

QP Code : 1094

(OLD COURSE)

(3 Hours)

[ Total Marks : 100

- N.B. : (1) Question No.1 compulsory.  
(2) Answer any four questions out of remaining.

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| 1. Write short note on   | 20 |
| a) Acoustic defects  |    |
| b) Types of staircase  |    |
| c) Grade of cement   |    |
| d) Rooting system  |    |
| 2. a) Describe water absorption test & compressive strength test on bricks.                          | 10 |
| b) (1) Sketch. elevation & section of uncoursed random rubble masonry showing through ston           | 5  |
| (2) Defects of timber  | 5  |
| 3. a) Explain Ferrous & non ferrous product in details.  | 10 |
| b) What is glass & its types & uses.   | 10 |
| 4. a) (1) State requirements of ideal formwork   | 5  |
| (2) Write short note on flooring tiles   | 5  |
| b) State various types of paints with their specific use.  | 10 |
| 5. Write short note on   | 20 |
| a) Air conditioning  |    |
| b) Acoustics & sound insulation  |    |
| c) Water proofing & damp proding   |    |
| d) Plaster of paris.   |    |
| 6. Write short note on   | 20 |
| a) Bricks & their manufacturing process  |    |
| b) Pavor blocks  |    |
| c) Physical and chemical properties of material  |    |
| d) load bearing & framed structure   |    |
| 7. a) Mention general rules to be observed to avoid the failure of form work for concret structures. | 8  |
| b) Write short note on structural clay products  | 6  |
| c) Natural & artificial ventilators  | 6  |