

- Q.5 Explain various types of ceiling materials and roofing materials available nowadays.
- Q.6 Explain different types of fixtures used in toilet and kitchen.
- Q.7 What are various types of paints and distemper generally used in buildings.

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Roll No.

3rd Sem. /Arch. Asstt.

Subject : Fundamentals of building Material

Time : 3 Hrs.

M.M. : 100

SECTION-A

Note: Very Short Answer type questions. Attempt any 15 parts. (15x2=30)

- Q.1
- a) Wood.
 - b) Wired Glass
 - c) Igneeous Rocks
 - d) Composite Masonary
 - e) Clay
 - f) Weight of standard brick
 - g) Terrazo
 - h) Setting time of cement
 - i) O.P.C
 - j) Coarse sand
 - k) P.C.C

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- l) Lime Concrete
- m) Plywood
- n) Tinted Glass
- o) Rapid hardening cement
- p) Size of standard brick
- q) 1st class brick
- r) Aggregate

SECTION-B

Note: Short answer type questions. Attempt any ten parts 10x4=40

- Q.2
- i) Discuss classification of rocks.
 - ii) Give characteristics of good building stones.
 - iii) Give various types of bricks used for masonry.
 - iv) What are the uses of brick tiles?
 - v) Give characteristics of good bricks.
 - vi) Discuss uses of lime in construction

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- vii) Give application of synthetic resins
- viii) Differentiate between spirit polish and wax polish
- ix) Give various types of material used for expansion joint
- x) What are characteristics of good timber?
- xi) Discuss defects in timber.
- xii) What are properties of RCC which makes it best in construction work?
- xiii) Give classification of Lime.
- xiv) How are the aggregates classified?
- xv) What is water cement ratio? Discuss its effect on strength.

SECTION-C

Note: Long answer type questions. Attempt any three questions. 3x10=30

- Q.3 Explain various types of finishers applied for wall and ceiling.
- Q.4 Explain various types of flooring alongwith their fixing procedure.

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