

MODEL QUESTION PAPER

PLUMBER (TYPICAL)

1. **Infrared or ultrasonic detector which operate an electrically operated solenoid valve and timer in place of flush valve in urinal is** ☐
a) Auto flash b) Robot flash c) Magic eye d) Special sensor
2. **Find the rate of discharge of a pipe whose diameter is 4m and the velocity of water is 10m/s** ☐
a) 31.4 m³/s b) 125.6 m³/s c) 314 m³/s d) 502.4 m³/s
3. **A device that removes debris from a pipe system is** ☐
a) Debris device b) Strainer c) Spring check d) Stop and waste
4. **The daily per capita demand of water is _____** ☐
a) 100 l b) 135 l c) 150 l d) 125 l
5. **If the pH value of water is 8, then it is** ☐
a) Alkali b) Acidic c) Neutral d) None of a, b or c
6. **In a pump, if the available suction head is less than the vapour pressure, which of the following condition will occur** ☐
a) Water hammer b) Cavitation
c) Surge d) none of these
7. **At what temperature is the density of water maximum?** ☐
a) -273°C b) 0°C c) 4°C d) 100°C
8. **The main difference between a high pressure float operated valve and a low pressure float operated valve is:** ☐
a) The size of the ball float
b) The size of the valve body
c) The size of the seating orifice
d) The size of the lever arm
9. **How many litres would be contained in a tank with a volume of 2.76 m³** ☐
a) 27.6 b) 276 c) 2760 d) 27600
10. **When running a hot water pipe through a wall it should be sleeved to** ☐
a) Allow for thermal movement of the pipe
b) Allow for thermal movement of the wall
c) Allow settlement of the building
d) Make maintenance easier