

Total No. of Questions – [6]

Total No. of Printed Pages: 1

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DECEMBER- 2021 END SEM
T.Y.B. TECH. (CIVIL ENGG.) (SEMESTER-I)
COURSE NAME: CONSTRUCTUON MANAGEMENT (ELECTIVE)
COURSE CODE: CVUA 31183A
(PATTERN 2018)

Time: [1 Hour]

[Max. Marks: 30]

(*) Instructions to candidates:

- 1) Attempt Q.1 **OR** Q.2, Q.3 **OR** Q.4, Q.5 **OR** Q.6,
- 2) Figures to the right indicate full marks.
- 3) Use of scientific calculator is allowed.
- 4) Assume suitable data where ever required.

Q.1) a) Summarize material management with its role in any organization. [6MARKS]

b) Enlist main objectives of material management and explain any one objective by relating with construction work [4MARKS]

OR

Q.2) a) Elaborate tendering and process of tendering [6MARKS]

b) Compare tender and contract [4MARKS]

Q.3) a) Briefly discuss heavy construction. List the equipments which are used in heavy construction. [6MARKS]

b) Justify the need of maintenance of equipment with examples of preventive maintenance [4MARKS]

OR

Q.4) a) Discuss about depreciation of equipment. How many years do you depreciate different construction equipments? [6MARKS]

b) Discuss in short about equipment replacement. What are the factors affecting equipment replacement? [4MARKS]

Q.5) a) Summarize management information system. Enlist components of a management information system? [6MARKS]

b) List the characteristics and benefits of MIS. [4MARKS]

OR

Q.6) a) Paraphrase 'Enterprise Resource Planning' (ERP) systems. List the advantages of ERP. [6MARKS]

b) Summarize ERP. How does ERP help in inventory management? [4MARKS]