



VIDYA BHARATI SCHOOL
OLYMPIAD WORKSHEET: February 2016
GRADE: VII
SUBJECT: SCIENCE

1. The light materials which float during waste water treatment is:
 - a. sludge
 - b. scum
 - c. sewerage
 - d. biogas

2. Which of the following is produced during waste water treatment?
 - a. Sludge
 - b. Both sludge and biogas
 - c. biogas
 - d. none of these

3. Contaminated water disease is
 - a. Gastroenteritis
 - b. Flu
 - c. Malaria
 - d. None of these

4. Which of the following is a part of waste water treatment plant?
 - a. Clarifier
 - b. Vertical bars
 - c. aeration tank
 - d. all of these

5. Which of the following is traditional way to conserve water?
 - a. Tube wells
 - b. *Baawris*
 - c. Rainwater harvesting
 - d. None of These

6. Activate sludge is about _____ water.
 - a. 10%
 - b. 25%
 - c. 79%
 - d. 97%

7. Which of the following trees should be grown nearby sewage ponds?
 - a. Eucalyptus trees
 - b. Ashoka trees
 - c. Mango trees
 - d. Banana trees

8. Which of the following is an example of low cost onsite sewage disposal system?
 - a. septic tanks
 - b. chemical toilets
 - c. composting pits
 - d. all of these

9. Sewage is a _____ waste which causes water and soil pollution.
 - a. solid
 - b. gaseous
 - c. liquid
 - d. all of these

10. Which microbe is used to decompose sludge into bio gas?
 - a. anaerobic bacteria
 - b. aerobic bacteria
 - c. algae
 - d. fungi

11. The covering of large trees that serve as a roof to shelter an area or other plants in forests is called _____.
- a. Canopy
 - b. carnival
 - c. crown
 - d. none of these
12. Which of the following is the traditional way to conserve water?
- a. Tube-wells
 - b. rain water harvesting
 - c. bawaris
 - d. none of these
13. The process of seeping of ground water into the ground is:
- a. evaporation
 - b. infiltration
 - c. transpiration
 - d. none of these
14. Which type of mirror is used in a periscope?
- a. convex mirror
 - b. concave mirror
 - c. Plane mirror
 - d. none of these
15. Primary colours are consist of
- a. cyan, Magenta, yellow
 - b. black, yellow, white
 - c. red, green, blue
 - d. red, yellow, blue
16. The unit to measure electric resistance is
- a. joule
 - b. ohm
 - c. ampere
 - d. volt
17. Which one is the safety device in electronic appliances?
- a. fuse
 - b. connecting wires
 - c. resistors
 - d. battery
18. Hydra reproduces by
- a. Fragmentation
 - b. spores
 - c. budding
 - d. pollination
19. Male reproductive part of a flower is:
- a. stamen
 - b. pistol
 - c. root
 - d. stem
20. The fluid part of blood is called:
- a. RBC
 - b. Plasma
 - c. haemoglobin
 - d. WBC