

Sample Paper for Teacher Licensing Test with Specification

Summary of Test Division					
S#	Type	No of Questions	Marks	Weightage	Time (Mins)
1	Extended Response Question (ERQ) Case Study Analysis	1	100	25	50
2	Constructed Response Question (CRQ)	10	150	50	50
3	Multiple Choice Questions (MCQs)	50	50	25	50

Section 1. Case Study Analysis					100	25
S#	Item/Question	Subject matter	Level	Rubric	Marks	Weightage
1	In a rural school in Pakistan, a Grade 5 teacher, Ms. Zehra, notices that several of her students are consistently underperforming in Math. Most of these students come from socio-economically disadvantaged backgrounds and have limited support at home.	Dynamic Teaching	Analysis & Evaluation	Understanding of the Problem (20 points): Does the candidate demonstrate a comprehensive understanding of the problem, including the contextual factors affecting student performance?	100	25
	Despite her best efforts, Ms. Zehra finds it challenging to engage these students, and she struggles to help them catch up with the rest of the class. She has tried different strategies such as differentiated instruction, peer tutoring, and additional practice exercises, but she has yet to see a significant improvement in their performance.			Solution and Strategies (40 points): Does the candidate propose a feasible and effective solution to the problem? Do they suggest specific teaching strategies that are appropriate for the context and the learning needs of the students?		
	Additionally, Ms. Zehra's class has students with different learning styles and abilities, further complicating her efforts to provide individual attention.			Consideration of Diversity and Equity (20 points): Does the candidate's plan consider the diverse learning styles and abilities in the classroom? Do they propose strategies to promote equity and inclusion, particularly for the disadvantaged students?		
	As an aspiring teacher applying for licensure, how would you advise Ms. Zehra to address this situation effectively? Provide a detailed plan, considering classroom diversity, limited resources, and the social background of the students.			Resource Management (10 points): Does the candidate consider the limitation of resources		

				<p>in their plan? Do they suggest strategies that are feasible in a low-resource setting?</p> <p>Communication and Clarity (10 points): Is the candidate's response well-structured, clear, and coherent? Do they communicate their ideas effectively?</p>		
--	--	--	--	---	--	--

Section 2 Constructed Response Question (CRQ)					150	50
S#	Item/Question	Subject matter	Level	Rubric	Marks	Weightage
1	Elaborate on your approach to handle the diversity of learning abilities in a classroom. Illustrate your response with two distinct strategies that would cater to such variability	Instruction Differentiation	Comprehension and analysis	Assess understanding of differentiated instruction (5 points), practical application through strategies (5 points), and how they support diverse learners (5 points).	15	5
2	Clarify John Dewey's 'learning by doing' principle. How can you operationalize this in a practical teaching situation where resources may be limited?	Active Learning Principle	Comprehension and analysis	Explanation of Dewey's principle (5 points), application to real-world scenario (5 points), resource constraint considerations (5 points)	15	5
3	Imagine you have to impart the concept of photosynthesis to a class of fifth graders. Draft a detailed lesson plan, including objectives, instructional methods, and evaluation techniques	Instructional Planning	Comprehension and analysis	Clear learning objectives (5 points), appropriate teaching strategies (5 points), valid assessment methods (5 points)	15	5
4	Portray a possible scenario involving a difficult classroom situation, like disruptive behavior. Propose a comprehensive solution, aligning with best classroom management practices	Classroom Challenges	Comprehension and analysis	Scenario's realism and relevance (5 points), solution's effectiveness (5 points), and alignment with best practices (5 points).	15	5
5	Reflect on Pakistan's existing education policies and pinpoint one that could be enhanced. Justify your selection and propose necessary modifications to optimally support student learning	Policy Critique and Proposal	Comprehension and analysis	Valid choice of policy (5 points), justification (5 points), proposed modifications' efficacy (5 points).	15	5
6	Delve into the ethical aspects a teacher should consider when handling students' private information. Use a hypothetical case to elucidate your perspective	Educational Ethics	Comprehension and analysis	Understanding of ethical considerations (5 points), hypothetical case's relevance (5 points), and appropriate handling in the case (5 points).	15	5

