 

Question Paper Code: P123

B.E./B.TECH. DEGREE EXAMINATIONS, March 2024

Continuous Assessment II

3rd Semester

PHY101 - Physics

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

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| Q.No | Questions | CO’s | Bloom’s Level |
| 1 | What are the types of production? | CO1 | K1 |
| 2 | What are the two types of continuous production? | CO1 | K1 |
| 3 | What is the various procedure of method study? | CO2 | K1 |
| 4 | What is chronocycle graph? | CO2 | K2 |
| 5 | What are the factors affecting production planning? | CO3 | K1 |
| 6 | What are the steps in process planning? | CO3 | K1 |
| 7 | Define kanban system? | CO4 | K1 |
| 8 | Describe about the scheduling? | CO4 | K2 |
| 9 | What is holding (Or) inventory carrying costs? | CO5 | K1 |
| 10 | Define – Order Cycle | CO5 | K2 |

# **Part-B (2 x 15 = 30 Marks)**

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| Q.No | Questions | CO’s | Bloom’s Level |
| 11. a. | Discuss in detail: i) Breakeven Analysis ii) Samuel Eilon model | CO1 | K2 |
| 11. b. | Explain the detailed account of the various factors considered while designing a product. (or) | CO1 | K2 |
| 12. a. | Explain in brief the steps involved in conducting the method study procedure. | CO2 | K2 |
| 12. b. | Illustrate about the work measurement. Explain the various techniques used for work measurements (or) | CO2 | K2 |
| 13. a. | Discuss about the machine loading? Also enumerate the various methods to the cycle time to a minimum. | CO3 | K2 |
| 13. b. | Explain the importance of process planning with reference to production control. Discuss the activities in process planning. (or) | CO3 | K2 |
| 14. a. | Explain the various techniques adopted for aligning completion time and due dates. | CO4 | K2 |
| 14. b. | Discuss the concepts, inputs, characteristics, working, outputs, and benefits of MRP. (or) | CO4 | K2 |
| 15. a. | Explain about the EOQ? Derive the expression for EOQ when the demand of the item is uniform, the production rate is infinite and no stock-outs are allowed. | CO5 | K2 |
| 15. b. | Discuss in detail about the P and Q systems of inventory replenishment along with their merits and demerits. (or) | CO6 | K2 |