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**3rd Sem / Civil, GE(4th sem), Brick Tech,
Const Mgmt, Highway Engg.**

Subject:- Building Construction

Time : 3Hrs. M.M. : 100

SECTION-A

Note: Multiple choice questions. All questions are compulsory (10x1=10)

- Q.1 Dado is usually provided in (CO8)
a) dinning halls b) bath rooms
c) living room d) verandah
- Q.2 The lowest part of the structure which transmits the load to the soil is known as (CO2)
a) Super-structure b) Plinth
c) foundation d) basement
- Q.3 The highest point on the extrados is called (CO5)
a) skew back b) crown
c) Voussoir d) keystone
- Q.4 The process of making the back ground rough, before plastering, is (CO11)
a) dubbing b) hacking
c) blistering d) peeling
- Q.5 The most common type of door is (CO6)
a) Double leaf door b) Louvred door
c) Single leaf door d) Battened door

- Q.6 The brick flooring may be done with bricks (CO8)
a) laid flat
b) laid on edge
c) set at right angle to the walls
d) all of the above

- Q.7 A couple-close roof is used for spans upto (CO9)
a) 3.5 m b) 5 m
c) 9 m d) 14 m

- Q.8 The horizontal part of a step on which foot is placed in ascending or descending a stairway, is called (CO10)
a) riser b) tread
c) flight d) nosing

- Q.9 The _____ are popularly known as the white ants though they are in no way related to the ants. (CO12)
a) Termites b) Ants
c) Bugs d) Beetles

- Q.10 In order to prevent the entry of damp into a building, the course are provided are known as the _____ course. (CO7)
a) Termites proofing b) Water proofing
c) Corrosion proofing d) Damp proofing

SECTION-B

Note: Objective type questions. All questions are compulsory. (10x1=10)

- Q.11 What is Head in Frames? (CO6)

- Q.12 The part of the building constructed below the ground level is known as _____. (CO1)
- Q.13 Define frog. (CO4)
- Q.14 Mud and muram floorings can be used in both low-cost housing as well as high-cost housing. (True/False). (CO8)
- Q.15 Define roof? (CO9)
- Q.16 Define rise in stairs? (CO10)
- Q.17 What is the full form of D.P.C? (CO7)
- Q.18 In chemical method of termite proofing, insecticides are poisonous (True/False) (CO12)
- Q.19 In smooth cash finish, steel floats are not recommended for external renderings.(True/False) (CO11)
- Q.20 Key is the wedge shaped unit at the Crown of an arch. (True/False) (CO5)

SECTION-C

Note: Short answer type questions. Attempt any twelve questions out of fifteen questions. (12x5=60)

- Q.21 What are the requirements of good building. (CO1)
- Q.22 Classify Piles according to Load Transfer. (CO2)
- Q.23 Draw neat sketch of Raft foundation with brief description. (CO2)
- Q.24 Describe the classification of mortar. (CO3)
- Q.25 Define scaffolding. List any two types of scaffolding (CO3)
- Q.26 Distinguish between a lintel and an arch. (CO5)

- Q.27 What are various functions of lintel. (CO5)
- Q.28 Write a short note on Glazed door. (CO6)
- Q.29 What are damp-proofing materials. (CO7)
- Q.30 Explain various types of floors. (CO8)
- Q.31 Give requirement of good roof. (CO9)
- Q.32 Explain Bifurcated Stairs with the help of diagram. (CO10)
- Q.33 Write the requirement of ideal staircase. (CO10)
- Q.34 What precautions should be taken during doing anti-termite treatment? Explain. (CO12)
- Q.35 What is English Bond? Explain briefly. (CO4)

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. (2x10=20)

- Q.36 Explain effects of Dampness. (CO7)
- Q.37 Define Pointing. Enlist different types of pointing and explain any five of them in detail. (CO11)
- Q.38 Explain the Toothing method of bonding new brickwork with the old one with the help of a neat sketch. (CO4)