

<b>Name:</b>			
<b>Enrolment No:</b>			
<b>UNIVERSITY OF PETROLEUM AND ENERGY STUDIES</b> <b>End Semester Examination, December 2022</b>			
<b>Course: Foundations of Psychology - I</b> <b>Program: B.Sc Eco (Data Science) /</b> <b>B.Sc. (Psych. &amp; Behaviour)/</b> <b>B.Sc. Applied Math &amp; Stats /</b> <b>B.Sc Pol, Eco. &amp; Society/</b> <b>BA Literature</b>		<b>Semester: I</b> <b>Time: 02 hrs.</b> <b>Max. Marks: 50</b>	
<b>Course Code: SLLS1001</b>			
<b>Instructions:</b>			
There are two sections and all questions are compulsory.			
<b>SECTION A</b> <b>10Qx2M=20Marks</b>			
S. No.		Ma rks	CO
Q 1	Define:  I. Figure-Ground Relationship II. Parallel processing in Neural Network models III. Shape constancy IV. Operant conditioning V. Habituation VI. Functional fixedness VII. Heuristics VIII. Procedural memory IX. Schemas X. Observational learning	20	CO1
<b>SECTION B</b> <b>6Qx5M= 30 Marks</b>			
Q 2	Explain the <i>Atkinson and Shiffrin Model</i> of memory.	5	CO1 CO2
Q 3	Explain the various research methods used in psychology and their applications.	5	CO2 CO3

Q 4	<p>A dog salivates to food but not to a bright light. After the light is paired with food for 15 trials, the dog salivates when the light is presented alone. After many “light only” trials, the dog stops salivating to the light. The next day, when the light is turned on without food the dog salivates. Match the numbered term to the correct item on the right:</p> <p>I. conditioned stimulus                      a. salivation, to the food  II. unconditioned stimulus                    b. salivation, to the light  III. spontaneous recovery                    c. the food  IV. unconditioned response                   d. the light  V. conditioned response                      e. salivation to the light resumes</p>	5	CO3
Q 5	<p>Match each number concept to the correct definition on the right.</p> <p>I. Grammar                      a. smallest unit of meaning in a language  II. Phoneme                      b. the meaning of words and sentences  III. Semantics                    c. in a sentence, the symbols used and their order  IV. Surface structure            d. rules for combining the symbols in a language  V. Morpheme                    e. smallest unit of speech sound that signals a change in meaning</p>	5	CO2
Q 6	<p>For each item below, identify the <i>independent variable</i> (IV) and the <i>dependent variable</i> (DV):</p> <p>I. What are the effects of sleep deprivation on an individual’s task performance?  II. How does smoking marijuana influence decision making?  III. Does psychotherapy help in making a depressed individual feel better?  IV. Does an individual become more aggressive after playing violent video games?  V. 50 teachers receive an identical essay. Half of them are told it was written by a female student; and to the other half, it was written by a male student. Each teacher grades the essay. The researchers compare the grades given by the two groups of teachers.</p>	5	CO3

<p>Q 7</p>	<p>Fill in the blanks:</p> <p>I. Thomas owns a ring with a very small gap in it. The Gestalt law of _____ explains why most people perceive his ring to be intact.</p> <p>II. In Pavlov's experiments, _____ served as the unconditioned stimulus.</p> <p>III. Memory of information about events in our own lives is called _____.</p> <p>IV. The tendency to become increasingly committed to bad decisions even as losses associated with them increase is called _____.</p> <p>V. Testable predictions derived from theories are called _____.</p>	<p>5</p>	<p>CO1 CO2</p>
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