7	Recognizing the cultural diversity in Pakistani classrooms, discuss the significance of cultural competency for a teacher. Outline at least two techniques you'd employ to foster an inclusive classroom environment	Cultural Inclusion	Comprehension and analysis	Understanding of cultural competency's importance (5 points), techniques for inclusion (5 points), and techniques' effectiveness in promoting inclusion (5 points).	15	5
8	Craft a declaration that encapsulates your philosophy of teaching. Your statement should reflect your perceptions about learners, the teacher's role, the learning process, and education's purpose	Teaching Philosophy Statement	Comprehension and analysis	Understanding of key elements of teaching philosophy (5 points), clear articulation (5 points), alignment with best practices in education (5 points)	15	5
9	Consider the influence of digital tools in the contemporary educational setting. Discuss the advantages and limitations that this presents, specifically within the context of rural Pakistani schools. Suggest at least two instances where you would incorporate technology in your teaching to augment learning outcomes.	Digital Education Implementation	Comprehension and analysis	Understanding of digital technology's impact (5 points), Consideration of specific challenges in rural Pakistani schools (5 points), Concrete examples of technology integration in teaching (5 points)	15	5
10	Outline a thorough plan to involve parents more deeply in their children's educational journey. How can you foster parental involvement in a culturally diverse and economically disadvantaged community? Be sure to identify potential obstacles and suggest ways to tackle them	Parental Involvement Strategy	Comprehension and analysis	Understanding of parental engagement's importance (5 points), Consideration of cultural diversity and economic challenges (5 points), Identification of potential barriers and viable solutions (5 points)	15	5

Section 3: Multiple Choice Questions (MCQs)				50	25
S#	Item/Question	Subject matter	Level	Marks	Weightage
1	How do living organisms obtain energy? a. Photosynthesis b. Cellular respiration c. Both a and b d. None of the above	Content knowledge	Content knowledge	1	0.5
2	What are the building blocks of proteins? a. Nucleotides b. Amino acids c. Monosaccharides d. Fatty acids	Content knowledge	Content knowledge	1	0.5

3	Which of the following numbers is a prime number? a. 21 b. 22 c. 23 d. 24	Content knowledge	Content knowledge	1	0.5
4	What happens to the density of a material when its volume increases and mass remains constant? a. Increases b. Decreases c. Remains the same d. Doubles	Content knowledge	Content knowledge	1	0.5
5	How would you express the number 0.007 in scientific notation? a. 7×10^{-2} b. 7×10^{-3} c. 7×10^{-4} d. 7×10^{-5}	Content knowledge	Content knowledge	1	0.5
6	The moon's gravitation pull is responsible for which Earth phenomenon? a. Earthquakes b. Wind c. Tides d. Seasons	Content knowledge	Content knowledge	1	0.5
7	What is the probability of rolling an odd number on a standard six-sided die? a. $1/2$ b. $1/3$ c. $2/3$ d. $1/6$	Content knowledge	Content knowledge	1	0.5
8	Which substance is a good conductor of electricity? a. Rubber b. Wood c. Copper d. Plastic	Content knowledge	Content knowledge	1	0.5
9	What is the value of $\sqrt{49}$? a. 5 b. 6 c. 7 d. 8	Content knowledge	Content knowledge	1	0.5
10	The process by which plants lose water is called? a. Photosynthesis b. Respiration c. Transpiration	Content knowledge	Content knowledge	1	0.5

	d. Perspiration				
11.	What is the primary purpose of assessment in education? a. To rank students b. To understand students' progress c. To punish students d. None of the above	Comprehension	Assessment	1	0.5
12.	Which teaching style promotes active learning? a. Lecture b. Drill c. Discussion d. Demonstration	Comprehension	Teaching Style	1	0.5
13.	What is a characteristic of the visual learning style? a. Prefers spoken instructions b. Prefers written instructions c. Prefers hands-on instructions d. None of the above	Comprehension	Learning Styles	1	0.5
14.	The process of adapting learning to meet the unique needs of students is called what? a. Differentiated Instruction b. Flipped Classroom c. Inquiry-based Learning d. Problem-based Learning	Comprehension	Curriculum	1	0.5
15.	Which classroom management style focuses on maintaining order and obedience? a. Authoritative b. Democratic c. Laissez-faire d. Autocratic	Comprehension	Classroom Management	1	0.5
16.	Summative assessments are typically given... a. at the beginning of the learning process b. during the learning process c. at the end of the learning process d. none of the above	Comprehension	Classroom Assessment	1	0.5
17.	What is the function of Bloom's taxonomy in education? a. To rank students b. To guide educators in planning and assessment c. To discipline students d. None of the above	Comprehension	Education Policy	1	0.5

