

**AL KHOZAMA INTERNATIONAL SCHOOL,DAMMAM**

**Affiliated to CBSE – New Delhi, No:5730019**



**WORKSHEET -2 (Ev-2)**

**GRADE: VIII**

**SUBJECT: SCIENCE**

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**I. Choose the correct answer**

**(1 x 19)**

1. Which microorganism is responsible for making curd?

- (a) Virus
- (b) Lactobacillus
- (c) Protozoa
- (d) Megaterium

2. A layer forms around aluminium objects during monsoon season. What is the color of this layer?

- (a) Brown
- (b) Black
- (c) Red
- (d) White

3. Substances which catch fire very easily is called \_\_\_\_\_.

- (a) Inflammable
- (b) Flammable
- (c) Rapidly burning
- (d) Spontaneously burning

4. When a parent organism produces an outgrowth which develops into an individual, this type of reproduction is called.

- (a) Binary fission
- (b) Internal fertilization
- (c) Budding
- (d) Viviparous

5. What is the process by which polymers are made from monomers called?

- (a) Polymerization
- (b) Isomerism

(c) Addition reaction

(d) Substitutions reaction

6. \_\_\_\_\_ is the part of the ear that vibrates on receiving sound waves from external ear.

(a) Outer Ear

(b) Inner Ear

(c) Ear drum

(d) Pinna

7. If 2 mirrors are kept at an angle of 60 degrees, how many images will be formed?

(a) 5

(b) 3

(c) 9

(d) 1

8. The sound wave travels slowest in \_\_\_\_\_.

(a) Solid

(b) Liquid

(c) Gel

(d) Gas

9. The transformation of a larva into an adult through a series of changes in body structures is called \_\_\_\_\_.

10. Humans can hear sounds that have a frequency more than \_\_\_\_\_ Hz.

11. Humans can hear sounds that have a frequency less than \_\_\_\_\_ Hz.

12. The pitch of the voice of women is \_\_\_\_\_ than men.

13. Microorganisms are very important for the continuity of \_\_\_\_\_ on the earth.

14. When a ray of light passes from air to water, it \_\_\_\_\_ from its original path.

15. \_\_\_\_\_ consists of many repeating units of the monomer glucose.

16. The SI Unit of measuring frequency of sound is \_\_\_\_\_.

17. The full form of DNA is \_\_\_\_\_.

18. Chickenpox is caused by \_\_\_\_\_.

19. Highly reactive metals like \_\_\_\_\_ react with bases to produce salt and hydrogen gas.

**II. Answer the following in a word or sentence.**

**(1x6)**

20. Write the full form of PET. Mention one use of it.

21. If a piece of burning coal is covered with a tumbler, what will happen?

22. What do saprophytic microorganism do?
23. Which properties of nylon make it a suitable material for making stockings?
24. Why is terylene a material of choice for making fabrics?
25. Name any five combustible substances?

**III. Answer the following questions in two to three sentences (2x5)**

26. What is sound? Is material medium is necessary for the propagation of it?
27. How are waves in water and sound waves similar?
28. What is the role of rhizobium?
29. What happens when zinc granules are added to a solution of iron Sulphate?
30. What is fertilization? State the difference between internal and external fertilization.

**IV. Answer the following questions in four to five sentences (3x4)**

31. Why are blended fibers better than natural or synthetic fibers?
32. What will happen if iron nails are placed into a solution of magnesium Sulphate?
33. How does the ear drum help us in hearing sound? Which parts of the human body are used to produce sound?
34. With the help of a neat ray diagram, show the reflection of light from a plane mirror. Mark the incident ray, reflected ray, and normal. Also mark the angle of incidence and angle of reflection? What is the relation between angle of incidence and angle of reflection?

**V. Answer the following question in detail. (4x3)**

35. How do algae help aquatic animals? Explain in brief.
36. What are the conditions of combustions? Explain in brief.
37. What do you mean by oviparous and viviparous in animals? Write the two advantages and disadvantages of oviparous and viviparous animals.

**VI. Assertion reason type questions. (1x4)**

- a. Both A and R are true and R is the correct explanation of A
- b. Both A and R are True but R is not correct explanation of A
- c. A is true but R is false.

d. A is false but R is true.

38. **Assertion:** Microorganisms are very important for the sustenance of life on the earth.

**Reason:** We depend on them to grow plants, make food and medicines, and digest our food.

39. **Assertion:** Both synthetic fibers are polymers

**Reason:** synthetic fibers are less biodegradable than natural fibers

40. **Assertion:** Malleability is the ability of metals to be beaten into thin sheets

**Reason:** Ductility is the property of the non-metal to be drawn into wire

41. **Assertion:** Combustible substances burn below ignition temperature

**Reason:** Substances catches fire at it ignition temperature

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