

Reg. No. :

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Question Paper Code : 40957

B.E./B.Tech. DEGREE EXAMINATIONS, NOVEMBER/DECEMBER 2025.

Fifth/Sixth/Seventh/Eighth/Tenth Semester

Aeronautical Engineering

MG 8591 — PRINCIPLES OF MANAGEMENT

(Common to : Automobile Engineering/Computer Science and Engineering/
Computer and Communication Engineering/Electrical and Electronics Engineering/
Electronics and Communication Engineering/Electronics and instrumentation
Engineering/Industrial Engineering/Industrial Engineering and Management/
Instrumentation and Control Engineering/Mechanical Engineering/
Mechanical Engineering (Sandwich)/Mechanical and Automation Engineering/
Mechatronics Engineering/Robotics and Automation/Artificial Intelligence and Data
Science/Information Technology)

(Regulations 2017)

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. Define the term management.
2. State any two differences between a manager and an entrepreneur.
3. What is planning premises?
4. What is strategic management?
5. What is departmentalization?
6. State any two sources of recruitment.
7. Mention any two motivational techniques.
8. What is job enrichment?
9. Define productivity.
10. List any two non-budgetary control techniques.

PART B — (5 × 13 = 65 marks)

11. (a) Explain the evolution of management thought.

Or

- (b) Compare and contrast scientific management and human relations approaches.

12. (a) Describe the planning process and its types in detail.

Or

- (b) Discuss the steps in decision making and the role of planning tools and techniques.

13. (a) Illustrate the various types of organization structure in detail.

Or

- (b) Explain the concept of centralization and decentralization and Mention its advantages and disadvantages.

14. (a) Analyze Maslow's hierarchy of needs theory and mention its managerial applications.

Or

- (b) Examine the barriers to effective communication and suggest remedies.

15. (a) Discuss budgetary control technique and its significance in management control.

Or

- (b) Explain the productivity problems encountered by managers and suggest ways to overcome them.

PART C — (1 × 15 = 15 marks)

16. (a) Case Study : As a newly appointed manager of a manufacturing company, outline your approach to planning, organizing, and controlling to improve productivity in your unit. Provide a step-wise plan.

Or

- (b) Imagine you are formulating a new department in a software company. Describe the process of recruitment, selection and performance management. Suggest how you would ensure motivation and communication within the team.