18.	How does formative assessment support student learning? a. By ranking students b. By identifying areas of difficulty c. By punishing underperformers d. None of the above	Comprehension	Assessment	1	0.5
19.	What is the major factor that differentiates a lecture from a discussion teaching style? a. Student involvement b. The teacher's involvement c. Use of technology d. The size of the class	Comprehension	Teaching Style	1	0.5
20.	Auditory learners typically benefit from... a. Listening to lectures b. Reading books c. Manipulating objects d. Visual demonstrations	Comprehension	Learning Styles	1	0.5
21.	Analyze the implications of a high-stakes testing policy on student learning outcomes. a. Increases intrinsic motivation b. May encourage narrow focus on tested subjects c. Encourages a variety of teaching methods d. Reduces stress levels	Analytical	Assessment	1	0.5
22.	Considering various teaching styles, how might a predominantly lecture-based approach impact student engagement? a. Increases student participation b. Decreases student participation c. No effect on student participation d. Only affects participation in older students	Analytical	Teaching Style	1	0.5
23.	Analyze the potential disadvantage of teaching a class where multiple learning styles are present. a. Easier classroom management b. Less diversity of thought c. Challenges in meeting each student's needs d. No potential disadvantages	Analytical	Learning Styles	1	0.5
24.	What could be the potential drawback of a rigid curriculum that does not allow for flexibility? a. It facilitates student comprehension b. It does not accommodate individual learning needs c. It discourages teachers from introducing new material d. It discourages students from participating	Analytical	Curriculum	1	0.5

25.	Analyze the effect of an autocratic management style on student behavior. a. Increases student autonomy b. Decreases student autonomy c. Promotes creativity d. No effect on student behavior	Analytical	Classroom Management	1	0.5
26.	How might frequent formative assessments influence the learning process? a. They provide regular feedback to improve learning b. They increase student stress c. They decrease student engagement d. They have no influence on the learning process	Analytical	Classroom Assessment	1	0.5
27.	Analyze the impact of an education policy that emphasizes rote learning over critical thinking. a. Enhances creative thinking skills b. Fosters understanding of complex topics c. May lead to lack of problem-solving skills d. Encourages self-directed learning	Analytical	Education Policy	1	0.5
28.	How can assessment be used as a tool for improving instruction? a. By measuring teacher performance b. By providing insights into areas of instruction that need improvement c. By ranking students d. It cannot be used to improve instruction	Analytical	Assessment	1	0.5
29.	What might be the impact on student learning if a teacher adopts a demonstrative teaching style in a theory-intensive course? a. It may enhance understanding of practical applications b. It may confuse students c. It may make students bored d. It may enhance memorization of theory	Analytical	Teaching Style	1	0.5
30.	Given a student with a kinesthetic learning style, how might a classroom focused primarily on lectures affect their learning experience? a. Enhances understanding b. Reduces understanding c. No effect on understanding d. Encourages more class participation	Analytical	Learning Styles	1	0.5
31.	What could be the impact of high teacher-student ratios in a classroom? a. Improved personalized attention b. Increased classroom discipline c. Diminished personalized attention d. Enhanced group activities	Analytical	Classroom Management	1	0.5

32.	<p>What are the potential consequences of not differentiating instruction for diverse learners?</p> <p>a. Increased student motivation b. Lower student motivation c. Better standardized test scores d. Improved teacher-student relationships</p>	Analytical	Curriculum	1	0.5
33.	<p>How might a teacher's low expectation affect student performance?</p> <p>a. It could lead to a self-fulfilling prophecy b. It has no effect on performance c. It increases the student's motivation to prove the teacher wrong d. It increases overall classroom performance</p>	Analytical	Classroom Assessment	1	0.5
34.	<p>Analyze the potential impact of a policy of "teaching to the test".</p> <p>a. Improves depth of understanding b. May lead to narrow subject knowledge c. Improves creativity d. Encourages independent thinking</p>	Analytical	Education Policy	1	0.5
35.	<p>How might the implementation of a flipped classroom model affect student engagement?</p> <p>a. May increase engagement through active learning b. May decrease engagement due to lack of direction c. Has no effect on student engagement d. Increases the need for homework</p>	Analytical	Teaching Style	1	0.5
36.	<p>What is the potential impact on learning when a student's preferred learning style aligns with the teaching style employed?</p> <p>a. May enhance understanding and retention b. Decreases student interest c. No effect on learning d. Increases teacher workload</p>	Analytical	Learning Styles	1	0.5
37.	<p>How could frequent changes in educational policy affect teaching and learning?</p> <p>a. Increases stability in the curriculum b. Can cause confusion and instability c. Has no effect on teaching and learning d. Improves teacher morale</p>	Analytical	Education Policy	1	0.5
38.	<p>How might teacher burnout impact classroom learning?</p> <p>a. Improved teaching quality b. Decreased teaching quality c. Increased student participation d. Increased student-teacher rapport</p>	Analytical	Classroom Management	1	0.5
39.	<p>How could an assessment that doesn't cater to diverse learning styles affect student performance?</p> <p>a. Leads to improved scores for all students b. May disadvantage students whose learning styles aren't catered to</p>	Analytical	Assessment	1	0.5

