

No. of Printed Pages : 4
Roll No.

220231

3rd Sem / Architectural Assistantship
Subject : Building Materials & Construction - II

Time : 3 Hrs.

M.M. : 60

SECTION-A

Note: Multiple choice questions. All questions are compulsory (6x1=6)

- Q.1 Gypsum is added to increase the _____ of cement
- a) initial setting time b) final setting time
 - c) ultimate strength d) none of above
- Q.2 The final setting time or ordinary Portland cement is _____
- a) 30 minutes b) one hour
 - c) 10 hour d) none of above
- Q.3 Timber can be _____
- a) easily worked to any size and shape
 - b) joint to the required form easily
 - c) uses for furniture and other decorative fittings
 - d) all of the above

- Q.4 The timber in the form of a freshly felled tree which has not lost much of its moisture is called _____
- a) green timber b) standing timber
c) rough timber d) none of above
- Q.5 The common proportion of lime in the manufacture of ordinary Portland cement is _____
- a) 6% b) 22%
c) 63% d) none of the above
- Q.6 Chemically active pore fillers _____ the setting of concrete
- a) Retards b) Decrease
c) Accelerates d) No change

SECTION-B

Note: Objective/ Completion type questions. All questions are compulsory. (6x1=6)

- Q.7 Define cement.
- Q.8 Define lime.
- Q.9 Define fine aggregates.
- Q.10 Define concrete.
- Q.11 Two common Indian timber are _____.
- Q.12 What is wired glass.

(2)

220231

SECTION-C

Note: Short answer type questions. Attempt any eight questions out of ten questions. (8x4=32)

- Q.13 What are the uses of cement.
- Q.14 What are the uses of Portland cement.
- Q.15 Explain different types of sand and Pozzolona material.
- Q.16 Explain different type of hard wood.
- Q.17 Write a short note on window.
- Q.18 Explain different type of door.
- Q.19 Explain stained glass.
- Q.20 Write a short note on panel door.
- Q.21 Define different types of windows.
- Q.22 Define cement mortar and also explain their uses.

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. (2x8=16)

- Q.23 Explain various types of cement and their uses.
- Q.24 Explain the characteristics of good timber.
- Q.25 Explain the various types of glasses with their uses.

(3)

220231