

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 "Earth Work" (CO1)
- Q.2 Draw "King Closer" (CO2)
- Q.3 Draw the symbol of a "Single leaf single swing 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 "Brick Work" (CO7)
- Q.7 Draw the symbol of an "Exhaust Fan" (CO8)
- Q.8 Draw the symbol of a "Soil Pipe" (CO9)
- Q.9 Draw the symbol of an "Almirah" (CO4)
- Q.10 Draw the symbol of "Wire Mesh" (CO1)

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SECTION-B

Note: Short answer type questions. Attempt any five questions out of eight questions. (5x10=50)

- Q.11 Draw the section of a simple spread foundation with plinth projection for "One and half brick thick wall" by applying the thumb rule method. (CO1)
- Q.12 Draw the plan of corner L-Joint of one brick thick wall in English bond. (CO2)
- Q.13 Draw the elevation of a segmental arch for 1.20m span. (CO3)
- Q.14 Draw the front elevation of a Single Leaf Fully Glazed Door of size 900 mm X 2100 mm. (CO4)
- Q.15 Draw the sectional elevation of a foundation with DPC for one brick thick outer wall of a room. (Apply the thumb rule method) (CO5)
- Q.16 Draw the section of a vitrified tile floor at ground level. (CO7)
- Q.17 Draw the section of a flat roof showing the provisions of heat/thermal insulation. (CO8)
- Q.18 Show the provisions of damp proofing details (sectional elevation) of an overhead water tank size 2mX2mX1.5 m made up of RCC Walls used for domestic water supply. (CO11)

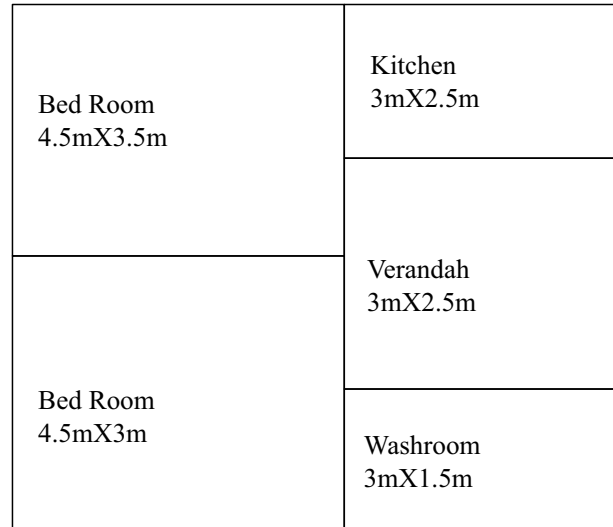
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SECTION-C

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)



Q.20 Draw the sectional details of the damp proof arrangements for the roof of a buildings per BIS code having the roof size of 10mx12m and also show the rain water pipe installation details. (CO9)

Q.21 Draw the section of a basement with RCC wall (200 mm thick) and flooring, showing the details of damp proofing for it. (CO10)