

**SUMMATIVE EVALUATION – II**  
**MARCH 2026**

**Grade: VI – English Medium**  
**Subject Code: 6SCIENG**  
**Date:**  
**No. of Questions: 31**

**Marks: 50**  
**Subject Name: Science**  
**Duration: 120 Minutes**  
**No. of Pages: 04**

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**General Instructions:**

1. All Questions are compulsory.
2. Only answers are required to be written for all questions.
3. This question paper contains 20 Mark MCQ type and 30 Marks Subjective type questions.

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**Choose and write the most correct alternative from those provided below each statement**  
**(1mark x 20 = 20 Marks)**

- 1 The SI unit of temperature is \_\_\_\_\_.  
A) Celsius  
B) Fahrenheit  
C) Kelvin  
D) None of the above
  
- 2 Why should we always filter water before drinking?  
A) To make it look clean  
B) To protect our health and to avoid diseases  
C) To waste time  
D) None of the above
  
- 3 What would be the best way to describe a bright comet with a long tail seen across the sky?  
A) A star explosion  
B) A spaceship  
C) A moving icy rock reflecting sunlight  
D) None of the above
  
- 4 What will happen if sunlight does not reach the Earth?  
A) Animals will grow faster  
B) Earth will become dark and cold  
C) Plants will make more food  
D) None of the above
  
- 5 We should teach others about the water cycle \_\_\_\_\_  
A) So that everyone can waste less water and respect nature  
B) To form clouds faster  
C) To impress others  
D) None of the above

- 6 The top layer of the Earth that supports plant growth is \_\_\_\_\_
- A) Rock
  - B) Gravel
  - C) Soil
  - D) None of the above
- 7 Nita saw smoke coming out of the factories near a river. After a few days fishes died in that river. What might be the reason?
- A) Too much oxygen in the water
  - B) Fish stopped eating
  - C) Water became polluted
  - D) None of the above
- 8 Ajay kept a potted plant in a dark room for some days. The plant looked weak and yellow. What conclusion can be made?
- A) Plants need air
  - B) Plants need sunlight for photosynthesis
  - C) Darkness is good for plants
  - D) None of the above
- 9 A school wants to save rainwater, which idea best supports rainwater harvesting?
- A) Painting the school roof white
  - B) Building tanks to store roof water
  - C) Installing taps everywhere
  - D) None of the above
- 10 If Earth had 2 moons, which of these might happen?
- A) We might see two shadows at night
  - B) There would be no night
  - C) There would be no tides
  - D) None of the above
- 11 If Petrol is a non-renewable resource, which is the most creative way to save it for the future?
- A) leave the car engine ON while waiting for someone.
  - B) Store it at home in a plastic bottle.
  - C) Use bicycle for short trips
  - D) None of the above
- 12 The thermometer used to measure air temperature is \_\_\_\_\_.
- A) Digital Thermometer
  - B) Room Thermometer
  - C) Laboratory Thermometer

- D) None of the above
- 13 Why must we all learn about methods of separation?  
A) It helps us to connect science to everyday tasks  
B) To keep ourselves busy  
C) To care for our surrounding  
D) None of the above
- 14 High humidity in the air means  
A) Air contains less water vapour  
B) Air contains more water vapour  
C) Air is dry  
D) None of the above
- 15 Which constellation helps people find the direction north at night?  
A) Orion  
B) Ursa minor  
C) Ursa major  
D) None of the above
- 16 How can we as students help protect nature's treasures?  
A) Burn plastic  
B) Dispose waste in rivers  
C) Waste water and electricity  
D) None of the above
- 17 We should never use someone else's thermometer without cleaning as\_\_\_\_  
A) It gives wrong reading  
B) It can spread germs  
C) It may break easily  
D) None of the above
- 18 What is the principle involved in the use of Sieve?  
A) Difference in density  
B) Difference in magnetic property  
C) Difference in size of component  
D) None of the above
- 19 Which of the following shows response to stimulus?  
A) Mimosa  
B) Indian gooseberry  
C) Sunflower  
D) All of the above

- 20 In which stage does the frog have a tail and legs?  
A) Eggs  
B) froglet  
C) Adult  
D) None of the above

**Answer the following questions.**

**(3 x 2 marks = 6 Marks)**

- 21 If rainfall stopped for one year, which steps of water cycle would be affected the most? Explain.
- 22 Rohan accidentally broke a mercury thermometer while checking his brother's temperature. What action needs to be taken by Rohan and why?
- 23 What is condensation? Describe a real-life situation where you observe it.

**Answer the following questions.**

**(8 x 3 marks = 24 Marks)**

- 24 If you could visit any one planet which planet would it be and why? Give reasons.
- 25 If you were the Prime Minister of a country facing fossil fuel shortage, what three steps would you take?
- 26 Zahra has many stagnant water containers during rainy season. Using your knowledge about life cycle of mosquito, explain why this is dangerous and give two steps his family should take.
- 27 If you had to design a modern winnowing machines for farmers that works even without wind, what features would you add? How would it help the farmers?
- 28 You are asked to design a safety poster for your school lab. Write a short message explaining how to handle a laboratory thermometer safely.
- 29 A vendor uses an earthen pot to keep water cool. Rahul asks him why the pot feels wet from outside. How do you feel the vendor might have explained this to Rahul?
- 30 Imagine that you are seed planted in the soil. Describe what happens to you during germination.
- 31 Imagine you are lost on a camping trip and must make muddy river water useable. Describe the steps you would take using atleast two methods of separation.

