

SECTION-C

Note: Long answer type questions. Attempt any three questions. 3x10=30

- Q.3 Sketch and explain the functions of the following
a) Water closet b) Flushing cistern
- Q.4 Explain briefly the concept of rain water harvesting with neat sketch.
- Q.5 Explain Single Stack and double stack system of house drainage.
- Q.6 Describe various components used in service connection.
- Q.7 With the help of neat sketch explain the function of escalator.

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3rd Sem. / Architecture
Subject : Building Services

Time : 3 Hrs.

M.M. : 100

SECTION-A

Note: Very Short Answer type questions. Attempt any 15 parts. (15x2=30)

- Q.1 a) Inlet pipe
b) Storm water
c) P-trap
d) Echo
e) Inspection Chamber
f) MCB
g) Noise
h) Stack
i) Sink
j) Reverbration

- k) Lift
- l) Air borne Sound
- m) Ferrule
- n) Hose Reel
- o) Escalator
- p) Ventilation
- q) Fire Alarm System
- r) Soil Appliance

SECTION-B

Note: Short answer type questions. Attempt any ten parts 10x4=40

- Q.2
- i) Write the various factors which affect the ventilation
 - ii) Write different safety measures to prevent electrical shock.
 - iii) What are the essential requirements of a good trap.
 - iv) Draw the neat sketch of lift and mention its

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- various components.
- v) What are two essentials of an air conditioning system.
- vi) What are the advantages and disadvantages of cleat wiring.
- vii) Draw any five types of electrical symbols.
- viii) Differentiate between mercury lamps and incandescent lamps
- ix) Write different methods of water distribution system.
- x) List precautions to avoid fire accidents.
- xi) Write minimum sizes of pipes commonly used in a house drainage system.
- xii) List various measures to prevent leakage and wastage of water.
- xiii) Write a brief note on a soak pit.
- xiv) Define service connection.
- xv) Give the general classification of surface drains.

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