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Question Paper Code	12559
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B.E. / B.Tech. - DEGREE EXAMINATIONS, APRIL / MAY 2024

Eighth Semester

Electronics and Instrumentation Engineering

20MGEL801 - PROJECT MANAGEMENT AND FINANCE

Regulations - 2020

Duration: 3 Hours

Max. Marks: 100

PART - A (10 × 2 = 20 Marks)

Answer ALL Questions

- | | Marks | K-
Level | CO |
|--|-------|-------------|-----|
| 1. List out the types of project in project management. | 2 | K1 | CO1 |
| 2. Define formal organization. | 2 | K1 | CO1 |
| 3. Distinguish between risk and uncertainty in project management. | 2 | K2 | CO2 |
| 4. Enumerate your view on pre-feasibility studies. | 2 | K2 | CO2 |
| 5. What is an objective of project appraisal? | 2 | K1 | CO3 |
| 6. Define market appraisal. | 2 | K1 | CO3 |
| 7. What is the use of project scheduling? | 2 | K1 | CO4 |
| 8. What is project time estimation? | 2 | K1 | CO4 |
| 9. Define private equity. | 2 | K1 | CO5 |
| 10. What is the full form of PPPs? | 2 | K1 | CO5 |

PART - B (5 × 13 = 65 Marks)

Answer ALL Questions

- | | | | |
|--|----|----|-----|
| 11. a) Describe in detail about the requirements for project management. | 13 | K2 | CO1 |
| OR | | | |
| b) Explain in detail about the life cycle of a project and its different phases. | 13 | K2 | CO1 |
| 12. a) Explain the stages in project planning process. | 13 | K2 | CO2 |
| OR | | | |
| b) Explain in detail about project identification. | 13 | K2 | CO2 |
| 13. a) Explain any two project management methodologies in detail. | 13 | K2 | CO3 |
| OR | | | |
| b) Write a note on SCBA. | 13 | K2 | CO3 |
| 14. a) Explain the advantages and limitations of using Gantt charts in project management. | 13 | K2 | CO4 |

OR

K1 – Remember; K2 – Understand; K3 – Apply; K4 – Analyze; K5 – Evaluate; K6 – Create

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b) Explain about the PERT planning process in detail. 13 K2 CO4

15. a) Why is it important to evaluate "value for money" in public-private partnerships? Discuss in detail. 13 K2 CO5

OR

b) Explain the various financial instruments used in project finance and how they meet infrastructure project funding needs. 13 K2 CO5

PART - C (1× 15 = 15 Marks)

16. a) Discuss the difference between top-down and bottom - up approaches to cost estimation. 15 K2 CO4

OR

b) Compare different PPP models like BOT, BOOT, and DBFO, discussing their contractual structures and risk allocations. 15 K2 CO5