

THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA, VADODARA

Ph. D. ENTRANCE TEST (PET) 2025

Signature of Invigilator

Roll.  
No.

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**Paper - II**  
**Education**

Maximum Marks: 50

No. Of Printed Pages: 8

**Instruction for the Candidate:**

1. This paper consists of **FIFTY (50)** multiple choice type questions. Each Question carries **ONE (1)** mark.
2. There is no Negative Marking for Wrong Answer.
3. A separate OMR Answer Sheet has been provided to answer questions. Your answers will be evaluated based on your response in the OMR Sheet only. No credit will be given for any answering made in question booklet.
4. Defective question booklet or OMR if noticed may immediately replace by the concerned invigilator.
5. Write roll number, subject code, booklet type, category and other information correctly in the OMR Sheet else your OMR Sheet will not be evaluated by machine.
6. Select most appropriate answer to the question and darken appropriate oval on the OMR answer sheet, with black / blue ball pen only. **DO NOT USE PENCIL** for darkening. In case of over writing on any answer, the same will be treated as invalid. Each question has exactly one correct answer and has four alternative responses (A), (B), (C) and (D). You have to darken the circle as indicated below on the correct response against each item.  
**Example:** (A) (B) (C) (D) where (B) is correct response.
7. Rough Work is to be done in the end of this booklet.
8. If you write your Name, Roll Number, Phone Number or put any mark on any part of the OMR Answer Sheet, except for the space allotted for the relevant entries, which may disclose your identity, or use abusive language or employ any other unfair means, such as change of response by scratching or using white fluid, you will render yourself liable to disqualification.
9. Calculators, Log tables any other calculating devices, mobiles, slide rule, text manuals etc are **NOT** allowed in the examination hall. If any of above is seized from the candidates during examination time; he/ she will be immediately debarred from the examination and corresponding disciplinary action will be initiated by the Center Supervisor as deemed fit.
10. **DO NOT FOLD** or **TEAR** OMR Answer sheet as machine will not be able to recognize torn or folded OMR Answer sheet.
11. **You have to return the OMR Answer Sheet to the invigilator at the end of the examination compulsorily** and must not carry it with you outside the Examination Hall. You are however, allowed to carry original question booklet on conclusion of examination.



## Paper - II

### Education

**Note:** This paper contains **FIFTY (50)** multiple-choice questions. Each Question carries **ONE (1)** mark.

- 01) The aim of both Education and Philosophy is to acquire,  
A) Information  
B) Wisdom  
C) Knowledge  
D) Data
- 02) As per the philosophy of Shri Aurobindo, teacher is,  
A) An instructor  
B) A facilitator  
C) A task master  
D) An Imposer
- 03) Gandhiji's Basic Education scheme is based on the concept of integrating subjects with  
A) Craft  
B) Discipline  
C) Rules  
D) Content
- 04) The Idealists strongly believe in the education of..  
A) Experiences  
B) Materialism  
C) Mind  
D) Physical Environment
- 05) Which of the following is not true for symbolic Interactionism?  
A) Individuals act based on the meanings they attach to things.  
B) Meanings are not fixed but are negotiated.  
C) Individuals constantly interpret the meanings of symbols based on their personal believes.  
D) Social structure is continuously created and recreated through interaction.
- 06) Which of the following document is called as Justice Verma Committee Report (2012) ?  
A) Vision of Teacher Education in India: Quality and Regulatory Perspective  
B) Education and National Development  
C) Commission for Teacher Education  
D) Quality and Regulatory Perspective in Teacher Discipline
- 07) Women Education in India suffered greatly during  
A) The Modern Period  
B) The Vedic Period  
C) The Muslim Period  
D) The Buddhist Period
- 08) An important principle governing social stratification in India is  
A) Sub-caste  
B) Caste  
C) Status  
D) Faith
- 09) Politics has entered Education in India through  
A) Text books  
B) Teachers Union  
C) Students Union  
D) All the above
- 10) According to Right to Education(RTE), a school should provide  
A) Admission to twenty-five percent of the class strength to weaker section  
B) Admission to ten percent of the class strength to weaker section  
C) Admission to five percent of the class strength to weaker section  
D) Admission to one percent of the class strength to weaker section
- 11) According to Piaget, children learn best through:  
A) Direct instruction  
B) Memorization  
C) Active engagement and manipulation  
D) Rote methods
- 12) A teacher wants to introduce algebra to students who are 11 years old. According to Piaget, what teaching strategy is most appropriate?  
A) Use physical objects and sensory play  
B) Focus on repetition and drills  
C) Encourage abstract and hypothetical problem-solving  
D) Use direct lecture methods without interaction

