

INTERNATIONAL INDIAN SCHOOL-DAMMAM

SUMMATIVE ASSESSMENT-II MARCH-2014

SUBJECT: GENERAL SCIENCE

TIME: 3 Hrs

CLASS: VI

MAX MARKS: 90

SET – A

GENERAL INSTRUCTIONS

1. Total number of questions is 48. All questions are compulsory.
2. There is no overall choice. However internal choices have been provided in section D and E. Only one option in such question to be attempted.

SECTION----A

(15x 1 =15M)

Q 1 to 15 is multiple choice questions (MCQ) carrying 1 mark each. You are to select most appropriate response out of the four provided to you.

1. The presence of air around can be proved by_____.
(a) Smelling it (b) Seeing it (c) Its color (d) Feeling it when moves
2. A device which converts chemical energy to electrical energy is_____.
(a) An electric cell (b) An electric bulb (c) An electric switch (d) An electric plug
3. A natural magnet is _____.
(a) Bar magnet (b) Magnetite (c) Horse shoe magnet (d) None of these
4. _____ is an insulator.
(a) Aluminum (b) Copper (c) Human body (d) Air
5. Clear water is _____.
(a) Transparent (b) Translucent (c) Opaque (d) None of these
6. Light always travel in _____.
(a) Zig- Zag path (b) Straight path (c) Circular path (d) None of these
7. Impurities present in water can be separated by using_____.
(a) Threshing (b) Winnowing (c) Sieving (d) Filtration

8. The place where an organism live is called_____.

- (a) Habitat (b) Environment (c) Adaptation (d) Habits

9. Two major components of air are_____.

- (a) Nitrogen and carbon –di-oxide gas (b) Nitrogen and water vapour (c) nitrogen and oxygen

(d) Oxygen and carbon –di- oxide

10.The component of air used by green plants to make their food is_____.

- (a)Nitrogen (b) Oxygen (c) Hydrogen (d) Carbon-di-oxide

11.A mixture of coconut oil and water can be separated by_____.

- (a) Filtration (b) Handpicking (c) Decantation (d) Churning

12. The process of manufacturing food by green plants is _____.

- (a) Respiration (b) Growth (c) Photosynthesis (d) Excretion

13.If you stand facing east direction then, your left hand will point in _____.

- (a) North (b) South (c) West (d) East

14. Reflection takes place from_____.

- (a) smooth, polished surfaces (b) smooth ,rough surfaces (c) irregular surfaces

(d) None of these

15.The dust particles are prevented from getting into respiratory system by_____.

- (a) Nostril holes (b) Mucus (c) Nose hairs (d) both (b) and (c)

SECTION—B

(10 X1= 10M)

Q:16 to 25 are very short answer type questions carrying 1 mark each. Answer them in a word or a sentence.

16. _____reflection gives us clear image.

17. Name any two natural sources of light.

18. Name two non- living things showing some features of living things.
19. Magnetic strength is maximum in the middle of a bar magnet(state true or false. If the statement is wrong. Write the correct statement)
20. What is the direction of flow of current in an electric circuit?
21. Name the method used to separate components of a mixture of an insoluble solid and a liquid.
22. Water vapour in air is important for _____ in nature.
23. Name the solution in which no more of a substance can be dissolved.
24. Another name for touch –me-not plant.
25. Name the materials which allow the electric current to pass through them.

SECTION—C

(10X 2 =20M)

Q:26 to 35 are very short answer type questions carrying 2 mark each. Answer them in a one or two sentence.

26. Which method of separating tea leaves from prepared tea is better ?Decantation or filtration and why?

27(a) Name the respiratory parts of (i) earthworm (ii) fish

(b) Define terrestrial habitats.

28(a) Define the term luminous bodies.

(b) What is the nature of the image formed by the pinhole camera?

29.(a) What is magnetite? What is it made up of?

(b) Where are the poles of a bar magnet located?

30. Why do mountaineers carry oxygen cylinders with them while climbing high mountains?

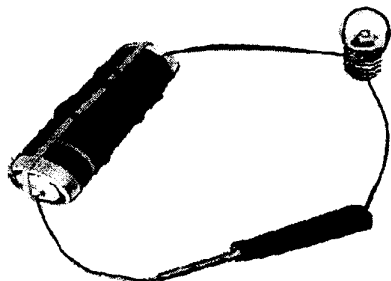
31. How are we able to see the objects?

32. Match the following:

- | | |
|-------------|-----------|
| 1. Rubber | Conductor |
| 2. Filament | Insulator |

3. Iron nails two terminals
4. Electric cell thin wire in the bulb

33. Explain why the bulb will not glow in the arrangement shown below?



Q34. State and explain two important properties of magnets.

Q35 (a). What is an electric switch?

(b) How is electricity produced in an electric cell?

SECTION -D

(3 x 10 = 30M)

Q:36 to 45 are very short answer type questions carrying 3 mark each. Answer them in a 4-5 sentences.

Q36. Draw a neat diagram showing the percentage composition of air.

Q37. How is the oxygen in the atmosphere replaced?

Q38. Differentiate between TRANSPARENT and TRANSLUCENT OBJECTS with two examples of each.

Q39. (a) What are shadows and how are they formed?

(b) How the direction of light can be changed?

Q40. List the common characteristics of living organisms.(Any six)

Q41. Why do we need to separate different components of a mixture?

Q42. (a) Define the biotic and the abiotic components.

(b) What is stimulus?

Q43. How do you obtain salt from sea water?

Q44. Conductors and insulators are equally important to us. Explain.

Q45. Write a short note on the construction of a magnetic compass.

SECTION—E

(5×3 =15M)

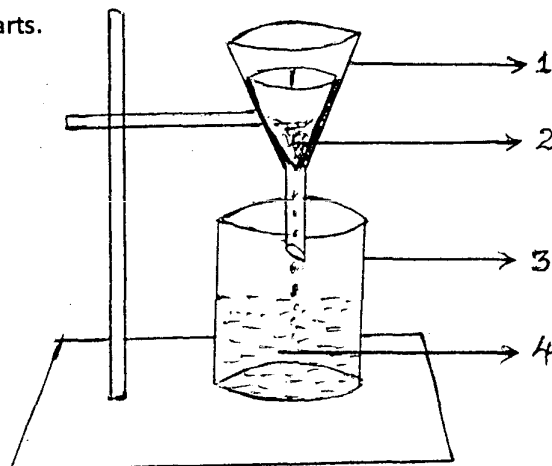
Q:46 to 48 carrying 5 mark each. Answer them as directed.

Q46. (a) Write a short note on respiration. (3M)

(b) Dolphins and whales have blowholes to breathe in air. Justify the statement. (2M)

Q47. (a) (i) Identify the process of separation shown in the figure. (2M)

(ii) Label the parts.



(b) Name the processes used for separating a mixture of salt, sand, and water. (2M)

(c) Define evaporation. (1M)

OR

Q47 (a). How clear water can be obtained from a sample of muddy water? (3M)

(b) What is sieving and where is it used? (2M)

Q48. (a) Write the importance of (3M)

(i) Air dissolved in water.

(ii) Air in the soil.

(b) Write four properties of air. (2M)

OR

Q48(a).How can we make use of wind?

(3M)

(b) What is atmosphere?

(1M)

(c) Which gas in the atmosphere is responsible for (i) respiration and (ii) photosynthesis? (1M)