 

Question Paper Code: safa

B.E./B.TECH. DEGREE EXAMINATIONS, .!canvas.!frame.!entry5

Continuous Assessment II

safaf Semester

sadasa - adsdf

# **Part-A (5 X 2 = 10 Marks)**

|  |  |  |  |
| --- | --- | --- | --- |
| Q.No | Questions | CO’s | Bloom’s Level |
| 1 | Briefly explain the different tools and techniques used in the recording phase of method study | CO2 | K2 |
| 2 | What are therbligs? | CO2 | K1 |
| 3 | What is time study? | CO2 | K1 |
| 4 | Compare techniques of loading and scheduling? | CO4 | K2 |
| 5 | What are the advantages of Gantt load chart? | CO4 | K1 |

# **Part-B (2 x 13 = 26 Marks)**

|  |  |  |  |
| --- | --- | --- | --- |
| Q.No | Questions | CO’s | Bloom’s Level |
| 6. a. | Explain the detailed account of the various factors considered while designing a product. | CO1 | K2 |
| 6. b. | Discuss in detail: i) Breakeven Analysis ii) Samuel Eilon model | CO1 | K2 |
| 7. a. | Discuss in detail about the various factors that affect scheduling. Explain any one technique used in loading and scheduling process. | CO4 | K2 |
| 7. b. | Explain the common methods adopted in industries for progress reporting. | CO4 | K2 |

# **Part-C (1 x 14 = 14 Marks)**

|  |  |  |  |
| --- | --- | --- | --- |
|  |  |  |  |
| 8. a. | A manufacturer sells an item for Rs. 13 per unit. He incurs a fixed cost of Rs. 60,000 and a variable cost of Rs. 8 unit. Find the break even production quantity and also the no. of units to be produced to get a profit of Rs. 12000. | CO1 | K2 |
| 8. b. | Explain the procedural steps involved in the work sampling study and illustrate how work sampling is used for the computation of standard time for an operation which involves both manual and machine elements. | CO2 | K2 |