

Register No.:

145

April 2023

Time – Three hours
(Maximum Marks: 100)

- N.B.**
1. Answer all questions under Part-A. Each question carries 3 marks.
 2. Answer all the questions either (A) or (B) in Part-B. Each question carries 14 marks.

PART – A

1. Define Porosity and Durability.
2. Name the test to be conducted on Bricks.
3. Define Paint. Write the uses of Aluminum Paint.
4. What are the types of timber?
5. Define bearing capacity of soil.
6. Define perpends and bat in brick masonry.
7. Define winders and newel post.
8. Define Purlin and Cleats.
9. State the requirements of good plaster.
10. Define shoring and list out its types.

[Turn over...]

PART – B

11. (a) (i) Write short note on first class bricks.(4)
(ii) Explain the working operation of Hoffman's kiln and its construction with neat sketch.(10)
(Or)
(b) Explain briefly the different types of cements.
12. (a) Explain about constituents of concrete and their requirement in detail.
(Or)
(b) Explain RCC roof and mention its types and advantages.
13. (a) Explain in detail the points to be considered in the construction of stone masonry and name any four tools used for stone masonry.
(Or)
(b) What are the objectives and requirements of a good foundation? Explain.
14. (a) What are the types of stairs? Explain them with neat sketches.
(Or)
(b) Mention the types of roof. Explain any two types of roof with neat sketches.
15. (a) Explain the procedure for preparation of surface and application of Distempering.
(Or)
(b) What are the types of Scaffolding? Explain the features of each type of scaffolding with neat sketch.