**18CE801**

**Hall Ticket Number:**

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| **IV/IV B.Tech (Regular) DEGREE EXAMINATION** | | | |
| **May, 2022** | **Civil Engineering** | | |
| **Eighth Semester** | **Engineering Economics and Management** | | |
| **Time:** Three Hours | | **Maximum: 5**0 Marks | |
| *Answer Question No. 1 Compulsorily.* | | | (10X1 = 10 Marks) |
| *Answer* ***ANY ONE*** *question from each Unit.* | | | (4X10=40 Marks) |

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| 1. | a) | Law of Demand. | CO1 | |  |
|  | b) | List the Elements of Cost? | CO1 | |  |
|  | c) | Name types of Efficiency. | CO1 | |  |
|  | d) | What is the objective of process planning/process modification? | CO1 | |  |
|  | e) | What do metaphors have to do with organizations today? | CO2 | |  |
|  | f) | Parkinson‘s Law | CO2 | |  |
|  | g) | What is the importance of Bureaucracy in OB. | CO3 | |  |
|  | h) | What is social action? | CO3 | |  |
|  | i) | How do you define formal organization? | CO4 | |  |
|  | j) | What are sources of conflict? | CO4 | |  |
| **Unit – I** | | | | | |
| 2. | a) | What is engineering economics and its principles? | CO1 | **5M** | |
|  | b) | What are the different types of costs relevant for managerial decision making? | CO1 | **5M** | |
|  |  | **(OR)** |  |  | |
| 3. | a) | The original design submitted called for 4 tanks 5.2 m in diameter and 7 m in height. From a graph of the article, the engineer found that the present ratio of height to diameter of 1.35 is 111% of the minimum cost and that the minimum cost for a tank was when the ratio of height to diameter was 4 : 1. The cost for the tank design as originally submitted was estimated to be Rs. 9,00,000. What are the optimum tank dimensions if the volume remains the same as for the original design? What total savings may be expected through the redesign? | CO1 | **5M** | |
|  | b) | Define break-even point. Draw a break-even chart and explain its components. | CO1 | **5M** | |
| **Unit – II** | | | | | |
| 4. | a) | What is Organizational Behavior, and what are the Features of Organizational Behavior. | CO2 | **5M** | |
|  | b) | What is psychological contract and explain its functions & Types? | CO2 | **5M** | |
|  |  | **(OR)** |  |  | |
| 5. | a) | Explain the factors influencing Supply and Demand | CO2 | **5M** | |
|  | b) | Discuss in brief the factors that influence behavior? | CO2 | **5M** | |
| **Unit – III** | | | | | |
| 6. |  | Explain in detail about the classical approach in an organization. | CO3 | **10M** | |
|  |  | **(OR)** |  |  | |
| 7. | a) | Describe the general history of management theory and practice and frame how organizational behavior has developed from these into a discreet field. | CO3 | **5M** | |
|  | b) | [What is decision making approach in management?](https://www.google.com/search?rlz=1C1RLNS_enIN906IN906&q=What+is+decision+making+approach+in+management%3F&sa=X&ved=2ahUKEwj96eKor8r3AhW2zzgGHfQgDWMQzmd6BAgSEAU) What are the steps of effective decision-making? | CO3 | **5M** | |
| **Unit - IV** | | | | | |
| 8. |  | Explain the classification of organization. | CO4 | **10M** | |
|  |  | **(OR)** |  |  | |
| 9. | a) | Discuss types of authority exercised in organizations. | CO4 | **5M** | |
|  | b) | What Are the Causes of Stress in an Organization? | CO4 | **5M** | |

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