

S.B. Roll No.....

CONSTRUCTION MATERIAL
3rd Exam/Civil/0516/Nov'18

Duration: 3Hrs.

M.Marks:75

SECTION-A

Q1. a) Fill in the blanks.

15x1=15

- i. Standard size of brick is _____
- ii. Decay in timber is due to _____
- iii. Rocks are composed of _____
- iv. The IS sieve number _____ is used for fineness test.
- v. Granite is much _____ the lime stone.

b) State True or False.

- vi. Lime is obtained from calcium oxide.
- vii. Marble is used as road metal.
- viii. Roofing tiles are thinner/thicker than flooring tiles.
- ix. Slate is metamorphic rock.
- x. Plastics have high specific gravity.

c) Choose the correct answer.

- xi. Slate is (sedimentary/metamorphic) rock.
- xii. (Lead/copper) can be cut with a knife.
- xiii. Thinner used for oil paints is (turpentine/water).
- xiv. Strength of cement _____ with storage (increase/decrease).
- xv. Mango is an (endogenous/exogenous tree).

SECTION-B

Q2. Attempt any five questions.

5x6=30

- a. What is the difference between stone and a rock?
- b. Explain the general characteristics of a good building stone?
- c. Define the uses of lime?
- d. Differentiate between ferrous and non-ferrous metals.
- e. Give the requirements of a good sound insulating material.
- f. Explain the characteristics to find suitability of timber.

SECTION-C

Q3. Attempt any three questions.

3x10=30

- i. Explain the classifications of rocks?
- ii. Explain the process of holfman's kiln with the help of diagrams?
- iii. a) Explain setting and hardening of cement.
b) Explain the difference between bitumen and asphalt.
- iv. Define the defects in timber with neat sketch.