

519**October 2017**

Time - Three hours
(Maximum Marks: 75)

- [N.B: (1) Q.No. 8 in PART - A and Q.No. 16 in PART - B are compulsory. Answer any FOUR questions from the remaining in each PART - A and PART - B.
(2) Answer division (a) or division (b) of each question in PART-C.
(3) Each question carries 2 marks in PART - A, 3 marks in Part - B and 10 marks in PART - C.]*

PART - A

1. Define specific gravity.
2. Name any two sources of lime.
3. Define paint.
4. What are the constituents of cement mortar?
5. Name any two tools used in stone masonry.
6. What do you mean by framed structure?
7. Write any two advantages of hollow block.
8. Mention any two objectives of pointing.

PART - B

9. List out the artificial stones used for flooring.
10. Describe any two types of cement.
11. What are the functions of paint?
12. Write short notes on spread foundation.
13. Define partition and give two examples.
14. What do you mean by rise and tread of a stair?
15. Sketch a type of scaffolding and mention their parts.
16. What is underpinning? List its types.

PART - C

17. (a) What are the requirements of a good building stone? Explain.
(Or)
(b) What are the various stages in the manufacture of brick? Explain them.

18. (a) (i) What are the properties of mortar?
(ii) State the types of varnish and explain them.
(Or)

(b) Explain the defects in timber with neat sketches.

19. (a) (i) Explain the construction details of English bond with neat sketch.
(ii) Explain any two types of rubble stone masonry.

(Or)

(b) Explain the points to be considered in the construction of brick masonry.

20. (a) Explain the different types of stairs with neat sketches.

(Or)

(b) Explain the different types of doors with neat sketches.

21. (a) Explain the different types of pointing.

(Or)

- (b) (i) Describe how the white washing is carried out.
(ii) What are the requirements of a good form work?