



**NATIONAL INSTITUTE OF TECHNICAL TEACHERS  
TRAINING AND RESEARCH**  
(DEEMED TO BE UNIVERSITY UNDER DISTINCT CATEGORY)  
**CHANDIGARH**

**Ph.D. Entrance Examination - December 2025 Session**

Subject / Branch / Department :	Education & Educational Management
Roll No. :	
Candidate Name :	
Date of Examination :	

**Maximum Marks: 25 (There is no negative marking)**

- Notes:** (a) Only one option to be tick-marked out of the four options given as answer  
(b) The Candidate must put his/her signature with date at the bottom of each page  
(c) For any rough work, please use ONLY back-sides of pages which are left blank

<b>Q1. A high degree of structure in forming groups and defining procedures is essential in case of .....</b>	
(a)	Collaborative learning
(b)	Cooperative learning
(c)	Individual active learning strategies
(d)	Traditional lecture method
<b>Q2. Which skill is MOST essential for an effective educational leader?</b>	
(a)	Financial accounting
(b)	Computer programming
(c)	Mechanical problem-solving
(d)	Interpersonal and communication skills
<b>Q3. The collaborative learning strategy, which recognizes both individual and group effort is ....</b>	
(a)	Think pair share
(b)	Fish bowl method of discussion
(c)	List pros and cons
(d)	Role play



<b>Q4. A principal encouraging teachers to innovate in their teaching and supporting them in the process is practicing:</b>	
(a)	Participative leadership
(b)	Laissez-faire leadership
(c)	Autocratic leadership
(d)	Bureaucratic leadership
<b>Q5. What is the purpose of using simulations and virtual labs in engineering education?</b>	
(a)	To replace hands-on experiments in the laboratory
(b)	To provide a realistic and interactive learning experience
(c)	To reduce the cost of science education materials
(d)	To decrease students' engagement and interest in science
<b>Q6. Which term is used to describe the process of using digital tools to create, collaborate, and share knowledge?</b>	
(a)	Digital citizenship
(b)	Digital literacy
(c)	Digital footprint
(d)	Digital storytelling
<b>Q7. Which of the following is an example of a flipped classroom approach?</b>	
(a)	Students watch instructional videos at home and engage in activities in class
(b)	Students listen to lectures in class and complete assignments at home
(c)	Students work individually on assignments during class time
(d)	Students receive personalized feedback from automated systems
<b>Q8. How can technology support personalized learning?</b>	
(a)	By providing the same instruction to all students
(b)	By replacing teachers with automated systems
(c)	By adapting instruction to meet students' individual needs
(d)	By eliminating the need for formative assessments
<b>Q9. Which is NOT the principle of guidance?</b>	
(a)	Holistic development of individual
(b)	Acceptance of individual needs
(c)	Discontinuous process
(d)	Recognition of individual needs and differences



**Q10. The counselling process is primarily based on the principle of:**

- (a) Suggestion and advice-giving
- (b) Punishment and reinforcement
- (c) Authority and obedience
- (d) Mutual trust and confidentiality

**Q11. ....involves increasing the competency of a job to provide a greater sense of responsibility, accomplishment and achievement.**

- (a) Goal setting
- (b) Job enrichment
- (c) Job enhancement
- (d) Positive reinforcement

**Q12. Which one of the following is NOT a key principle of effective assessment?**

- (a) Aligning assessments with learning objectives
- (b) Using a variety of assessment methods
- (c) Providing timely and constructive feedback
- (d) Maximizing test anxiety to motivate students

**Q13. Which one of the following is not a 'PULL' force of motivation?**

- (a) Availability of training
- (b) Performance level goals
- (c) Rewards OR compensation
- (d) Pressure for high level of output

**Q14. The ..... leadership style is an expression of the leader's trust in the abilities of his/her subordinates.**

- (a) Participative
- (b) Delegative
- (c) Authoritarian
- (d) Charismatic

**Q15. An institute guidance programme should be:**

- (a) For academically weak students only
- (b) Provided only at the secondary level
- (c) Integrated with the total educational process
- (d) Focused only on career placement



**Q16. The purpose of the Academic Bank of Credit (ABC) proposed by NEP, 2020 is....**

- |     |  |
|-----|--|
| (a) | To track physical attendance of students in the class                          |
| (b) | To provide digital storage for academic records and facilitate credit transfer |
| (c) | To assess the quality of research papers                                       |
| (d) | To manage the budget for research projects                                     |

**Q17. The purpose of “PARAKH” as mentioned in NEP, 2020 is .....**

- |     |   |
|-----|---|
| (a) | To assess the students learning outcomes  |
| (b) | To promote vocational education           |
| (c) | To develop national curriculum framework  |
| (d) | To manage the budget for research project |

**Q18. Which of the following is an example of a formative assessment technique?**

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|-----|-------------------------|
| (a) | Final exams             |
| (b) | Standardized tests      |
| (c) | Classroom observations  |
| (d) | End-of-year evaluations |

**Q19. Demonstration method is most effective when:**

- |     |  |
|-----|--|
| (a) | Teaching theoretical subjects            |
| (b) | Large groups are involved                |
| (c) | Students are highly independent          |
| (d) | Teaching practical or skill based topics |

**Q20. What makes pedagogy an art?**

- |     |   |
|-----|---|
| (a) | The display of pedagogy is vibrant                  |
| (b) | It relies on observation and knowledge of students  |
| (c) | It is a personal creative expression of oneself     |
| (d) | It is formed from instruction in an iterative cycle |

**Q21. Which one of the following is a core value in the professional code of ethics for teacher educators?**

- |     |             |
|-----|-------------|
| (a) | Competition |
| (b) | Partiality  |
| (c) | Integrity   |
| (d) | Aggression  |

**Q22. Which one of the following best describes validity in evaluation?**

- (a) The level of difficulty of a test
- (b) The number of questions in a test
- (c) The degree to which a test measures what it claims to measure
- (d) The time allowed to complete a test

**Q23. PowerPoint presentations, interactive whiteboards, and e-learning platforms fall under:**

- (a) Traditional media
- (b) Print media
- (c) Mechanical media
- (d) Digital/ICT-based media

**Q24. Performance appraisal in teacher education is primarily used to.....**

- (a) Punish underperformers
- (b) Determine student rankings
- (c) Enhance teacher effectiveness
- (d) Reduce teaching load

**Q25. The Delphi technique is commonly used for:**

- (a) Voting on decisions
- (b) Individual decision making
- (c) Group decision making
- (d) Analyzing financial data

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**ANSWER KEYS**

1.	b	14.	a
2.	d	15.	c
3.	a	16.	b
4.	a	17.	a
5.	b	18.	c
6.	b	19.	d
7.	a	20.	c
8.	c	21.	c
9.	c	22.	c
10.	d	23.	d
11.	b	24.	c
12	d	25.	c
13.	b		