



DAF-1901390201040300 Seat No. _____

Second Year B. A. (ID) (Sem. IV) Examination

April - 2022

Services

Time : 2 Hours]

[Total Marks : 50

Instructions : (1) All questions are compulsory.
(2) Any ambiguity will be considered as a wrong answer.

1 (A) Choose the correct answer : 5

- (1) Function of trap in plumbing is...
 - (A) To maintain water level
 - (B) to provide water pressure
 - (C) to remove impurities from water
 - (D) to prevent entry of foul gases from sewer.
- (2) Which of these traps is generally installed at outer surface of building?
 - (A) Floor trap
 - (B) Gully trap
 - (C) Nahani trap
 - (D) 'S' trap
- (3) Pipes used for drainage from WC should have diameter of...
 - (A) Half inch
 - (B) two inch
 - (C) four inch
 - (D) six inch
- (4) Trap used to collect waste water from wet floor is called...
 - (A) Nahani trap
 - (B) Gully trap
 - (C) 'S' trap
 - (D) 'P' trap
- (5) In which type of WC, a pan and a trap installed in two separate pieces.
 - (A) Wall hung WC
 - (B) Squatting type WC
 - (C) 'P' trap European WC
 - (D) 'S' trap European WC

- (B) Answer the following questions: 5
- (1) Draw the flow chart how to water comes to our houses.
 - (2) Write name of types of traps.
 - (3) Give the diameter of water supply pipes.
 - (4) Give name of different types of sanitary fittings.
 - (5) Write basic source of water.
- 2 (A) Fill in the blanks: 5
- (1) Symbol of watt is _____.
 - (2) Watt is a unit of _____.
 - (3) _____ is a measure of the degree to which conductor opposes an electric current through it.
 - (4) _____ is the unit of potential difference in circuit.
 - (5) _____ is the unit of current.
- (B) Answer the following questions : 5
- (1) Draw the flow chart of how electricity is generated?
 - (2) Write the colour of live, neutral and earth wire.
 - (3) What is the Voltage in India?
 - (4) Write the types of lighting fixtures available in market.
 - (5) Write name of different types of AC.
- 3 Design a toilet lay out for a given part plan of a residence, 15
 Highlight plumbing layout, also draw required wall elevations.
 (any one toilet) (Scale 1: 20)
 Give necessary dimension along with textual information in plan and elevations.
 Give required specification of sanitary ware used.
 Locate openings according to design.
- 4 Draw furniture layout and design electrical points and wiring 15
 system in your manner for given plan. Prepare electrical point legend & schedule and give supportive justifications. (Drawing attached).

