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**5th Sem. / Civil  
Subject : Plumbing Services**

Time : 3 Hrs.

M.M. : 100

**SECTION-A**

**Note: Multiple type Questions. All Questions are compulsory. (10x1=10)**

Q.1 Stop valve is also known as  
a) Gate valve      b) Air Relief Valve  
c) Globe valve      d) Needle valve

Q.2 The tools which are used for holding the pipes in plumbing operation are called  
a) Cutting tool      b) Holding tool  
c) Fitting tool      d) Bending tool

Q.3 Dead end method of distribution water is also called  
a) Tree system      b) Grid Iron system  
c) Ring system      d) Rodial system

Q.4 The capacity of the cistern in a flush toilet usually varies between.  
a) 10-15      b) 5-15  
c) 20-25      d) 25-30

Q.5 The heat from sun reaches the earth through \_\_\_\_\_ mode.  
a) Radiation      b) Conduction  
c) Both of the above      d) None of these

Q.6 Bell and Spigot Joint is mostly provided for  
a) Cast iron pipe      b) RCC Pipe  
c) Cement Concrete pipe d) Copper Load pipe

Q.7 Bell and spigot joint is mostly provided for  
a) Cast iron      b) RCC pipe  
c) Cement concrete pipe d) Copper & lead pipe

Q.8 GI pipes are joining  
a) Easy      b) Difficult  
c) Very hard      d) None of these

Q.9 Ferrule is made of  
a) Brass      b) Bronze  
c) Both of these      d) None of these

Q.10 Drainage system works under  
a) Gravity      b) Pressure  
c) Flow      d) Volume

**Section-B**

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

Q.11 In Bench vice one Jaw is \_\_\_\_\_ and other is \_\_\_\_\_.

(1)

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(2)

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Q.12 The Proses of supplying water to the consumer is called as \_\_\_\_\_.

Q.13 Storage tanks are generally proffered for \_\_\_\_\_.

Q.14 The minimum size trap for residential sink is \_\_\_\_\_.

Q.15 Indian toilet is a type Y toilet called \_\_\_\_\_.

Q.16 Heat flous from one point to other if there is \_\_\_\_\_ temperature.

Q.17 \_\_\_\_\_ in the cheapest pipe which is light in weight.

Q.18 A toilet is also known as \_\_\_\_\_.

Q.19 Scour valve are provide at \_\_\_\_\_.

Q.20 Impeller is provided in \_\_\_\_\_ pump.

### Section-C

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

Q.21 Define plumber, Explain the skill required for plumber.

Q.22 Write the advantages and disadvantages of P.V.C. pipe.

Q.23 What is rain water harvesting? Explain.

Q.24 Write a short note on cesspool.

Q.25 Explain mixing tap.

Q.26 Write in details about the modes of heat transfer.

Q.27 Write in detail about fire hydrants.

Q.28 Define septic tank any why it is provided.

Q.29 Describe the various source of water subtly schemes?

Q.30 Explain reciprocating pump with diagram.

Q.31 Explain the geyser.

Q.32 What is domestic hot water supply system.

Q.33 What drop manhole and its function.

Q.34 Explain the construction, working of expansion joint.

Q.35 Write note on distribution reservoir.

### Section-D

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

Q.36 Explain dead end system of water supply distribution with sketch and also give its advantage and disadvantage.

Q.37 Explain two pipe system with diagram.

Q.38 Explain the process of pipe bending.