

- 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 Vousoir  
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