

No. of Printed Pages : 4  
Roll No. ....

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**2nd Sem / Branch : Civil  
Sub.: Civil Engineering Practices**

Time : 3Hrs. M.M. : 60

**SECTION-A**

**Note:** Very short questions. Attempt any eight questions out of ten questions.  $(8 \times 1 = 8)$

- Q.1 Draw the brick with their standard size. (CO1)
- Q.2 Draw the symbol of partition block. (CO2)
- Q.3 Draw the symbol of hard core. (CO4)
- Q.4 Draw the symbol of glass. (CO4)
- Q.5 Draw symbol of concrete. (CO5)
- Q.6 Draw the symbol of earth. (CO6)
- Q.7 Define DPC. (CO7)
- Q.8 Define canal head work. (CO8)
- Q.9 Define R.W.H. System in individual house. (CO12)
- Q.10 Define foundation. (CO1)

(1)

220725

**SECTION-B**

**Note:** Attempt any five questions out of eight questions.

$(5 \times 8 = 40)$

- Q.11 Draw the section of a simple spread foundation with plinth projection by applying thumb rule method of the 300 mm thick wall showing 40mm thick DPC with at plinth level. (CO1)
- Q.12 Draw the plan of corner junction of a 1 Brick thick wall in English bond with queen closer. (CO2)
- Q.13 Draw the elevation of segmental brick arch. (CO3)
- Q.14 Draw the front elevation and side elevation of panelled and glazed door 1200x2100 mm in size. Assume suitable data if missing. (CO4)
- Q.15 Draw a section of basement of DPC in ordinary soil. (CO6)
- Q.16 Draw the cross-section of diaphragm earthen dam. (CO10)
- Q.17 Draw the cross-section of slotted type tubewell. (CO11)
- Q.18 Draw layout and cross-sectional of rainwater harvesting system used in individual houses. (CO12)

(2)

220725

## **SECTION-C**

**Note:** Attempt any one questions out of two questions.

(1x12=12)

- Q.19 Draw a front elevation and sectional plan of framed and panelled door 1190x2100 mm in size. Assume suitable data if missing. (CO4)
- Q.20 Draw a typical layout plan of a canal diversion head work. Assume suitable data. (CO8)

(3)

220725

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(4)

220725