

CEM32 - Construction Material and Construction Practice

589

REG. NO

OCTOBER 2021

Time: Three hours

Maximum Marks: 75

- Note:
1. Answer ALL the questions in PART-A (1 mark each)
 2. Answer any ONE question from each unit in PART-B (3 marks each)
 3. Answer any ONE question from each unit in PART-C (10 marks each)
 4. The question paper contains TWO Pages

PART-A (1x10=10)

1. Name the ingredients of good brick earth.
2. What are the major classification of rocks?
3. List out any two types of roof coverings.
4. What is D.P.C.?
5. Name any two tools used in Stone masonry.
6. Define Bed joint in brick masonry.
7. What are the two components of floors?
8. State the purpose of providing weathering course.
9. Name the types of shoring.
10. What is pointing?

PART-B (3x5=15)

UNIT-I

11. What are the requirements of a Good Building stone?
12. What is the composition of Ordinary Portland Cement?

UNIT-II

13. What are the objectives of seasoning of timber?
14. State the properties of Good Mortar.

UNIT-III

15. Explain English Bond.
16. What are the causes of dampness in Buildings?

UNIT-IV

17. Explain any two types of roof.
18. What are the types of stairs?

UNIT-V

19. State the types of scaffolding.
20. What are the objectives of plastering?

PART-C (10x5=50)

UNIT-I

21. State the various stages in the manufacturing of bricks and explain briefly.
22. List the types of cement. Explain any four types of cement.

UNIT-II

23. Explain the types of paints.
24. List the uses of mortar and explain how cement mortar is prepared.

UNIT-III

25. What are the points to be considered in the construction of brick masonry?
26. What are the causes of failure of foundation and state their remedial measures?

UNIT-IV

27. Explain in detail any four types of doors with neat sketches.
28. Write in detail about any three types of flooring.

UNIT-V

29. State and explain the types of pointing with sketches.
30. Discuss in detail in two types of underpinning.
