



INDIAN SCHOOL SOHAR
TERM - I EXAM (2022-23)
SUBJECT: SCIENCE
CLASS – V

SET –B

Date of Exam: 18-09-22

Time Allotted: 2 hours

Max. Marks: 40

(Note: This question paper consists of 4 printed pages. Please check that you have all the pages.)

Q1. Choose the correct option:

1×10=10

- Suggest right food to keep our digestive system clean.
 - rice and wheat
 - eggs and meat
 - fruits and vegetables
 - butter and ghee
- _____ is the softest mineral.
 - topaz
 - talc
 - bauxite
 - zinc
- Ramu's crops were growing well but he was not able to get good production as most of the crops got destroyed due to insect attack. Choose the agricultural practice he must have missed?
 - irrigation
 - ploughing
 - spraying pesticides
 - adding fertilizers
- Choose the statement that best describes matter?
 - no mass but occupies space
 - has mass but occupies no space
 - has mass and occupies space
 - no mass and occupies no space
- Formation of water droplets on the surface of cold drink bottle is perfect example of which of the following phenomenon
 - condensation
 - evaporation
 - melting
 - solidification
- Which of the following can be used to make manmade magnet?
 - gypsum
 - nickel
 - mica
 - calcite

7. Choose the breathing organs of a of insects.
- | | |
|--------------|----------|
| a. lungs | b. skin |
| c. spiracles | d. gills |
8. Ramu wants to practice farming in hilly regions, which type of farming would you suggest?
- | | |
|-----------------|---------------------|
| a. step farming | c. dairy farming |
| b. land farming | d. rotation farming |

Study the two statements labelled as Assertion (A) and Reason (R). Choose the correct answer from the options given below

9. A– Communicable diseases can be prevented by maintaining good personal and community hygiene.

R – Malaria is spread by mosquito bite.

- (a) Both assertion (A) and reason (R) are true and reason (R) is the correct explanation of assertion (A).
- (b) Both assertion (A) and reason (R) are true but reason (R) is not the correct explanation of assertion (A).
- (c) Assertion (A) is true but reason (R) is false.
- (d) Assertion (A) is false but reason (R) is true.

10. A– Frogs can breathe both with lungs and skin.

R – Frogs are amphibians.

- (a) Both assertion (A) and reason (R) are true and reason (R) is the correct explanation of assertion (A).
- (b) Both assertion (A) and reason (R) are true but reason (R) is not the correct explanation of assertion (A).
- (c) Assertion (A) is true but reason (R) is false.
- (d) Assertion (A) is false but reason (R) is true.

II. Answer the following questions according to the given instructions. (2×6=12)

Q1. Write any two differences between Coal and petroleum.

OR

Q1. Write any two differences between Communicable and Non- communicable diseases.

Q2. Define the following terms.

Q3. Give 2 reasons - Liquids take shape of the container they are poured into.

OR

Q3. Give 2 reasons – Sedimentary rocks are formed in layers.

Q4. Classify the given phenomenon into physical and chemical changes.

- (a) melting
- (b) cooking
- (c) solidification
- (d) digestion

Q5. Explain any 2 uses of minerals.

Q6. Rizvan is experiencing loss of appetite and weight, high fever, chills, weakness, chest pain, night sweats, continued cough and weakness. Try to identify Rizvan's type of disease and suggest the treatment.

OR

Q6. Rita is looking weak and pale; she gets tired easily. Try to identify her problem and suggest right food supplement she must include in her diet.

III. Answer the following questions.

(3×6=18)

Q1. Read the passage and answer the following questions-

Adaptations are the special features that help an animal live and survive in certain places or habitats. There are three kinds of animal adaptations: Behavioral, Physical, and Life Cycle.

A behavioral adaptation is something an organism does, a behavior it performs to help it survive. A common animal adaptation is migration, when animals travel to a different place so it can find food and survive. Migration usually takes place in the winter.

A physical adaptation is a physical part of an organism that helps it survive. The fur on a bear is an example, because it is part of the bear's body structure and helps keep it warm during cold weather.

A life cycle adaptation is a process an animal goes through to help it survive. Before becoming a frog, the tadpole first hatched from an egg, which was laid by an adult frog. Atlantic salmon spend their early phase in rivers before traveling or migrating to sea to grow and mature. To complete their life cycle they must return to their river of origin to release new eggs.

In summary, whether it is a physical, behavioral, or life cycle adaptation, the environment an animal life usually has an effect on the adaptation. All of the adaptations help an animal survive, scare off predators, or communicating with others.

- a. How adaptations help animals?
- b. List any two different types of adaptations you understand from the passage.

c. Explain life cycle adaptation with any one example.

Q2. Define health and what are the essential things for staying healthy.

Q3. Draw and describe arrangement of particles in different states of matter.

Q4. Name and describe any three types of solutions with one example each.

Q5. (a) What is expansion?

(b) Explain any one application in our daily life?

(c) What causes of expansion?

Q6. How are Igneous rocks formed? (3 points)
