

M.E. First Semester (Civil Engineering (Construction Engg. & Manag.)) (CGS)
13063 : Construction Material & Material Management : 1 CM 02

P. Pages : 2

Time : Three Hours



AU - 3344

Max. Marks : 80

- Notes : 1. Answer **three** question from Section A and **three** question from Section B.
2. Use of pen Blue/Black ink/refill only for writing the answer book.

SECTION - A

1. a) What are the various functions of management as applied to materials? 6
b) What are the different levels of standards? Explain briefly. 7

OR

2. a) Explain the procedure for evolving the Indian standards for various products. 6
b) What is mean by integrated material management? What are the advantages of integrated material management? 7
3. a) Write importance of material planning. 6
b) What are the objectives of storekeeping? List and explain. 7

OR

4. a) Explain the concept of master budget. How a master budget derived from sales budget and production budget. 6
b) Enunciate the principles of effective material handling. Explain the following term: 7
i) Delegation principles ii) Operating principles
5. a) What are the benefits of ABC classification? 7
b) How P-system and Q-systems used in practice? Explain. 7

OR

6. a) What are the approaches used for independent demand situation and dependent demand situation in inventory control? 7
b) What is EOQ concept? Derive the formula. 7

SECTION - B

7. a) What are the following document? 7
i) Format of quotation by supplier
ii) Purchase order

- b) What are the objectives of purchasing. 7

OR

8. a) Explain the following approaches to inviting tenders: 7
i) Open tender ii) Limited tender
iii) Single tender

- b) Discuss the following special Methods of purchasing. 7
i) Hand-to mouth purchasing
ii) Forward purchasing
iii) Speculative purchasing

9. a) What is a make or buy decision? What are the criteria which helps a firm whether to make or buy item? 6

- b) Discuss in brief the following factors in the light of make or buy decisions: 7
i) Facilities available ii) Multiple source policy
iii) Managerial control iv) Procurement & inventory consideration

OR

10. a) Discuss the merits and demerits of collaborative and alliance type relations. 6

- b) What are the reasons for creation of surplus? Can it be avoided? 7

11. a) What are the use of various documents used in International trade? 6

- b) What are the Human aspects of material management? 7

OR

12. a) What is meant by Governmental buying? How it is differ from private buying. 6

- b) What are the benefits of India becoming member of world trade organization. 7
