

No. of Printed Pages : 4 180735/170735/120735
Roll No. /030735

Civil
Subject:- Building Construction

Time : 3Hrs. M.M. : 100

SECTION-A

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

- Q.1** The first step in the construction of a building involves (CO1)
a) Planning b) Site selection
c) Designing d) Construction

Q.2 Self weight of the building is also termed as (CO2)
a) Dead load b) live load
c) Wind load d) Earthquake load

Q.3 The construction of temporary supports provided to an unsafe structure is known as (CO3)
a) Scaffolding b) Underpinning
c) Shoring d) None of these

Q.4 Thickness of partition wall should be
a) 100 mm b) 200 mm
c) 300 mm d) 400 mm

Q.5 An imaginary horizontal line joining the two springing points is called as (CO5)
a) Skew back b) Span

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- c) Rise d) Springing line

Q.6 Rigid type of damp-proof material is (CO7)
a) mastic asphalt b) bituminous felt
c) metallic sheet d) rich cement concrete

Q.7 Vertical side member of a framework of a shutter are termed as (CO6)
a) Rails b) Sills
c) Styles d) Posts

Q.8 A series of steps without any landing is known as (CO10)
a) Flight b) Going
c) Winders d) Soffit

Q.9 Uncoursed rubble masonry is (CO4)
a) Cheapest b) poorest
c) roughest d) All of these

Q.10 When earth is rammed to provide a hard base on the ground floor, then it is termed as (CO8)
a) Base course b) Underlayer
c) Topping d) None of these

SECTION-B

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

- Q.11 The self load of the building is termed as _____.
(CO2)

Q.12 The part of a building below the ground level is called as _____.
(CO1)

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- Q.13 The standard size of brick is _____. (CO4)
- Q.14 Hollow concrete blocks are good insulators of _____ and _____. (Co3)
- Q.15 Raking of joints and again filling with rich mortar is called _____. (CO11)
- Q.16 Platform provided between two flights for resting is known as _____. (CO10)
- Q.17 The reverse of a hip in a pitched roof is known as _____. (CO9)
- Q.18 Concrete floor is good in resisting _____. (CO8)
- Q.19 Parapets must be provided with cement concrete _____ to throw away water. (CO7)
- Q.20 The top member of a door or window frame is called as _____. (CO6)

SECTION-C

- Note:** Short answer type questions. Attempt any twelve questions out of fifteen questions. (12x5=60)
- Q.21 Describe any two methods used to bond new brick work with old brick work. (CO4)
- Q.22 Explain the factors affecting the selection of foundation. (CO2)
- Q.23 Write the requirements of a good building. (CO1)
- Q.24 Write the classification of walls based upon the load bearing tendency. (CO3)
- Q.25 Write the essential requirements of a good stair. (CO10)

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- Q.26 Write step wise procedure applied in plastering a surface. (CO9)
- Q.27 Write a short note on terrazo floor with diagram. (CO8)
- Q.28 What is lintel? Describe its types. (CO5)
- Q.29 What are the various sources of dampness? (CO6)
- Q.30 What is mortar? Explain its functions. (CO4)
- Q.31 Write a short note on cofferdam. (CO3)
- Q.32 What is Pointing? Describe its types with diagram. (CO11)
- Q.33 What are the components of floor? Define briefly. (CO8)
- Q.34 Differentiate between rubble and ashlar stone masonry. (CO4)
- Q.35 Write a short note on Panelled Door. (CO6)

SECTION-D

- Note:** Long answer type questions. Attempt any two questions out of three questions. (2x10=20)
- Q.36 Explain the types of Pointing with diagram. (CO11)
- Q.37 What is Foundation? Explain types of foundation. (CO2)
- Q.38 Define dog-legged stair and panelled Door with diagram. (CO10)
- (Note:** Course outcome/CO is for office use only)

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