

**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. Write the main classification of rocks.
2. Classify the cement as per BIS.
3. What is RCC and PCC?
4. Name any four defects in timber.
5. Define curtain wall.
6. Name the different types of varnishes.
7. Define plastics. List it
8. What is meant by nominal size of brick?

**PART – B**

9. What are the uses of lime?
10. Define tile. What are its types?
11. List any three requirements of good mortar.
12. What is meant by curing of concrete?
13. Write any three defects in painting.
14. Write about nano materials.
15. What is thermocol? What are its uses?
16. Write any three qualities of good timber.

[Turn over.....]

PART – C

17. (a) Explain the properties of a good building stone.  
(Or)  
(b) Explain in detail the classifications of bricks.
18. (a) Write short notes on:  
(i) Storage of cement  
(ii) Composite mortars using fly ash and surkhi.  
(Or)  
(b) Explain the different types of concrete with their properties and uses.
19. (a) Write short notes on:  
(i) Block board, (ii) Particle board and (iii) Plywood.  
(Or)  
(b) Write the proper types of glass.
20. (a) Explain white washing and colour washing.  
(Or)  
(b) Write short notes on:  
(i) Epoxy resin, (ii) Plaster putty and (iii) Painters putty.
21. (a) Explain the following with its properties and uses.  
(i) PVC and (ii) FRP.  
(Or)  
(b) Write short notes on:  
(i) Artificial sand and (ii) UPVC sections.

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