Reg. No. \_\_\_\_\_\_\_\_\_\_\_\_\_



**End Semester Examination – Nov / Dec – 2019**

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| **Code :** | **18MS3108** | **Duration :** | **3hrs** |
| **Sub. Name :** | **COST MANAGEMENT FOR ENGINEERING PROJECTS** | **Max. Marks :** | **100** |

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| **Q. No.** | **Sub Div.** | | **Questions** | | **Course Outcome** | | **Marks** |
| **ANSWER ANY FIVE QUESTIONS (5 x 16 = 80 Marks)** | | | | | | | |
| 1. | a. | | Differentiate between ‘Relevant cost’ and ‘Non – Relevant cost’. | | CO1 | | 10 |
| b. | | Discuss on the process involved in the Project Cost Management. | | CO1 | | 10 |
|  |  | |  | |  | |  |
| 2. | a. | | Elucidate on various stages in Project Execution. | | CO2 | | 10 |
| b. | | Illustrate the reasons for Cost Overruns in Project Management. | | CO4 | | 10 |
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| 3. | a. | | Enumerate on the types of Project contracts and its content. | | CO2 | | 10 |
| b. | | Explain the tools and techniques in Project cost control. | | CO1 | | 10 |
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| 4. | a. | | Differentiate ‘Marginal costing’ and ‘Absorption costing’. | | CO4 | | 10 |
| b. | | Describe the Project planning framework with neat diagram. | | CO2 | | 10 |
|  |  | |  | |  | |  |
| 5. |  | | Pepsi Company produces a single article. Following cost data is given about its product:‐  Selling price per unit  Rs.40 Marginal cost per unit  Rs.24 Fixed cost per annum  Rs. 16000 Calculate: (a)P/V ratio (b) break even sales (c) sales to earn a profit of Rs. 2,000 (d) Profit at sales of Rs. 60,000 (e) New break even sales, if price is reduced by 10%. | | CO3 | | 20 |
|  |  | |  | |  | |  |
| 6. | a. | | Describe the benefit of the ‘Balance Scorecards’. | | CO6 | | 10 |
| b. | | Enlist the advantages and disadvantages of ‘Enterprise Resource planning’. | | CO2 | | 10 |
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| 7. | | a. | | Explain the tools and techniques can be adopted in Total quality management with neat diagram. | | CO5 | 10 |
| b. | | Enlist the advantages and drawbacks of ‘Value chain analysis’. | | CO3 | 10 |
|  | | | | **COMPULSORY QUESTION (1X 20 = 20)** | |  |  |
| 8. | | a. | | Explain the advantages of ‘Flexible budget’ and the forms of flexible budget. | | CO4 | 10 |
| b. | | Construct a network for a project whose activities and their predecessor relationship are given in Table:   |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | Activity | A | B | C | D | E | F | G | H | I | J | K | | Predecessor | - | - | - | A | B | B | C | D | E | H,I | F,G | | | CO5 | 10 |