

- ### SECTION-D
- Note:** Long answer type questions. Attempt any two questions out of three questions. (2x10=20)
- Q.36 Describe various types of wiring system used for electrical fittings with its advantages and disadvantages?
- Q.37 Explain in detail various types of Air Conditioning System?
- Q.38 Discuss different types of pipes used in water supply system giving their merits and demerits?

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Q.6 Dry refuse from houses, streets, markets, and other places in a town is called

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- a) Garbage b) Stack
c) Ferrule d) Asbestos
- Q.7 The process of extraction of a certain required amount of water from air is known as _____
a) Heating b) Cooling
c) Humidification d) Dehumidification
- Q.8 The runoff water during and immediately after rain is called _____
a) Drain b) Wastewater
c) Storm water d) Stop cock
- Q.9 A power driven, inclined, continuous stairway used for raising or lowering passengers is known as _____
a) Insulation b) Escalator
c) Convection d) Staircase
- Q.10 Sound absorbing materials are used to minimize _____
a) Noise b) Vibration
c) Earthquake d) None

SECTION-B

- Note:** Objective type questions. All questions are compulsory. (10x1=10)
- Q.11 A chamber of smaller size mainly provided in house drainage is called _____ chamber. (Inspection/Interconnecting)
- Q.12 _____ is defined as vibrations or pressure changes in an elastic which are capable of being detected by the ear. (Echo/Sound)
- Q.13 A pipe carrying discharge from W.C. or Urinal is called a _____ (Soil pipe/Waste Pipe)
- Q.14 _____ is the accumulating and storing of rainwater, used to provide water for irrigation, water for livestock (Rainwater harvesting /Glass wool)
- Q.15 Unwanted sound is known as a _____ (Noise/Vibration)

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- Q.16 AC stands for _____ (Alternate current/Active current)
- Q.17 A _____ provided in the kitchen for washing dishes etc. (Trap/Sink)
- Q.18 _____ means the prolonged reflection of sound from wall floor or roof of a hall. (Reverberation /Acoustic)
- Q.19 Unit of current is _____ (Ampere/Watt)
- Q.20 Under-ground pipe of masonry used for disposal of sewage is called a _____ (Sewer/Soak pit)

SECTION-C

- Note:** Short answer type questions. Attempt any twelve questions out of fifteen questions. (12x5=60)
- Q.21 What is Rainwater Harvesting? Why do we need rainwater harvesting ? Explain with the help of diagram?
- Q.22 Write short note on:
a) Lift machine
b) Natural Ventilation
c) Reverberation Time
- Q.23 What are the causes of Electrical Accidents?
- Q.24 Draw symbols for Sanitary and Plumbing Installation of:
a) Rectangular Bath
b) Double sink unit
c) Indian type WC
d) Through Lavatory Island Type
- Q.25 Enlist the features of Glass Wool?
- Q.26 What are the features of Escalator?
- Q.27 What is heat? What are the different ways of Heat transfer? Explain Heat Radiation with example?

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