

No. of Printed Pages : 4
Roll No.

180735/170735/120735
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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)

- Q.26 Write step wise procedure applied in plastering a surface. (CO9)
- Q.27 Write a short note on terrazzo 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)