

No. of Printed Pages : 4

Roll No. 220725

2nd Sem. / Civil

Subject : Civil Engineering Practices

Time : 3 Hrs.

M.M. : 60

SECTION-A

Note: Draw & Define Very short questions. Attempt any eight questions out of ten questions. (8x1=8)

- Q.1 Draw the symbol of natural stone. CO-1
- Q.2 Draw the symbol of plaster & plaster products.CO-2
- Q.3 Draw the symbol of single leaf single swing door. CO-4
- Q.4 Draw the symbol of brick. CO-5
- Q.5 Draw the symbol of revolving door. CO-6
- Q.6 Define canal. CO-7
- Q.7 Define weir. CO-9
- Q.8 Define earthen dam. CO-10

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Q.9 Define tube well. CO-11

Q.10 Define rain water harvesting system. CO-12

SECTION-B

Note: Attempt any five questions out of eight questions.

(5x8=40)

- Q.11 Draw the section of a simple spread foundation with plinth projection by applying thumb rule method of the 400mm thick wall and showing 50mm thick DPC with two coat of hot bitumen at plinth level. CO-1
- Q.12 Draw the plan of corner junction of a 300mm thick brick wall in English bond with queen closer. CO-2
- Q.13 Draw the elevation of circular brick arch. CO-3
- Q.14 Draw the elevation and sectional plan of laminated flush door size 800x2100mm. Assume suitable data if missing. CO-4

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Q.15 Draw typical details of damp proofing treatment in basements with. Assume suitable data. CO-6

Q.16 Draw the typical L-Section of weir. CO-9

Q.17 Draw the cross-section of strained type tube well. CO-11

Q.18 Draw layout and cross-sectional of rainwater harvesting system used in individual houses.CO-12

concrete (1:2:4) use any other missing data, not given, as per standard specification:

Bed width = 3.50m

F.S.L. Depth = 1m

Free board = 700mm

Side slope in cutting = 1.5:1

(**Note:** Course outcome/CO is for office use only)

SECTION-C

Note: Attempt any one question out of two questions.

(1x12=12)

Q.19 Draw the section of a basement with RCC wall and flooring showing the details of damp proofing for it. CO-5

Q.20 Draw the cross-section of a lined channel, fully in cutting. The lining consist of 130mm thick cement