

- Q.22 Brick on end
- Q.23 Frog
- Q.24 Facing
- Q.25 Bed Joints
- Q.26 Plinth Level
- Q.27 Necessity of bond
- Q.28 Corbel
- Q.29 Moulding
- Q.30 Grouting
- Q.31 Dampness
- Q.32 Key Stone
- Q.33 Voussoir
- Q.34 Soffit
- Q.35 Springer

SECTION-D

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

- Q.36 Discuss the sources and causes of dampness in a building
- Q.37 Draw to a suitable scale of a right angle junction of a one brick thick wall
- Q.38 Draw a neat sketch of arch and explain its various parts.

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2nd Sem / Architecture Subject:- Building Construction 1

Time : 4Hrs.

M.M. : 100

SECTION-A

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

- Q.1 The part of building below the ground level is called
 - a) Super Structure b) Foundation
 - c) Sub Soil d) Floors
- Q.2 The super structure of a building essentially consists of
 - a) Wall, Floor, Roof
 - b) Foundation and sub soil
 - c) both a and b
 - d) none
- Q.3 To protect building from the glare of sun which is provided
 - a) Sun shade b) projection
 - c) Cornice d) Corbelling

- Q.4 The size of a standard brick is
 a) 20x10x10 cm b) 22x11x11 cm
 c) 19x9x9 cm d) 26x12x12 cm
- Q.5 The thickness of brick partition wall is
 a) 10 cm b) 20 cm
 c) 30 cm d) 40 cm
- Q.6 The internal face of the wall is called
 a) facing b) backing
 c) front d) hearting
- Q.7 The central voussoirs of an arch ring is called
 a) Central voussoir b) Key stone
 c) Pack stone d) Soft stone
- Q.8 The access of moisture contents inside a building through walls floors is called
 a) Penetration b) Moisture
 c) Dampness d) Recession
- Q.9 The vertical DPC is provided in
 a) External Wall b) Internal Wall
 c) Party Wall d) Partition Wall
- Q.10 The color of bitumen is
 a) White b) Red
 c) Black d) Yellow

SECTION-B

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

- Q.11 The appearance of Flemish bond is _____ than that of English bond.
- Q.12 _____ is the method of arranging bricks.
- Q.13 The interior portion between the facing and backing is called _____.
- Q.14 All the portions of the masonry should be raised as _____.
- Q.15 The stone which extends through the entire thickness of wall is called _____.
- Q.16 The bed joints in arch are _____.
- Q.17 The concrete lintel constructed at site is called _____ lintel
- Q.18 The minimum end bearing of a lintel should be _____.
- Q.19 The highest point on extrados of an arch is called _____.
- Q.20 An assemblage of bricks properly bonded together in a mortar is called _____.

SECTION-C

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

- Q.21 Course