 

Question Paper Code: dsgs

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

Continuous Assessment II

safa Semester

dgfsg - dfs

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

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| Q.No | Questions | CO’s | Bloom’s Level |
| 1 | What is Simo chart? | CO2 | K1 |
| 2 | Briefly explain the different tools and techniques used in the recording phase of method study | CO2 | K2 |
| 3 | Define method study? | CO2 | K1 |
| 4 | Describe the fixed period quantity inventory model? Also compare and contrast P-system with Q- System. | CO5 | K1 |
| 5 | What are the benefits of inventory control? | CO5 | K1 |

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

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| Q.No | Questions | CO’s | Bloom’s Level |
| 6. 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 |
| 6. b. | Explain the detailed account of the various factors considered while designing a product. | CO1 | K2 |
| 7. a. | Explain short notes on  (i) ABC analysis (ii) Computer integrated production planning systems Manufacturing resource planning (iv) Enterprise resource planning. | CO6 | K2 |
| 7. b. | Explain the terms: lead time, stock out, buffer stock, inventory carrying cost. | CO6 | K2 |

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

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| 8. a. | Explain different types of production systems. Differentiate between them. | 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 |