

Roll No..... <b>Thapar Institute of Engineering &amp; Technology</b> <b>SCHOOL OF HUMANITIES AND SOCIAL SCIENCES</b>	
<b>B.E ( COE)</b> 7 <sup>th</sup> Semester, Time: 2 Hours; MM: 50  <b>Instructors: S.C Bose, A.N. Sah, R.K Sharma A. Sharma, S. Chhabra, S. Tyagi</b>	<b>EST December 12, 2020</b> <b>UHU005 Humanities for Engineers</b>
<b>Instructions: Attempt any 5 questions.</b> <b>Attempt all the parts of questions at one place.</b> <b>Be precise and to the point.</b>	
1. "Create with your heart; build with your mind." Critically analyze the three types of creativity in the context of the above statement.	(10)
2. R. K. 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 $TC = 240Q - 20Q^2 + Q^3$ . I. What is the profit maximizing output? II. What is the Average Cost when the level of output is 20 units? III. What is the profit earned by the R. K. Enterprises if the output sold in the market is 20 units? IV. Suppose the local government imposes a specific tax of Rs.325 per chair on the R. K. Enterprises What is the profit maximizing output?	(10)
3. For a healthy culture, every nation needs whistleblowers. An employee, who for the interest of society, challenges malpractice or illegality in the organization is a kind of public hero.. Explain the types of whistle blowing and conditions when whistle should be blown, explain with appropriate examples.	(10)
4. (a) Elucidate the meaning of globalization. Also discuss the various types of globalization and its negative impacts on society.  (b) Explain the meaning of inflation. How is demand-pull inflation different from cost-push inflation? Also discuss various measures to control inflation.	(5)  (5)
5. What is CSR? What are the voluntary measures taken by TISCO, for employee welfare and social and community development	(10)
6. Johari's window is an important tool for enhancing interpersonal relationships. How Johari's window helps in Personal development and group development? Explain with the help of diagram.	(10)
7. Explain the five attribute of profession. Explain the Three Pillars of Professional Ethos that are required for professional excellence.	(10)

Center - 5  
B - Block  
OC (5)

Roll No.....	
Thapar Institute of Engineering & Technology SCHOOL OF HUMANITIES AND SOCIAL SCIENCES	
B.E ( EIC, BMC) 2 <sup>nd</sup> Semester, Time: 2 Hours; MM: 50	EST 8 <sup>th</sup> <del>January</del> February 2021 UHU005 Humanities for Engineers
Instructors: A. Sharma, S. Tyagi	
<b>Instructions: Attempt any 5 questions. (ATTEMPTED Q NO. SHOULD BE MARKED ON THE FIRST PAGE OF SHEET)</b> <b>Attempt all the parts of questions at one place.</b> <b>Be precise and to the point.</b>	
1. Define organizational culture. Discuss Hofstede's six dimensions of cultural differences that affect work attitudes?	(10)
2. What is CSR? What are the voluntary measures taken by TISCO, for employee welfare and social and community development	(10)
3. What is whistle-blowing and what are its various types? An engineer working with a company gets to know of a wrong practice being done by the company, and wants to decide whether to blow the whistle. What criteria will she use to make this decision and why?	(10)
4. The demand equation confronting a profit-maximizing monopolist is $Q = 25 - 0.5P$ (i) Calculate the monopolist's total-revenue-maximizing price and output level. (ii) Suppose that the monopolist's total cost equation is $TC = 100 + 20Q$ . Calculate the monopolist's profit-maximizing price and output level.	(5) (5)
5. What are the seven need levels in Maslow's hierarchy of needs? Discuss these using suitable examples from everyday life.	(10)
6. Explain the meaning of inflation and deflation. Also discuss demand pull and cost push inflation with appropriate examples. Discuss the various measures to control inflation in India.	(10)
7. The cost function for a firm is given by $C = 15 + Q^2$ . The firm sells output in a perfectly competitive market and other firms in the industry sell output at a price a Rs.200. a) What price should the manager of the firm put on the product? b) What level of output should be produced to maximize profits?	(10)