescent and adult learners (Academic, Social, Emotional and Cognitive), Individual differences.
- Factors affecting teaching related to: Teacher, Learner, Support material, Instructional facilities, Learning environment and Institution.
- Methods of teaching in Institutions of higher learning: Teacher centred vs. Learner centred methods; Off-line vs. On-line methods (Swayam, Swayamprabha, MOOCs etc.).
- Teaching Support System: Traditional, Modern and ICT based.
- Evaluation Systems: Elements and Types of evaluation, Evaluation in Choice Based Credit System in Higher education, Computer based testing, Innovations in evaluation systems.

Teaching Aptitude

1. Which one of the following is the main objective of teaching?

- A. To give information related to the syllabus.
- B. To develop thinking power of students.
- C. To dictate notes to students.
- D. To prepare students to pass the examination.

Option : B

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Teaching Aptitude

2. Which one of the following is a good method of teaching?

- A. Lecture and Dictation
- B. Seminar and Project
- C. Seminar and Dictation
- D. Dictation and Assignment.

Option : B

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Teaching Aptitude

3. Teacher uses teaching aids for

- A. Making teaching interesting
- B. Making teaching within understanding level of students.
- C. Making students attentive.
- D. The sake of its use.

Option : B

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Teaching Aptitude

4. Effectiveness of teaching depends on

- A. Qualification of teacher.
- B. Personality of teacher.
- C. Handwriting of teacher.
- D. Subject understanding of teacher

Option : D

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Teaching Aptitude

5. Which of the following is not characteristic of a good question paper?

- A. Objectivity
- B. Subjectivity
- C. No use of vague words
- D. Reliable

Option : B

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Unit II- Research Aptitude

- **Research: Meaning, Types, and Characteristics, Positivism and Post- positivistic approach to research.**
- **Methods of Research: Experimental, Descriptive, Historical, Qualitative and Quantitative methods.**
- **Steps of Research.**
- **Thesis and Article writing: Format and styles of referencing.**
- **Application of ICT in research.**
- **Research ethics.**

Research Aptitude

1. A researcher is generally expected to:

- A. Study the existing literature in a field
- B. Generate new principles and theories
- C. Synthesize the ideas given by others
- D. Evaluate the findings of a study.

Option : B

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Research Aptitude

2. One of the essential characteristics of research is:

- A. Replicability
- B. Generalizability
- C. Usability
- D. Objectivity

Option : D

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Research Aptitude

3. The Government of India conducts Census after every 10 years. The method of research used in this process is :

- A. Case study
- B. Developmental
- C. Survey
- D. Experimental

Option : C

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Research Aptitude

4. An academic association assembled at one place to discuss the progress of its work and future plans. Such an assembly is known as a

- A. Conference
- B. Seminar
- C. Workshop
- D. Symposium

Option : A

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Research Aptitude

5. An investigator studied the census data for a given area and prepared a writeup based on them Such a write-up is called:

- A. Research paper
- B. Article
- C. Thesis
- D. Research report

Option : B

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UNIT III- COMPREHENSION

A passage of text be given. Questions be asked from the passage to be answered.

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UNIT IV - COMMUNICATION

- **Communication:** Meaning, types and characteristics of communication.
- **Effective communication:** Verbal and Non-verbal, Inter-Cultural and group communications, Classroom communication.
- **Barriers to effective communication.**
- **Mass-Media and Society.**

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COMMUNICATION

1. Informal communication network within the organization is known as

- A. Interpersonal communication
- B. Intrapersonal Communication
- C. Mass Communication
- D. Grapevine Communication

Option : D

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COMMUNICATION

2. TV Channel launched for covering only Engineering and Technology subjects is known as

- A. Gyan Darshan
- B. Vyas
- C. Eklavya
- D. Kisan

Option : C

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COMMUNICATION

3. In which state the maximum number of periodicals are brought out for public information:

- A. Uttar Pradesh
- B. Tamil Nadu
- C. Kerala
- D. Punjab

Option : C

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COMMUNICATION

4. The main objective of public broadcasting system i.e. Prasar Bharti is

- A. Inform, Entertainment & Education
- B. Entertain, Information & Interaction
- C. Educate, Interact & entertain
- D. Entertainment only

Option : A

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COMMUNICATION

5. The competency of an effective communicator can be judged on the basis of:

- A. Personality of communicator
- B. Experience in the field
- C. Interactivity with target audience
- D. Meeting the needs of target audience.

Option : D

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