	c. Increases overall class performance d. Encourages a variety of learning styles				
40.	What is the potential impact of curriculum overload on student learning outcome a. Enhances comprehensive learning b. May lead to superficial understanding of topics c. Encourages independent learning d. Has no impact on learning outcomes	Analytical	Curriculum	1	0.5
41.	How might technology-integrated lessons impact student engagement in a low-resource classroom? a. May increase engagement through novelty b. May decrease engagement due to accessibility issues c. Has no effect on engagement d. Reduces the need for textbooks	Analytical	Teaching Style	1	0.5
42.	How might a "no zero" policy in grading impact student learning a. Encourages higher effort b. May incentivize lack of effort c. Has no impact on learning d. Increases focus on non-academic activities	Analytical	Classroom Assessment	1	0.5
43.	What might be the impact on student learning if a teacher predominantly uses a laissez-faire classroom management style? a. Promotes self-discipline b. May lead to a chaotic learning environment c. Enhances student-teacher relationships d. Leads to high academic performance	Analytical	Classroom Management	1	0.5
44.	Analyze the impact of a competency-based education system on student learning. a. Promotes rote memorization b. Allows students to learn at their own pace c. Promotes competition among students d. Leads to poor understanding of fundamental concepts	Analytical	Education Policy	1	0.5
45.	How might early introduction of high-stakes assessments affect student attitudes towards learning? a. Encourages a love for learning? b. May foster test anxiety and negative attitudes c. Leads to improved academic performance d. Decreases focus on extracurricular activities	Analytical	Assessment	1	0.5
46.	Assess the suitability of employing a lecture-centric teaching approach within a kindergarten environment. a. Suitable because it establishes discipline b. Unsuitable due to developmental considerations	Evaluative	Teaching Style	1	0.5

	c. Suitable as it enhances information retention d. Unsuitable because it encourages peer interaction				
47.	Contemplate on the effectiveness of utilizing a single standardized test as the definitive measure of a student's intelligence. a. Effective as it provides a universal standard b. Ineffective as it does not account for diverse intelligences c. Effective as it accounts for all learning styles d. Ineffective as it encourages rote learning	Evaluative	Assessment	1	0.5
48.	Weigh the suitability of a teacher modifying her teaching style to accommodate a range of learning styles within the classroom. a. Suitable as it caters to all students b. Unsuitable as it makes teaching too complicated c. Suitable as it encourages rote learning d. Unsuitable as it may not be feasible for large classes	Evaluative	Learning Styles	1	0.5
49.	Reflect on the potential influence of a 'no homework' policy on the educational outcomes of students. a. Positive as it reduces student stress b. Negative as it reduces practice opportunities c. Positive as it encourages independent learning d. Negative as it enhances understanding of classroom lessons	Evaluative	Education Policy	1	0.5
50.	Determine the fittingness of implementing a differentiated curriculum in an extremely diverse classroom. a. Fitting as it caters to individual learning needs b. Unfitting as it is too difficult to implement c. Fitting as it encourages competition d. Unfitting as it causes confusion among students	Evaluative	Curriculum	1	0.5

Answer Key for MCQs

1. c. Both a and b
2. b. Amino acids
3. c. 23
4. b. Decreases
5. b. 7×10^{-3}
6. c. Tides
7. a. $1/2$
8. c. Copper
9. c. 7
10. c. Transpiration
11. b. To understand students' progress
12. c. Discussion
13. b. Prefers written instructions
14. a. Differentiated Instruction
15. d. Autocratic
16. c. at the end of the learning process
17. b. To guide educators in planning and assessment
18. b. By identifying areas of difficulty
19. a. Student involvement
20. a. Listening to lectures
21. b. May encourage narrow focus on tested subjects
22. b. Decreases student participation
23. c. Challenges in meeting each student's needs
24. b. It does not accommodate individual learning needs
25. b. Decreases student autonomy
26. a. They provide regular feedback to improve learning
27. c. May lead to lack of problem-solving skills
28. b. By providing insights into areas of instruction that need improvement
29. a. It may enhance understanding of practical applications
30. b. Reduces understanding
31. c. Diminished personalized attention
32. b. Lower student motivation
33. a. It could lead to a self-fulfilling prophecy
34. b. May lead to narrow subject knowledge
35. a. May increase engagement through active learning
36. a. May enhance understanding and retention
37. b. Can cause confusion and instability
38. b. Decreased teaching quality

- 39. b. May disadvantage students whose learning styles aren't catered to
 - 40. b. May lead to superficial understanding of topics
 - 41. b. May decrease engagement due to accessibility issues
 - 42. b. May incentivize lack of effort
 - 43. b. May lead to a chaotic learning environment
 - 44. b. Allows students to learn at their own pace
 - 45. b. May foster test anxiety and negative attitudes
 - 46. b. Unsuitable due to developmental considerations
 - 47. b. Ineffective as it does not account for diverse intelligences
 - 48. a. Suitable as it caters to all students
 - 49. b. Negative as it reduces practice opportunities
 - 50. a. Fitting as it caters to individual learning needs
-