

October 2018

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. How igneous rocks are formed?
2. Write the importance of water cement ratio.
3. Define curing of concrete.
4. What is the purpose of curtain wall?
5. Write any two objects of seasoning of timber.
6. Differentiate vehicle and thinner.
7. What is meant by PVC?
8. What do you mean by nominal size of brick? Write the size of it.

PART – B

9. Write any three qualities of a good tile.
10. Name the different sources of lime.
11. List any three uses of cement.
12. Why preservation of timber is necessary?
13. Write short notes on glass blocks.
14. Mention any three qualities of a good varnish.
15. What is meant by cork? What are its uses?
16. List any three requirements of a good mortar.

[Turn over.....

PART – C

17. (a) Enumerate the characteristics of a good building stone.
(Or)
(b) Explain the different types of lime with their properties and uses.
18. (a) Explain any four types of cement with their properties and uses.
(Or)
(b) Write short notes on: (i)Storage of cement (ii)Admixtures.
19. (a) Explain any five defects in timber with neat sketches.
(Or)
(b) Explain the following with their properties and uses. (i)Plywood (ii)Laminate board (iii)Batten board.
20. (a) Explain any four types of paint with their properties and uses.
(Or)
(b) Explain anti-termite and pest control treatment in buildings.
21. (a) Write short notes on their properties and uses (i)Thermocole (ii)Glass wool (iii)Nano material.
(Or)
(b) What are the requirements of an ideal damp proofing material? Explain any two in detail.