- 13) A teacher provides temporary support while students learn a new concept, and gradually reduces help as students become independent. According to Lev Vygotsky's this approach illustrates:
- Egocentrism
  - Scaffolding
  - Metacognition
  - Fixed mindset
- 14) In Person-Centred Counselling, change occurs primarily through:
- Therapist's interpretation
  - Unconditional positive regard
  - Behavioral conditioning
  - Cognitive restructuring
- 15) A student is very good at identifying patterns in new problems and suggesting innovative solutions. According to Sternberg, this student is high in:
- Practical intelligence
  - Creative intelligence
  - Analytical intelligence
  - Emotional intelligence
- 16) Which characteristic most accurately distinguishes pre-service teacher education from in-service education based on the structural purpose?
- Pre-service programs assess post-retirement development of teachers.
  - In-service training focuses solely on theoretical content.
  - Pre-service education prepares candidates without teaching experience.
  - In-service programs are conducted before candidates enter the profession.
- 17) Which sequence of transactional approaches is most pedagogically sound for delivering foundation courses in teacher education, in accordance with the vision outlined by NCTE?
- Rely exclusively on collaborative learning to minimize authoritative instruction.
  - Introduce concepts through expository teaching, deepen engagement through collaboration, and solidify understanding via experiential learning.
  - Initiate with experiential learning to spark curiosity, then shift to expository for conceptual clarity.
  - Apply collaborative techniques while intentionally bypassing structured content delivery.
- 18) A teacher uses video recordings of his lessons to identify patterns in student engagement and adapts his teaching accordingly. Which reflective strategy and model of teacher education does this most align with?
- Behaviouristic model and reflective journaling
  - Inquiry-oriented model and action research
  - Competency-based model and student feedback
  - Inquiry-oriented model and video analysis
- 19) Which combination best reflects a well-planned in-service teacher education programme?
- Clear purpose, optimal duration, resource mapping, and budget alignment
  - Extended duration, generalized objectives, high resource consumption, rigid structure
  - Open-ended structure, minimal time, peer-led, high expenditure
  - National-level funding, centralized planning, subject-focused, short duration
- 20) A teacher wants to develop pedagogical content for upper primary students aligned with national guidelines. Which institution should she refer to for curriculum frameworks and teaching-learning material?
- NCTE
  - UGC
  - NCERT
  - RMSA
- 21) Which one of the following should be the most important criteria for developing curriculum for elementary education?
- Child centered
  - Society centered
  - Developmental centered
  - Subject centered
- 22) What should be the right arrangement of the following steps for developing a unit of curriculum?
- Formulation of specific objectives
  - Evaluation
  - Organizing content
  - Selecting learning experiences
- i,ii,iii,iv
  - i,iii,iv,ii
  - ii,i,iii,iv
  - iii,i,ii,iv

- 23) Which one of the following is not the direct purpose of school curriculum?  
 A) Development of Discipline among students  
 B) Mental development  
 C) National development  
 D) Physical development
- 24) Tyler's model of curriculum evaluation is based on ...  
 A) Objective centered model  
 B) Individual Needs and interest model  
 C) Outcome Based model  
 D) Intervention model
- 25) Goal free Evaluation model of curriculum was propagated by ..  
 A) Cronbach  
 B) Scriven  
 C) Mukhopadhaya  
 D) Saran
- 26) Which one of the following is most applicable to the process of research.  
 A) It is inductive reasoning.  
 B) It is deductive reasoning.  
 C) It is inductive-deductive reasoning.  
 D) It is deductive-inductive reasoning.
- 27) Which one of the following is not applicable to Null Hypothesis.  
 A) It is also known as statistical hypothesis.  
 B) It helps to make the researcher unbiased.  
 C) It is desired when literature review provides a specific direction to the research.  
 D) It is the tentative hypothesis to be tested.
- 28) Which one of the following statement is not true.  
 A) A test is said to be valid if it measures what it claims to measure.  
 B) A valid test is supposed to be reliable.  
 C) A reliable test is supposed to be valid  
 D) Increasing the length of the test will increase both reliability and validity.
- 29) Which correlation is preferred, If both the variables are in ordinal scale?  
 A) Rank difference correlation  
 B) Partial Correlation  
 C) Product movement correlation  
 D) Biserial correlation
- 30) Which one of the following statement is not applicable for sampling.  
 A) Sample should be the representative of the population.  
 B) Sampling procedure determines the statistical techniques to be used.  
 C) Data related to sample is known as Parameters.  
 D) 20 percent of the population is a good sample size.
- 31) Which of the following best reflects a teacher's application of pedagogical analysis in a constructivist classroom?  
 A) Delivering content aligned strictly with the textbook structure  
 B) Segmenting content and aligning each part with learner-centered objectives and active strategies  
 C) Prioritizing rote learning to ensure content retention before analysis  
 D) Developing assessments prior to determining learning goals
- 32) Which of the following situations illustrates the principle of self-directed learning in adult education?  
 A) A learner following fixed modules with pre-determined outcomes  
 B) A learner being guided step-by-step by a mentor in every activity  
 C) A learner studying only under the supervision of a tutor at fixed intervals  
 D) A learner designing their own learning path based on personal goals and periodically evaluating progress
- 33) In aligning instructional goals with expected learner performance, what is crucial to ensure meaningful evaluation?  
 A) Matching teaching strategies with textbook content  
 B) Designing assessments based only on prior knowledge  
 C) Establishing congruence between objectives and outcomes  
 D) Focusing solely on final examination patterns

