

No. of Printed Pages : 4
Roll No.

180754

5th Sem / Civil Engineering
Subject:- Plumbing Services

Time : 3Hrs.

M.M. : 100

SECTION-A

Note: Multiple choice questions. All questions are compulsory (10x1=10)

- Q.1 The tools which are used for holding the pipes in plumbing operations are called.
- a) Cutting tool b) Holding tool
c) Fitting tool d) Bending tool
- Q.2 Bell and spigot joint is mostly provided for
- a) Cast iron pipe
b) RCC pipe
c) Cement concrete pipe
d) Copper and lead pipe
- Q.3 Stop valve is also known as
- a) Gate valve b) Globe valve
c) Air relief valve d) Needle valve
- Q.4 In Plumbing what does DWV means
- a) Drain work vent b) Double waste vent
c) Drain waste vent d) Double work vent

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- Q.5 The capacity of the cistern in flush toilet varies between
- a) 15 to 20 liter b) 5 to 15 liter
c) 2 to 10 liter d) 10 to 20 liters
- Q.6 The _____ colour absorbed maximum energy on it as compared to other colour.
- a) Green b) Red
c) Black d) White
- Q.7 The pipe line should be laid in
- a) Straight line b) Parallel
c) Opposite d) None of these
- Q.8 Floor trap is also called
- a) nahni trap b) gully trap
c) S trap d) Q trap
- Q.9 Automatic flushing cistern are done by
- a) E.W.S b) L.W.C
c) Urinal d) Bidet
- Q.10 How many modes of heat transfer
- a) Two
b) three
c) Four
d) Five

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SECTION-B

Note: Objective type questions. All questions are compulsory. (10x1=10)

- Q.11 Fitting tools are _____?
- Q.12 L.D.P.E stands for _____?
- Q.13 Check valve is also called _____?
- Q.14 The lowest point on the interior of a drain pipe where the liquid in deepest is called _____?
- Q.15 _____ in the cheapest pipe which is light in weight
- Q.16 Heat always moves from _____ to lower temperature
- Q.17 Cesspool is a _____
- Q.18 In a mixing tap, cold water connection is given to _____ of user
- Q.19 Laying of water pipe is simple in case of _____ method
- Q.20 Rcc pipe are joined by _____.

SECTION-C

Note: Short answer type questions. Attempt any twelve questions out of fifteen questions. (12x5=60)

- Q.21 Define plumber, Explain the skills required for plumber.
- Q.22 Write the rules to be followed for designing and installing plumbing system
- Q.23 Enlist the names of different type of pipe used in conveyance of water.

- Q.24 Give the advantage and disadvantage of HDPE pipes.
- Q.25 Write in detail about fire hydrants.
- Q.26 Define septic tank any why it is provided.
- Q.27 Enlist any five advantages of one pipe system over two pipe system?
- Q.28 Give detail about heat transfer?
- Q.29 Write in detail about the modes of heat transfer?
- Q.30 Define plumber, Explain the skill required for plumber.
- Q.31 Explain the system of water supply.
- Q.32 Name the various operation to be followed while laying underground pipes
- Q.33 What are the cause of braking of seals
- Q.34 Define manhole, where they are provided
- Q.35 Explain the solar water heater.

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. (2x10=20)

- Q.36 Explain working and provision of different types of valve
- Q.37 Write a note on :-
 - a) Conduction
 - b) Convection
- Q.38 Explain various types of wash basin