Class: VII   **Subject: Science**   **Chapter: Wastewater Story**

Q.1. Define:
a) Sewers
b) Sewage
c) Contaminants
d) Sludge

Q.2. Fill in the blanks:
a) Vermi-composting toilets use _____ to treat human waste.
b) The full form of WWTP is _____.
c) Poor sanitation is crowded public places can result in spread of _____.
d) Untreated human excreta is a _____ hazard.
e) Wastewater released by houses is called _____.

Q.3. Multiple Choice Questions:
a) Chlorine is used in municipal water treatment plant to
   (i) change the teste of water
   (ii) prevent evaporation
   (iii) kill the harmful microorganisms
b) The system of a network of pipes used for taking away wastewater from homes or public buildings to the treatment plant is known as:
   (i) sewers
   (ii) sewerage
   (iii) transport system
c) Which of the following is a part of inorganic impurities of the sewage?
   (i) Pesticides
   (ii) Urea
   (iii) Phosphates
d) In sewerage main holes are located at every
   (i) 20-25 m
   (ii) 50-60 m
   (iii) 90-100 m

Q.4. State whether the following statement is true or false.
a) Sewage is a solid waste which causes water pollution and soil pollution.
b) Tuberculosis is a water-borne disease.
c) Aerobic bacteria produces biogas sludge in the digester tank.
d) We should not defecate is open because untreated human waste is a health hazard.
e) Poor sanitation and contaminated drinking water is the cause of a large number of diseases.

Q.5. **Short Questions Answers:**

a) The Eucalyptus trees are planted along sewage ponds. Give reason.

b) Bleaching powder is mixed in water, why? Think and give appropriate reason for it.

c) Observe the given figure and answer the following:
   (a) What does this figure show?
   (b) State the functions of each part of the figure?