

Roll Number: \_\_\_\_\_

**Thapar Institute of Engineering & Technology, Patiala**  
**(Deemed-to-be-University)**

School of Humanities & Social Sciences

**End Semester Test-2024**

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| B. E. (BM, ME, ECE, CIE, ENC, MT, BT, CH)                      | Course Code: UHU005   |
| 4 <sup>th</sup> , 6 <sup>th</sup> and 8 <sup>th</sup> Semester | Course Name: Humanities for Engineers   |
| Date: 18 <sup>th</sup> May, 2024                               | Day and Time: Saturday, 2:00PM to 5:00 PM   |
| Time: 3 Hours, M. Marks: 35                                    | Name of Faculty: Dr. Kaustuv Roy, Dr. Rudra Rameshwar, Dr. Rakesh Kumar Sharma, Dr. S.C. Bose, Dr. Shilpi Tyagi |

**Instructions:**

- i. This question paper has six questions. Attempt any 5 questions.
- ii. Attempt all the parts of a question at one place.
- iii. Be precise and to the point.
- iv. Assume missing data (if any).
- v. Do mention page numbers on first page of 'Answer Sheet' in the space provided

|         |   | Marks | CO  | BL |
|---------|---|-------|-----|----|
| Q.1 (a) | State and explain the levels of Corporate Social responsibility with examples.  | 3.5   | CO5 | L2 |
| (b)     | State and explain the forces reinforcing corporate social responsibility program.   | 3.5   |     |    |
| Q.2     | “Globalization is a process of interaction and integration among the people, companies, and governments of different nations.” Explain the above statement by discussing the role of WTO in promoting globalization.                | 3.5   | CO2 | L2 |
|         | Discuss the different measures which are used as the policy tools to control inflation.   | 3.5   |     |    |
| Q.3     | Hansa Enterprises is a small firm in the steel office chairs industry, which is perfectly competitive. The market price of each chair is Rs.640. The cost function of the firm is $TC = 240Q - 20Q^2 + Q^3$ .                       |       | CO4 | L3 |
| (a)     | Calculate the profit maximizing output.   | 2     |     |    |
| (b)     | Estimate Average cost and Marginal cost at profit maximizing output.  | 3     |     |    |
| (c)     | What is the profit earned by the Hansa Enterprises if the output sold in the market is 20 units?  | 2     |     |    |
| Q.4     | Read the passage below and using the Perceiver/Target/Situation schema give an analysis of the exchange in terms of the psychology of perception. (Must employ all the different elements of the triadic schema for your analysis). | 7     | CO1 | L4 |

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|     | <p>A teacher teaching Math to six-year-old M asked, “If I give you one apple and then one apple and then one more apple, how many apples will you have?”</p> <p>Within a few seconds M replied confidently, “Four!”</p> <p>The teacher was disappointed. May be the child did not listen properly, she thought.</p> <p>She repeated the question slowly, “Listen carefully again. If I give you one apple and one apple and one apple, how many apples will you have?”</p> <p>M calculated again on his fingers. This time he gave the identical answer, but with less confidence and with some anxiety. M saw the disappointment on teacher’s face, but each time the teacher asked he gave the same answer.</p> <p>Finally, after many attempts, the teacher began to get irritated and asked angrily: “But how, how, tell me how?” M was in tears by now. He answered: “I already have one apple in my bag Ma’am, and you are giving me three.”</p>  |   |     |    |
| Q.5 | <p>Read the passage below and using any theory of personality you have studied such as Psychoanalytic Theory of personality (Freud’s theory), analyze the passage. [Analysis means looking into the given passage connecting relevant parts to the theory you have chosen, in order to make sense of the text].</p> <p>A young woman went to her mother and told her about the problems she was facing in life. She said she was tired of fighting and struggling and didn’t know how to keep going.</p> <p>The mother took her to the kitchen and filled three pots with water. She placed each pot on a burner, turned on the heat, and put a potato in one pot, an egg in the second, and coffee beans in the third. After a while, she turned off the burners and fished out the potato, egg, and coffee beans, and asked her daughter to examine them carefully.</p> <p>The potato was soft and had become very weak. The egg, which had been fragile, now had a hardened shell inside. And the coffee beans had transformed the water into a rich and aromatic coffee. The mother then explained that each of these objects had faced the same adversity – boiling water. However, each of them had reacted differently.</p> <p>The potato went in strong, firm, and hard, but in boiling water, it became soft and weak. The egg had been fragile and had a thin outer shell, but in boiling</p> | 7 | CO2 | L4 |

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|         | water, it had become hard inside. The coffee beans, on the other hand, had changed the water. The mother explained that we all face adversity, and how we react to it depends on us. |     |     |    |
| Q.6 (a) | Critically analyze 'Maslow's Needs Hierarchy' in life and relate it to the real-life situations.   | 3.5 | CO5 | L2 |
| (b)     | Describe the nature of emotional intelligence and explain how it impacts our real-life operations by using appropriate examples.   | 3.5 |     |    |