- 34) Which of the following best explains the use of rubrics in assessing field engagement in teacher education?
- A) They enable multidimensional analysis of performance aligned to learning outcomes
  - B) They replace subjective judgment with numerical grades for quicker evaluations
  - C) They provide uniform feedback formats to ensure standard reporting
  - D) They allow learners to avoid reflection by focusing only on task completion
- 35) A teacher evaluator wants to assess the process criteria of a facilitator's performance in an andragogical setting. Which observation would best reflect a valid process-oriented assessment?
- A) Comparing learners' scores on standardized exit tests.
  - B) Analyzing the facilitator's pre-service training records.
  - C) Recording how the facilitator fosters critical questioning and collaboration.
  - D) Counting how many assignments the facilitator collects on time.
- 36) You are designing instructional material for an Open and Distance Learning (ODL) course. Based on cognitive theory, which instructional strategy is most appropriate?
- A) Allowing students to construct meaning through online peer discussion forums.
  - B) Repeating key concepts multiple times to reinforce retention.
  - C) Rewarding completion of each quiz with a digital badge to encourage compliance.
  - D) Structuring modules to activate prior knowledge and connect with new content.
- 37) An educational planner is tasked with integrating ICT in rural non-formal education. Which approach reflects thoughtful planning?
- A) Broadcasting online lectures using 5G streaming technology.
  - B) Designing mobile-based self-learning modules in regional languages.
  - C) Mandating real-time virtual classrooms for all learners.
  - D) Implementing AR-based simulations for remote teaching labs.
- 38) Which element in the Constructivist Instructional Design model best aligns with collaborative problem-solving in real-world scenarios?
- A) Social Negotiation
  - B) Authentic Context
  - C) Reflection
  - D) Knowledge Construction
- 39) Which combination of Web 2.0 tools would best facilitate reflective, collaborative, and synchronous communication in an online teacher education course?
- A) Blogs, Podcasts, and Email
  - B) Video Conferencing, Wikis, and Online Polls
  - C) Discussion Forums, Blogs, and Chats
  - D) Social Networking Sites, Video Conferencing, and Real-time Messaging
- 40) Which ICT tool is most appropriate for collecting survey data from a large number of respondents across different locations?
- A) Moodle Quiz
  - B) Google Forms
  - C) Turnitin
  - D) Microsoft Teams
- 41) Fredrick Taylor has been associated with the principles of
- A) Classical Management theory
  - B) Scientific Management
  - C) Bureaucracy
  - D) Humanistic theory
- 42) Teachers are leaders because of their
- A) Action
  - B) Vision
  - C) Mind
  - D) Spirit
- 43) Which one of the following is a least concerned pillar of TQM ?
- A) Customer Satisfaction
  - B) Continuous Improvement
  - C) Employee Involvement
  - D) Risk Taking

- 44) Institutional Planning is required for
- A) Effective Implementation of Institutional Programmes & Activities
  - B) Implementation of Teacher Education Programmes
  - C) Implementation of Professional development Activities
  - D) Implementation of Community Activities

- 45) An Important theory of leadership is
- A) Fiedler's Contingency Theory
  - B) Maslow's Hierarchy of Needs Theory
  - C) David McLlelland Theory
  - D) David Ausbel' Theory

- 46) Why early identification of diverse learning needs essential?
- A) To isolate students
  - B) To promote equal marking
  - C) To provide timely and appropriate interventions
  - D) To reduce syllabus

- 47) A student has difficulty in reading fluently despite normal intelligence and vision. This may indicate:
- A) Attention deficit
  - B) Low motivation
  - C) Dyslexia (a type of learning disability)
  - D) Lack of interest

- 48) Gifted learners in inclusive settings often need:
- A) More discipline
  - B) Peer comparison
  - C) Opportunities for higher-order thinking
  - D) Basic review

- 49) A common barrier to inclusive education in classrooms is:
- A) Curriculum flexibility
  - B) Rigid teaching practices
  - C) Teacher collaboration
  - D) Use of technology

- 50) Which of the following best reflects the principle of inclusive education?
- A) Providing separate schools for children with disabilities
  - B) Educating children with and without disabilities in the same classroom
  - C) Focusing only on the academic performance of students
  - D) Teaching children with disabilities at home

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**Rough Work:**