

No. of Printed Pages : 4

Roll No.

220734

3rd Sem. / Civil

Subject : Building Construction

Time : 3 Hrs.

M.M. : 60

SECTION-A

Note: Multiple choice questions. All questions are compulsory $(6 \times 1 = 6)$

Q.1 A retaining wall may be built in CO2

- a) dry stone masonry
- b) stone masonry
- c) plain cement concrete
- d) all of the above

Q.2 A course of stone provided immediately below a cornice, is called CO2

- a) blocking course b) coping
- c) frieze d) parapet

Q.3 The surface of the abutment on which the arch rests, is known as CO1

- a) Span b) keystone
- c) skew back d) crown

Q.4 The vertical members which support the door frame are called CO4

- a) Reveals b) Styles
- c) posts d) jambs

Q.5 The brick floorings may be done with bricks CO4

- a) Laid flat
- b) laid on edge arranged in herring-bone fashion
- c) set at right angle to the walls
- d) all of the above

Q.6 The horizontal members of wood or steed or steel used to support the common rafter of a sloping roof, are called CO5

- a) Purlins b) cleats
- c) hip rafters d) valley rafters

SECTION-B

Note: Objective/ Completion type questions. All questions are compulsory. $(6 \times 1 = 6)$

Q.7 What are non-load bearing walls? CO1

Q.8 What is bond? CO2

Q.9 What are stops? CO4

Q.10 What is pitch of a sloping roof? CO5

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Q.11 Define rise.	CO2
Q.12 Define course.	CO2

SECTION-C

Note: Short answer type questions. Attempt any eight questions out of ten questions. $(8 \times 4 = 32)$

Q.13 Explain advantage of lintel.	CO2
Q.14 Write a short note on Concrete floor.	CO4
Q.15 Define Shallow and Deep Foundation.	CO1
Q.16 What are the principles and precautions to be observed in construction of stone masonry wall?	CO3
Q.17 Explain ill effect of dampness.	CO6
Q.18 What is the function of Mortar?	CO2
Q.19 What is the difference between Mortar and Concrete?	CO2
Q.20 What is the partition wall and its types?	CO1
Q.21 Give basic difference between King post and queen post truss.	CO5
Q.22 Define Queen Closer, Mullion, Pier, and Intrados.	CO2

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. $(2 \times 8 = 16)$

Q.23 Explain Cement Mortar & Lime Mortar and how to preparation of these Mortar.	CO2
Q.24 Describe the various causes of Dampness in details.	CO6
Q.25 What are the various types of Lintel? Explain any two type of Lintel in details.	CO2
(Note: Course outcome/CO is for office use only)	