

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

P. Pages : 2
Time : Three Hours



AW - 3513
Max. Marks : 80

- Notes : 1. Answer **three** question from section "A" and **three** question from section "B"
2. Assume suitable data wherever necessary.
3. Illustrate your answer necessary with the help of neat sketches.

SECTION - A

1. a) Explain in detail "Integrated Materials Management". 6
b) What do you mean by codification of material? Elaborate. 7

OR

2. a) Discuss the classification of materials used for construction. 6
b) Explain in brief standardization of materials. 7
3. a) What do you mean by material planning? Explain in brief about budgeting. 6
b) State in detail the principles of material handling. 7

OR

4. a) State the use of operation research in material planning. 6
b) Describe in brief store management. 7
5. a) State the importance of Inventory management in material management. 7
b) Explain in detail the concept of EOQ. 7

OR

6. a) Write short note on- 7
i) ABC
ii) GOLF
b) Write short note on 7
i) VED
ii) FSN

SECTION – B

7. a) What are the principles of purchasing in material management. 6
b) Explain briefly theory of sampling inspection. 7

OR

8. a) What do you mean by control charts? Explain In-process monitoring of quality. 6
b) Explain the six sigma quality concept in detail. 7
9. a) Explain briefly Buyer & seller relationship. 6
b) State the factors affecting the process of negotiation. 7

OR

10. a) Describe briefly the performance appraisal of Materials Department. 6
b) State in detail the legal aspects of purchasing. 7
11. a) State the importance of computers in Material Management. 7
b) Describe in brief the organizational structure of government Buying mechanism. 7

OR

12. a) State the importance of "Material Audit". 7
b) What is Reporting of Materials management? Elaborate. 7
