

No. of Printed Pages : 4
Roll No.

180736/170736

3rd Sem / Civil Engineering
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 'Wood.'
- Q.2 Draw the Symbol of 'Combined Drain'
- Q.3 Draw the symbol of 'Bed.'
- Q.4 Draw 'Queen Closer.'
- Q.5 Draw the symbol of 'Concrete.'
- Q.6 Draw the sketch of a standard Brick with its dimensions.
- Q.7 Draw the symbol of 'Sliding door.'
- Q.8 Give full form of DPC.
- Q.9 Define Foundation.
- Q.10 Dampness can enter a Cavity Wall. (True / False)

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SECTION-B

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

- Q.11 Draw the section of a simple spread foundation without plinth projection for 200mm thick wall by applying the thumb rule method.
- Q.12 Draw the plan of corner-L-joint of a 200mm thick wall in English Bond.
- Q.13 Draw the elevation of a Segmental Arch.
- Q.14 Draw the elevation & sectional side elevation of a Glazed Door with various parts.
- Q.15 Draw the sectional elevation of a room foundation having wall thickness as One Brick Thick with DPC (applying the Thumb Rule Method).
- Q.16 Draw the section of Terrazzo Floor over ground.
- Q.17 Draw a section of a flat roof showing the provisions of a heat / thermal insulation.
- Q.18 Show the provisions of damp proofing details of a brick masonry under-ground water tank used for domestic water supply.

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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 shown in fig below.

BED ROOM 4.0m x 4.5m		KITCHEN SINK 3.0m x 2.5m	LIVING ROOM 4.0m x 6.0m
STORE 2.0m x 1.5m	TOILET/BATH 2.0m x 1.5m	VERANDAH 3.0m x 3.5m	

Q.20 Draw the section of a basement with brick masonry wall and R C C flooring, showing the details of damp proofing for it.

Q.21 Draw the sectional and elevation plan of Panelled Door showing various parts .