

School: SOE	Level: BE	Invigilator's Sign:
Program: BEEE	Year/Part: IV/I	Superintendent's Sign:
Subject: Project Management for Engineers (EG706CE)		Code No.

- i. Answers should be given by filling the Multiple-Choice Questions' Answer Sheet.
ii. The main answer sheet can be used for rough work.

Code No.

GROUP A (Multiple-Choice Questions)	[10x1=10]	Time: 20 Minutes
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- Which of the following is NOT a characteristic of a project?
 - Temporary in nature
 - Unique output
 - Repetitive operations
 - Defined start and end date
- In project life cycle, the Planning phase mainly focuses on:
 - Monitoring risks
 - Resource allocation and scheduling
 - Final closure
 - Auditing
- Which organizational structure creates dual authority for employees?
 - Line Organization
 - Functional Organization
 - Matrix Organization
 - Divisional Organization
- Which one is a source of internal financing?
 - Debentures
 - Term Loans
 - Equity Shares
 - Retained Earnings
- The Critical Path Method (CPM) is mainly used to:
 - Minimize project cost
 - Identify longest path in project
 - Eliminate risks
 - Control project quality
- Which type of cost estimate is considered the most detailed and accurate?
 - Parametric estimate
 - Analogous estimate
 - Bottom-up estimate
 - Rough order of magnitude
- In procurement, EPC contract stands for:
 - Estimate-Plan-Control
 - Engineering-Procurement-Construction
 - Evaluation-Process-Contract
 - Execution-Planning-Coordination
- Earned Value Analysis (EVA) is used for:
 - Quality control
 - Schedule and cost performance
 - Human resource management
 - Project risk planning
- A contingency plan is mainly prepared for:
 - Reducing communication gaps
 - Managing risks and uncertainties
 - Closing a project
 - Increasing profits
- At the end of the project, post audit is done to:
 - Motivate workers
 - Evaluate project success
 - Estimate costs
 - Schedule resources

Multiple Choice Questions' Answer Sheet

Marks Secured: _____

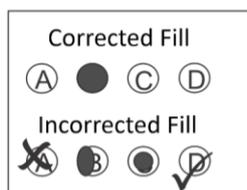
In Words: _____

Examiner's Sign: _____ Date: _____

Scrutinizer's Marks: _____

In Words: _____

Scrutinizer's Sign: _____ Date: _____



1. A B C D	6. A B C D
2. A B C D	7. A B C D
3. A B C D	8. A B C D
4. A B C D	9. A B C D
5. A B C D	10. A B C D

Manmohan Technical University
Office of the Controller of Examinations
Exam Year: 2082, Mangsir(Model Question)

School: SOE	Level: BE	Time: 3 Hours
Program: BEEE	Year/Part: IV/I	Full Marks: 50
Subject: Project Management for Engineers (EG706CE)		

- ✓ Candidates are required to give their answers in their own words as far as practicable.
- ✓ The figures in the margin indicate **Full Marks**.
- ✓ Assume suitable data if necessary.

GROUP A (Multiple-Choice Questions in separate paper)

[10×1=10]

GROUP B (Short Answer Questions - *Attempt Any Eight*)

[8×2=16]

11. Define “Project Success” in your own words.
12. Mention any two functions of leadership in project management.
13. A student project uses WhatsApp and Google Docs. Identify which is synchronous and which is asynchronous communication. Explain
14. What are the advantages of WBS? Explain
15. Write one advantage and one disadvantage of equity capital.
16. A project is ahead of schedule but over budget. Which SPI and CPI values might show this?
17. List two key elements of project management.
18. What is meant by E-procurement? Mention one benefit.
19. Why is post-project evaluation important? Give one reason.

GROUP C (Long Answer Questions - *Attempt All Questions*)

[6×4=24]

20. Explain the characteristics of a project in your own words with one real-life example.
21. What is a Project Management Office (PMO)? Write its functions and explain why organizations create it.
22. Compare fixed price, cost-plus, and BOOT contracts. Which one transfers most risk to the contractor?
23. A hydropower project needs large financing. Do you think debt financing is better than equity financing here? Justify
24. Discuss the steps of risk management process with one example each.
25. For the given activities and predecessors, calculate EST, EFT, LST, LFT, determine the critical path, and draw a network diagram showing dependencies and the critical path clearly.

All The Best