

INDIAN SCHOOL SALALAH
TERM I EXAMINATION - SEPTEMBER 2018

CLASS: VI

SCIENCE

Max. Marks: 80

Time: 2 ½Hrs

General Instructions:

- i) This question paper consists of 3 pages with 37 questions in all.*
 - ii) All questions are compulsory.*
 - iii) Questions 1-13 in section A carry 2 marks each.*
 - iv) Questions 14-22 in section A carry 3 marks each.*
 - v) Questions 23-25 in section A carry 5 marks each.*
 - vi) Questions 26-37 in section B are multiple choice questions. Each question carries 1 mark. You are to select one most appropriate option out of the four provided.*
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SECTION A

1. Write the significance of X-ray image.
2. Name the deficiency diseases for the following symptoms.
 - a. Bleeding gums.
 - b. Poor vision.
 - c. Glands in the neck appear swollen.
 - d. Weak bones.
3. How are luminous objects different from non-luminous objects?
4. Define the following
 - a. Streamlined shape
 - b. Skeleton
5. Will you be able to see a reflection of yourself in a mirror in a completely dark room? Explain.
6. What is obesity?
7. What happens when a bag of cement lying in an open place gets wet? Could it be reversed?
8. Define balanced diet
9. What is reflection?
10. Burning of candle is an example of reversible and also of irreversible change. Give reason.

11. Identify the type of joint.
 - a. The rounded end of one bone fits into the cavity.
 - b. A cylindrical bone rotates in a ring.
 - c. The joint that allows only a back and forth movement.
 - d. The bones that cannot move
12. Which activity of an Earthworms makes the soil more useful for plants?
13. State if the following is a reversible or an irreversible change.
 - a. Baking of cake
 - b. Ironing of clothes
 - c. Melting of wax
 - d. Rusting of iron
14. a. Write any two difference between image and shadow.
b. State the conditions necessary for shadow formation.
15. Explain nature's pinhole camera.
16. How is the metal rim fixed on the wooden wheel of a cart?
17. Explain how muscles work together with the bones to help in body movement.
18. With examples explain the difference between reversible and irreversible changes.
19. Differentiate between transparent, translucent and opaque objects.
20. List any three improper cooking habits which leads to loss of nutrients.
21. Write the difference between bone and cartilage. Give an example each.
22. Dietary fibre and water do not contain nutrients yet are essential. Why are they importance for the body?
23. a. Explain with an activity to show that light travels in a straight line.
b. What type of image is formed on the screen of a pinhole camera?
24. a. How do you test the presence of protein in a given food sample?
b. Write any two symptoms of protein deficiency diseases.
25. a. How does the body of a cockroach help in movement?
b. List any four features that help birds to fly .

SECTION B

26. Which among the following chemical is used for testing the presence of starch?
 - (a) Copper sulphate
 - (b) Sodium chloride
 - (c) Iodine
 - (d) Sodium hydroxide

27. An animal which has an outer skeleton.
(a) Mosquito (b) Spider (c) Snake (d) Snail
28. The deficiency of vitamin D in children causes a disease known as:
(a) goitre (b) obesity (c) scurvy (d) rickets
29. Which of the following is an opaque object?
(a) Mirror (b) Glass (c) Water (d) Tracing paper
30. Souring of milk is a _____.
(a) Reversible change (b) Irreversible change
(c) Both the changes (d) None of these
31. Which of the following is the symbol of the element Potassium
(a) Po (b) P (c) K (d) Pb
32. The symbol of Calcium is _____
(a) C (b) Cu (c) Ca (d) Cl
33. Which of these material could produce a shadow?
(a) air (b) water (c) a piece of wood (d) Clear glass
34. Name the animal whose body forms many loops while moving.
(a) Snake (b) Snail (c) Shark (d) Earthworm
35. The chemical formula of Ozone is _____
(a) O₂ (b) O₃ (c) Oz (d) O
36. The chemical formula of Carbon dioxide is .
(a) CO₂ (b) CO (c) Ca₂ (d) Cl₂
37. The bones that cannot move at joints are.
(a) Movable joint (b) Pivotal joint
(c) Hinge joint (d) Fixed joint
