

No. of Printed Pages : 4
Roll No.

180736/170736

3rd Sem / Civil
Subject:- Building Drawing

Time : 3Hrs.

M.M. : 100

SECTION-A

Note: Objective type questions. All questions are compulsory. (10x2=20)

- Q.1 Draw the symbol of “Brick Work” (CO1)
- Q.2 Draw “Queen closer”. (CO2)
- Q.3 Draw the symbol of a “Sliding door”. (CO4)
- Q.4 Draw the symbol of a “Building”. (CO5)
- Q.5 Draw the symbol of a “Bed”. (CO6)
- Q.6 Draw the symbol of a “Wood”. (CO7)
- Q.7 Draw the symbol of an “Exhaust fan”. (CO8)
- Q.8 Draw the symbol of “Combined drains”. (CO9)
- Q.9 Draw the symbol of an “Almirah”. (CO4)
- Q.10 Draw the symbol of “Sand”. (CO1)

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SECTION-B

Note: Short answer type questions. Attempt any five questions out of eight questions. (10x5=50)

- Q.11 Draw the section of a simple spread foundation without plinth projection for “300mm thick wall” by applying the thumb rule method. (CO1)
- Q.12 Draw the plan of corner T-Joint of one brick thick wall in English bond. (CO2)
- Q.13 Draw the elevation of a circular arch for 3.5 m span. (CO3)
- Q.14 Draw the front elevation of a Single Leaf Doubled Panelled Door of size 900 mm X 2100mm with wooden board panels. (CO4)
- Q.15 Draw the sectional elevation of a foundation with DPC for one brick thick inner wall of a room. (Apply the thumb rule method). (CO5)
- Q.16 Draw the section of a ceramic tile floor at first floor level. (CO7)
- Q.17 Draw the section of a flat roof showing the provisions of heat and thermal insulation. (CO8)
- Q.18 Show the provisions of damp proofing details (sectional elevation) of a one brick wall masonry work overhead water tank used for domestic water supply. (CO11)

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SECTION-C

Note: Long answer type questions. Attempt any two questions out of three questions. (2x15=30)

Q.19 Draw the detailed plan of a small residential building as shown in Fig. - 1. (CO6)

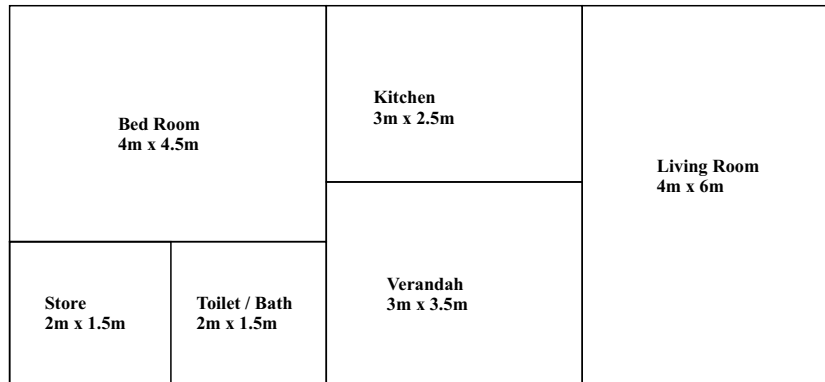


Fig. - 1

Q.20 Draw the section of a basement with RCC wall (200mm thick) and flooring, showing the details of damp proofing for it. (CO10)

Q.21 Draw the sectional details of the damp proof arrangements for the roof of a building as per BIS code and also show the rain water khurra details. (Co9)