PART 1: OBJECTIVE

Time Allowed: 30 Minutes
Total Marks: 25
Note: All sections are compulsory. Please tick the correct answer.

Section 1: Mathematics and Statistics (5)

1. If a list containing marks of 5 students is: 70, 64, 80, 74, and 92, then the median for this list will be
   a. 74
   b. 92
   c. 77
   d. 80

2. Suppose a student gets 75 marks out of 150. What percentage of marks he got?
   a. 75%
   b. 50%
   c. 80%
   d. 25%

3. Mean of 6,4,5,2,3 is:
   a. 4
   b. 5
   c. 3
   d. 6

4. Which of the following relationships (correlation coefficient) is the strongest?
   a. 0.75
   b. 0.25
   c. 0.50
   d. 0.60

5. A cake is divided into 12 slices. If there are eight slices left, what fraction of the pizza is remaining?
   a. ½
   b. ¼
   c. ¾
   d. 2/3
Section 2: Analytical (5)

1. A newspaper article reported that "Children who routinely compete in vigorous after-school sports on smoggy days are three times more likely to get asthma than their non-athletic peers." (Sacramento Bee, Feb 1, 2002, p. A1). Which of the following is the most important additional information that would be useful before making a decision about participation in school sports?
   - a. Where was the study conducted?
   - b. How many students in the study participated in after-school sports?
   - c. What is the baseline risk for getting asthma?
   - d. Who funded the study?

2. You have an aggressive student in your class. Which of the following strategy would you adopt to handle him?
   - a. Put him in a highly frustrating and embarrassing situation
   - b. Punish him
   - c. Explain him about the harmful consequences of aggression
   - d. Allow him the opportunity to act aggressively

3. A researcher wants to determine the attitude of teachers towards teaching. The team selects 10 female and 10 male teachers from each department of a university as a sample. What kind of sampling is it?
   - a. Stratified
   - b. Convenient
   - c. Purposive
   - d. Simple Random

4. A group of researchers do a study where children from particular classrooms are assigned to treatment or control conditions. After the study, the researcher finds out that the students in the control group are higher achievers than those in the experimental group. He found no treatment effect. The failure to find an effect may be due to:
   - a. A maturation effect
   - b. A testing effect
   - c. A treatment effect
   - d. A differential selection effect

5. A group of 120 students appeared in admission test. An item in the objective type MCQ part had difficulty level of less than 0.20, It means that:
   - a. Item is too easy
   - b. Item is acceptable
   - c. Item is easy
   - d. Item is difficult

Section 3: English (5)

1. He claimed to be an expert, but he knew almost ---- about it.
   - a. Everything
   - b. Something
   - c. Anything
   - d. Nothing
2. Choose the word in the options which best corresponds to the word : opt
   a. Loose         b. look for
   c. Choose        d. Fit

3. Change the voice: The chair was brought here by my servant.
   a. My servant brings the chair here
   b. My servant will bring the chair here
   c. My servant brought the chair here
   d. My servant was bringing the chair here

4. ___________ they are poor, they are happy.
   a. As
   b. Though
   c. But
   d. Because

5. Did he------------------ to Karachi.
   a. Go
   b. Went
   c. Gone
   d. Going

**Section 4: Education Subject (10)**

1. Which of the following is not a correct statement?
   a. A test can be reliable without being valid
   b. A test cannot be valid without being reliable
   c. A test can be reliable and valid both
   d. A test can be valid without being reliable

2. The aspect ignored by Deoband Movement was
   a. Science
   b. Philosophy
   c. Religion
   d. Logic

3. Consider the question: “List and discuss main causes of the Indo Pak War” which type of item is this?
   a. Selection
   b. Extended response
   c. Restricted response
   d. Short answer

4. The steps of simulation are
   a. Introduction, explanation, simulation, debrief
   b. Orientation, simulation, debrief
   c. Assign, participate, simulation, briefing
   d. Simulation, debrief, introduction

5. Education for Sustainable development seeks partnership across the
   a. Society
   b. Future
   c. Culture
   d. Learner
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<thead>
<tr>
<th></th>
<th>Question</th>
<th>Options</th>
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<tbody>
<tr>
<td>6.</td>
<td>Which branch of philosophy deals with knowledge, its structure, method and validity?</td>
<td>a. Logic</td>
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<td>b. Aesthetics</td>
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<td></td>
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<td>c. Epistemology</td>
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<td>d. Metaphysics</td>
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<td>7.</td>
<td>A scoring guide used to evaluate the quality of students is called</td>
<td>a. Inventories</td>
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<td>b. Checklists</td>
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<td>c. Rubrics</td>
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<td>d. Rating scales</td>
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<td>8.</td>
<td>According to Piaget’s theory of cognitive development, the Formal operational stage starts at age</td>
<td>a. 11</td>
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<td></td>
<td></td>
<td>b. 15</td>
</tr>
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<td></td>
<td></td>
<td>c. 7</td>
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<td></td>
<td></td>
<td>d. 3</td>
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<td>9.</td>
<td>One of the targets of Vision-2025 is to increase the literacy rate to _________ by 2025.</td>
<td>a. 85%</td>
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<td>b. 95%</td>
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<td></td>
<td>c. 80%</td>
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<td>d. 100%</td>
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<td>10.</td>
<td>Prime Minister’s Youth Skill Development Program (PMYSDP) is to provide hands-on skill to _________ youth.</td>
<td>a. Unemployed and less educated</td>
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<td>b. Unemployed and educated</td>
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<td></td>
<td></td>
<td>c. Employed and less educated</td>
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<td></td>
<td></td>
<td>d. Employed and educated</td>
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PART 2: SUBJECTIVE

Time Allowed: 1 Hour 30 Minutes
Total Marks: 25

Note: Attempt all questions. Attach question paper with your answer sheet

Name: ______________________________ Father’s Name: ___________________________
Roll No. ______________________________

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<thead>
<tr>
<th>Q No.</th>
<th>Question Statement</th>
<th>Marks</th>
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<tbody>
<tr>
<td>1.</td>
<td>Discuss corrupt practices observed in educational system and propose possible paths for corruption free education system in Pakistan.</td>
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<td>2.</td>
<td>Develop an outline of possible research proposal aimed at to determine the effects of Social media in education; setting out explicitly the objectives, hypotheses, research design, research methodology and proposed data analysis.</td>
<td>10</td>
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<td>3.</td>
<td>It was recommend that English may be taught as a subject from Grade-I but the medium of instruction at primary level should either be Urdu, the national language, or provinces may choose regional languages as the medium of instruction at pre-primary and primary levels. (The Nation 21 Nov 2018). Describe your point of view in this regard.</td>
<td>05</td>
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