

No. of Printed Pages : 4 220716/180754/170765
Roll No.

1st Sem / Civil

Subject : Plumbing Services

Time : 3 Hrs.

M.M. : 60

SECTION-A

Note: Multiple choice questions. All questions are compulsory (6x1=6)

- Q.1 The spanner which is fully circular closed ring at both ends is called (CO1)
- a) Ring Spanner
 - b) Open ended spanner
 - c) Bi-hexagonal ring spanner
 - d) Combined spanner
- Q.2 L.D.P.E pipes stand for (CO2)
- a) Low Density Polyester Pipes
 - b) Low Density Polyethylene pipes
 - c) Low Depth Polyester Pipes
 - d) None

(1) 220716/180754/170765

- Q.3 Which of the following is used to block the pipe at one end? (CO2)
- a) Coupling b) Reducer
 - c) Union d) Plug
- Q.4 Scour valves are provided at (CO3)
- a) Lower points b) Middle points
 - c) Upper points d) anywhere
- Q.5 The minimum size trap for residential sink is (CO4)
- a) 15 mm b) 47 mm
 - c) 38 mm d) 58 mm
- Q.6 Heat always moves from (CO5)
- a) Lower of Higher temperature
 - b) Higher to lower temperature
 - c) Not depends upon temperature
 - d) Both a & b

SECTION-B

Note: Objective/ Completion type questions. All questions are compulsory. (6x1=6)

- Q.7 _____ is used for making threads on a pipe. (CO1)
- Q.8 P.V.C pipes are manufactured using _____. (CO2)
- Q.9 Safety valve is also called _____. (CO3)

(2) 220716/180754/170765

Q.10 In plumbing what does DWV means _____.
(CO4)

Q.11 The cistern which is operated by a chain is called _____.
(CO5)

Q.12 There are _____ modes of heat transfer. (CO5)

SECTION-C

Note: Short answer type questions. Attempt any eight questions out of ten questions. (8x4=32)

Q.13 Define the term Plumbing ? Explain which types of care of tools required for plumbing. (CO1)

Q.14 Explain any five advantages of G.I. Pipes. (CO2)

Q.15 How will you check alignment of pipes? (CO2)

Q.16 Write short note on Reciprocating pump. (CO3)

Q.17 What do you understand by Rain water Harvesting system. (CO3)

Q.18 Enlist any four difference between one pipe and two pipe drainage system. (CO4)

Q.19 Write short note on cesspool. (CO4)

Q.20 Define Drop manhole. Enlist any four functions. (CO4)

Q.21 Explain the Geyser (Instantaneous Water Heater). (CO5)

Q.22 Explain mixing tap. (CO5)

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. (2x8=16)

Q.23 Name the various types of pipe joints. Explain any two with diagram. (CO2)

Q.24 Explain Radial system of water supply distribution system with sketch and give its three advantages and disadvantages. (CO3)

Q.25 What do you mean by sanitary fittings and fixtures? Name the various appliances used for this.