

# SCHOOL-BASED ASSESSMENT (SBA) - 2025

## END-OF-YEAR ASSESSMENT

SUBJECT: SCIENCE

GRADE-5

FINAL TERM

[Paper A: 50 Marks, Paper B: 50 Marks, Total: 100 Marks], Time = 3 hours

School Name: \_\_\_\_\_

Student Name : \_\_\_\_\_

Roll Number : \_\_\_\_\_

Section : \_\_\_\_\_

### OBJECTIVE PART(MCQs)

**Question No.1 :** The organisms belonging to kingdom monera are made up of \_\_\_\_\_ cell(s).

- (a) one (b) two (c) three (d) four

**Question No.3 :** Mangroves are planted to protect endangered animals, in which areas do they grow?

- (a) Polar (b) Hilly (c) Coastal (d) Dry

**Question No.5 :** Microorganisms used to make an antibiotic are called:

- (a) algae (b) bacteria (c) virus (d) lichen

**Question No.7 :** Which of the following is a part of carpel?

- (a) Stamen (b) Anther (c) Filament (d) Ovary

**Question No.9 :** The pollution caused by non-biodegradable materials can be reduced by:

- (a) using 4R strategy (b) using 3R strategy  
(c) using non-recycled material (d) using polythene bags

**Question No.11 :** When a liquid is heated, the movement of its particles becomes:

- (a) stagnant (b) faster (c) slower (d) remains same

**Question No.13 :** Which of the following is the artificial source of light?

- (a) Sun (b) Star (c) Firefly (d) Candle

**Question No.15 :** For maximum reflection which type of surface should be used?

- (a) Rough (b) Hard (c) Soft (d) Shiny

**Question No.17 :** An example of a device which converts electrical energy into light energy is:

- (a) fan (b) battery (c) generator (d) bulb

**Question No.19 :** Which of the following is the major source of water on the Earth?

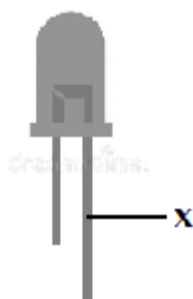
- (a) River (b) Stream (c) Mountain (d) Glacier

**Question No.21 :** NASA is used to help us by:

- (a) production of vehicles (b) exploring natural resources  
(c) developing new technologies (d) providing food

**Question No.23 :** The labelled part "X" of the LED shown in the given image is:

- (a) negative  
(b) positive  
(c) neutral  
(d) partially charged



**Question No.2 :** Which feature distinguishes invertebrates from vertebrates?

- (a) Fins (b) Backbone (c) Gills (d) Claws

**Question No.4 :** Organisms that we can NOT see with our naked eyes are called:

- (a) producers (b) consumers (c) microorganisms (d) decomposers

**Question No.6 :** The type of reproduction in which male and female parts of the plant are involved is:

- (a) sexual (b) budding (c) asexual (d) cutting

**Question No.8 :** Which type of pollution is caused by sewage and waste from factories?

- (a) Water (b) Air (c) Land (d) Noise

**Question No.10 :** What kind of change occurs when sugar is dissolved in water?

- (a) Physical (b) Chemical (c) Thermal (d) Irreversible

**Question No.12 :** As the distance from the source of the sound increases, the intensity of the sound will:

- (a) increase (b) decrease (c) remain same (d) become zero

**Question No.14 :** In which medium speed of sound is maximum?

- (a) Metal (b) Water (c) Vacuum (d) Air

**Question No.16 :** Lightening is a type of:

- (a) electromagnetism (b) static electricity  
(c) electric current (d) solar electricity

**Question No.18 :** The main component of electric circuit which provide power is:

- (a) wire (b) bulb (c) switch (d) battery

**Question No.20 :** If You want to grow winter vegetables in your garden, which type of soil would you use for better growth?

- (a) Silt (b) Clay (c) Sand (d) Rocky

**Question No.22 :** How many moons does Jupiter have?

- (a) 78 (b) 79 (c) 80 (d) 81

**Question No.24 :** A surface is perfectly horizontal using spirit level when the bubble is at:

- (a) center (b) top (c) bottom (d) right

**Question No.25 : The voltage required for an LED light to glow is:**

- (a) 20 to 25 Volts                      (b) 2 to 3 Volts  
(c) 5 to 6 Volts                         (d) 10 to 20 Volts
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### **SUBJECTIVE PART(CRQs)**

**Question No: 26**

- a ) What is meant by classification of living things? (2 Marks)  
b ) Write any two differences between monocot and dicot plants.(4 Marks)  
c ) What is biodiversity? Write any two steps that are being taken to conserve biodiversity. (4 Marks)

**Question No: 27**

- a ) Write any two causes of water pollution. (2 Marks)  
b ) What are the effects of releasing greenhouse gases in the air? (4 Marks)  
c ) Write four ways to reduce pollution caused by non-biodegradable materials. (4 Marks)

**Question No: 28**

- a ) What are transparent objects? (2 Marks)  
b ) Enlist four examples of transparent objects. (4 Marks)  
c ) Write any two differences between transparent and opaque objects. (2+2=4 Marks)

**Question No: 29**

- a ) What is meant by satellite? Write the names of the types of satellites? (3 Marks)  
b ) What are artificial satellites and How do they work? (3 Marks)  
c ) How we can locate the position of an object on the Earth's surface? (4 Marks)

**Question No: 30**

- a ) What is meant by first aid? Write any one use of the first aid box. (2+1=3 Marks)  
b ) Write three measures we should follow during an earthquake. (3 Marks)