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	Third Semester B.	Ed. Degree E	xa	minatio	on, Octobe	r 2019	)	
ED					CTICES IN F	PHYSI	CAL	
	(20	15 Admissio	n o	nward	s)			
e : 2	Hours					Max.	Marks	: 50
		PART –	A					
		by selecting t	the	most	appropriate	one	from	the
Whi	Which of the following is not a strategy used for gifted learners?							
(a)	Acceleration	(b	)	Double	promotion			
(c)	Ability grouping	(d	d)	Compe	nsatory teac	hing		
2. Which among the following is an examination for international selection?					1?			
(a)	GRE	(b	)	KTET				
(c)	GATE	(d	d)	NTSE				
Whi	hich of the following is not related to Achievement test construction?							
(a)	Weightage to content							
(b)	Weightage to form of	questions						
(c)	Weightage to time							
(d)	Weightage to objective	'es						
	Ansoption (a) (b) (c) (c)	Third Semester B.  EDU 13.08 : EMERGING (20  E : 2 Hours  Answer all questions to options given.  Which of the following is not (a) Acceleration  (c) Ability grouping  Which among the following (a) GRE  (c) GATE  Which of the following is not (a) Weightage to content (b) Weightage to time	EDU 13.08 : EMERGING TRENDS A SCIENCE EDU (2015 Admission (201	Third Semester B.Ed. Degree Examination (a) GRE (b) Which of the following is not related to Achied (a) Weightage to form of questions (c) Weightage to time	Third Semester B.Ed. Degree Examination  EDU 13.08 : EMERGING TRENDS AND PRACE SCIENCE EDUCATION  (2015 Admission onwards at 2 Hours  PART – A  Answer all questions by selecting the most options given.  Which of the following is not a strategy used for gifter (a) Acceleration (b) Doubler (c) Ability grouping (d) Competition (a) GRE (b) KTET (c) GATE (d) NTSE  Which of the following is not related to Achievement (a) Weightage to content (b) Weightage to time	Third Semester B.Ed. Degree Examination, Octobe EDU 13.08: EMERGING TRENDS AND PRACTICES IN F SCIENCE EDUCATION  (2015 Admission onwards)  2: 2 Hours  PART – A  Answer all questions by selecting the most appropriate options given.  Which of the following is not a strategy used for gifted learners?  (a) Acceleration (b) Double promotion (c) Ability grouping (d) Compensatory teach of the following is an examination for international set of the following is an examination for international set of the following is not related to Achievement test construction.  (a) GRE (b) KTET (c) GATE (d) NTSE  Which of the following is not related to Achievement test construction.  (a) Weightage to content (b) Weightage to form of questions (c) Weightage to time	Third Semester B.Ed. Degree Examination, October 2019 EDU 13.08: EMERGING TRENDS AND PRACTICES IN PHYSI SCIENCE EDUCATION  (2015 Admission onwards)  E: 2 Hours  Max.  PART – A  Answer all questions by selecting the most appropriate one options given.  Which of the following is not a strategy used for gifted learners?  (a) Acceleration  (b) Double promotion  (c) Ability grouping  (d) Compensatory teaching  Which among the following is an examination for international selection  (a) GRE  (b) KTET  (c) GATE  (d) NTSE  Which of the following is not related to Achievement test construction?  (a) Weightage to content  (b) Weightage to form of questions  (c) Weightage to time	Third Semester B.Ed. Degree Examination, October 2019  EDU 13.08 : EMERGING TRENDS AND PRACTICES IN PHYSICAL SCIENCE EDUCATION  (2015 Admission onwards)  2: 2 Hours Max. Marks  PART – A  Answer all questions by selecting the most appropriate one from options given.  Which of the following is not a strategy used for gifted learners?  (a) Acceleration (b) Double promotion  (c) Ability grouping (d) Compensatory teaching  Which among the following is an examination for international selection?  (a) GRE (b) KTET  (c) GATE (d) NTSE  Which of the following is not related to Achievement test construction?  (a) Weightage to content  (b) Weightage to form of questions  (c) Weightage to time

4.	Among the following which is not a technopedagogic curriculum tran material?							
	(a)	Webinar	(b)	Virtual lab				
	(c)	Video conferencing	(d)	Seminar				
5.	Point out the one which is not true with respect to reflective practices							
	(a) Helps to develop one's own personality							
	(b) Helps to develop professional growth							
	(c) Helps to fill the gap between theory and practice							
	(d)	Helps to assess the learner			(F. 4			
					(5 × 1	= 5 Marks)		
PART – B								
II.	Answer <b>all</b> questions in one word or one phrase.							
6.	Who developed concept mapping approach?							
7.	What does NTSE stands for?							
8.	Give one example for technopedagogic curriculum transaction material.							
9.	Write two process skills in science.							

 $(5 \times 1 = 5 \text{ Marks})$ 

10. Schon and Kolb developed which model of practice.

## PART - C

- III. Answer **all** questions not exceeding in one paragraph. **Each** question carries **2** marks.
- 11. Explain jigsaw technique.
- 12. Explain the types of Rubrics.
- 13. Give a brief account of Digital text.
- 14. Write any two test items for assessing creative thinking skills of students.
- 15. Write a note on Experiential learning approach.

 $(5 \times 2 = 10 \text{ Marks})$ 

## PART – D

- IV. Answer **any four** not exceeding in one and half pages. **Each** question carries **5** marks.
- 16. Explain how we can provide science education for slow learners and gifted learners.
- 17. Develop a rubric for the assessment of performance of a teacher with respect to the criteria "Task related instruction".
- 18. Explain any two learning situations for the development of e-content on "properties of Bases".
- 19. Explain the different steps of Diagnostic test construction.
- 20. How will you practice peer observation as a reflective technique?

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21.	Give a	brief	account	on	•

- (a) Concept mapping
- (b) Circle learning.

 $(4 \times 5 = 20 \text{ Marks})$ 

## PART – E

- V. Answer any one question not exceeding 3 pages.
- 22. Construct an Achievement test for any topic from Physics/Chemistry, with suitable illustrations.
- 23. Describe the steps to develop an e-content on the topic "Surface Tension".

 $(1 \times 10 = 10 \text{ Marks})$ 

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