

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. $(10 \times 2 = 20)$

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|------|---------------------------------------|-------|
| 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) |

SECTION-B

Note: Short answer type questions. Attempt any five questions out of eight questions. $(10 \times 5 = 50)$

- | | | |
|------|---|--------|
| 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) |

(1)

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(2)

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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)

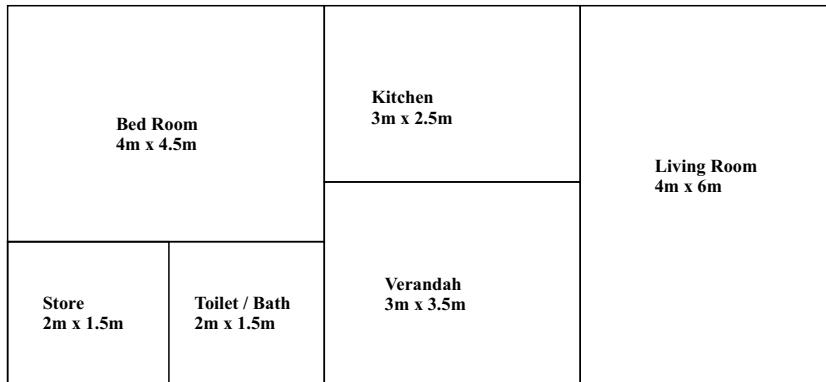


Fig. - 1

- 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)