

Roll Number: _____

Thapar Institute of Engineering & Technology (Deemed-to-be-University), Patiala
School of Humanities & Social Sciences

Written EXAMINATION

B. E. (Final Year)(ELE, COE,ECE, ENC, EIC)	Course Code: UHU005
October, 2021	Course Name: Humanities for Engineers
Time: 2 Hours, M. Marks: 50	Name of Faculty: ANS,RKS,ANP,SPT,PK,RRM

Note: Attempt any 5 questions

Q.1	A firm is operating in monopolistic competition with the following demand and cost functions. $P = 11,100 - 30Q$ $TC = 400,000 + 300Q - 30Q^2 + Q^3$ A. What is the short run equilibrium output and price for the firm? B. What is the profit or loss while operating at equilibrium?	(5+5)
Q.2	Explain the term globalization. Discuss the Impact of Globalization on Indian Economy.	(10)
Q.3(a)	Explain the various causes of inflation. Discuss the various monetary and fiscal instruments to control inflation in India.	(2+3)
(b)	Explain Bandura's four principles of social learning.	(5)
Q.4	Explain the roles attention, motivation, and sensory adaptation play in perception. With the help of a suitable diagram.	(10)
Q.5	Based on Lawrence Kohlberg's Stages for Moral Reasoning, following statement is TRUE about moral development and children's behavior in the classroom. 'Children show the highest degree of problems in stage 2 because they subscribe to the rationale', "you hit me and I will hit you back". Could you elaborate above statement according to Kohlberg's Stages Model? Please explain it with the help of suitable examples.	(5 + 5)
Q.6	Suppose Modern Merchandise, Inc., makes and markets do-it-yourself hardware, housewares, and industrial products. The company's new Aperture Miniblind is winning customers by virtue of its high quality and quick order turnaround time. The product also benefits because its price point bridges the gap between ready-made vinyl blinds and their high-priced custom counterpart. In addition, the company's expanding product line is sure to benefit from cross-selling across different lines. Given the success of the Aperture Miniblind product, Modern Merchandise plans to open a new production facility near Beaufort, South Carolina. Based on information provided by its chief financial officer, the company estimates fixed costs for this product of INR 50,000 per year and average variable costs of:	(5+5)

	$AVC = INR\ 0.5 + INR\ 0.0025Q,$ where AVC is average variable cost (in dollars) and Q is output. a. Estimate total cost and average total cost for the projected first-year volume of 20,000 units. b. An increase in worker productivity because of greater experience or learning during the course of the year resulted in a substantial cost saving for the company. Estimate the effect of learning on average total cost if actual second-year total cost was INR 848,000 at an actual volume of 20,000 units.	
Q.7	What is CSR? What are the voluntary measures taken by TISCO, for employee welfare and social and community development	(10)

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