

# NEW AL WUROOD INTERNATIONAL SCHOOL, JEDDAH

Affiliated to CBSE – New Delhi, Affiliation No. 5730008



FIRST TERM EXAMINATION - June 2022-23

WORKSHEET NO 2

GRADE: 6

SUBJECT: SCIENCE

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1. How do the features of reproduction and response to stimuli differentiate humans from abiotic components?
  2. Circle the odd component of an environment.  
A) Mango trees                      B) Bacteria                      C) Sunlight                      D) Hippopotamus
  3. Can a mountain tree, such as pine, grow well in the desert? Why/ Why not?
  4. How do microorganisms living in soil help producers like plants?
  5. Fill in the blanks with the words in the brackets:  
A) Temperature is one of the \_\_\_\_\_ (biotic/abiotic) components of an environment.  
B) Fungi are \_\_\_\_\_(biotic/abiotic) components.
  6. Write one way in which animals help plants?
  7. How do plants depend on animals for survival and reproduction?
  8. How do abiotic components like water influence the climate of a habitat? Explain using the example of a hot desert.
  9. Drought is a long period in which an area receives very little or no rainfall. How does the absence of rainfall affect the condition of the soil in a drought-affected area?
  10. Write two ways each in which:  
A) Plants depend on soil for survival:  
B) Animals depend on water for survival:
  11. Write true or false:  
A) Plants need sunlight to make food.  
B) Animals can live without drinking water.  
C) Synthetic fibers like nylon is very strong.
  12. Write 2 ways to protect the quality of soil in a habitat.
  13. Write 2 features that make air different from a plant.
  14. Write an example of how classifying objects according to their luster is useful.
  15. Floors of houses are made with polished marble and not with unpolished rock. How is classifying objects based on texture useful using this example?

**16.** Which of these things will settle at the bottom of the glass after making a lemon drink?

A) Sugar   B) Lemon juice   C) Lemon seeds

**17.** How is butter paper different from a newspaper in terms of transparency?.

**18.** Tick the pairs of substances which do not mix with each other.

A) Sugar and water

B) Wood dust and water

C) Kerosene and water

D) Oxygen and water

**19.** Which type of material is best suited to make sunglasses, transparent or translucent?

**20.** Arrange the materials in increasing order of their transparency, Wood, Clear glass, Butter paper.

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