

INTERNATIONAL INDIAN SCHOOL, DAMMAM
ANNUAL EXAMINATION MARCH 2009

SUBJECT: GENERAL SCIENCE
CLASS: VIII

TIME: 3 Hrs
MAX MARKS: 100

SET-A

GENERAL INSTRUCTIONS

1. Total number of questions is 41. All questions are compulsory.
2. There is no over all choice. However, internal choices have been provided in some questions. Attempt only one option in such questions.

SECTION – A

1x12=12

Q. 01 – 12 carry 1 mark each. Answer them in a word or sentence.

1. Define Hormones.
2. Which is the hottest part of a flame in a burning candle?
3. H_2SO_3 is the symbol that is used to represent _____ .
4. Name the disease caused by bacteria in plants.
5. Define Angle of Incidence of light.
6. What is Static Friction?
7. What is meant by Menarche?
8. Name the micro organism that can reproduce only inside the cells of the host organism.
9. What is White Light?
10. Give one example of a Pathogen.
11. Name the male gamete in human beings.
12. Name the product formed in the reaction of Sulphur and Oxygen.

SECTION – B **2 x 11 = 22**

Q. 13 – 23 carry 2 marks each. Answer them in 2 - 3 sentences.

13. Differentiate Viviparous animals and Oviparous animals.
14. Classify as Good / Bad Conductors of electricity:
a. Vinegar b. Distilled water c. Vegetable oil d. Sea water.
15. Give 2 examples of Friction as a useful force.
16. State the 2 Laws of Reflection of light.
17. Define Chromosomes. Write the number of chromosomes in human beings.
18. What is a Fuel? Give 2 examples.
19. Sodium is stored in kerosene. Give reasons.
20. What are Antibiotics? Give 2 examples.
21. Name the hormone secreted by the Adrenal gland. State its function.
22. Name the virus causing AIDS. Give one method of transmission of the virus from an infected person to a healthy person.
23. Complete the following equation
a. $\text{CuSO}_4 + \text{Fe} \rightarrow$
b. $\text{ZnSO}_4 + \text{Cu} \rightarrow$

SECTION – C **3 x 12 = 36**

Q. 24 – 35 carry 3 marks each. Answer them in 4 – 5 sentences.

24. Define Sexual reproduction and External Fertilisation with an example for each.

OR

24. Define Deforestation. State the 2 natural causes of deforestation.
25. What is Electroplating? Give any 2 of its applications in our daily life.

26. Mention the factors affecting the Frictional Force on an object in a fluid.
27. How is a Cataract formed?
28. Define a. Global Warming b. Acid rain c. Name the cleaner fuel which is currently replacing petrol and diesel.
29. Mention any 3 uses of non-metals.
30. Write short notes on In Vitro Fertilisation.

OR

- 30 a. Mention the 3 distinct stages in the development of a frog. (1)
b. Mention the effect of iodine in water on the growth of tadpoles. (2)
31. What are Secondary Sexual characters? Explain with reference to boys and girls.
32. Write a note on the role of bacterium Rhizobium in the fixation of nitrogen in leguminous plants.

OR

32. Define a. Eco-system b. Reforestation c. Species.
33. Write short notes on Menstruation.
34. Explain the process of Pasteurization.
35. What is Displacement reaction? Write the reaction between Zinc and Copper Sulphate solution.

SECTION – D

5 x 6 = 30

Q. 36 – 41 carry 5 marks each. Answer them as directed.

36. Describe with the help of a figure the Asexual reproduction in Amoeba.

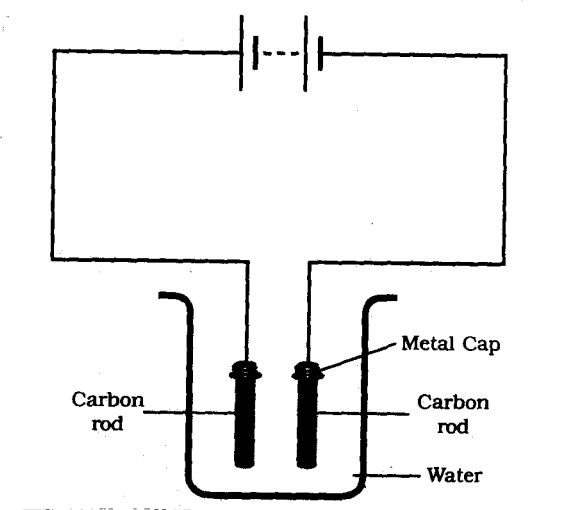
OR

- 36 a. Describe the process of Fertilisation in man. (4)
b. Define Zygote. (1)

- 37 a. What are Metalloids? (1)
 b. Define Element. (1)
 c. Name the gas evolved when a metal reacts with acids or bases. (1)
 d. State any 4 properties of metals. (2)
- 38 a. State the role of yeast in bakeries. (2)
 b. Define Fermentation. (1)
 c. Mention 2 methods of preserving pickles from spoilage by bacteria. (2)
- 39 a. Fish and frogs lay eggs in hundreds whereas hens lay only one egg at a time. Give reason. (3)
 b. Define Embryo. (2)
- 40 a. Define Lubricants (1)
 b. Give any 2 examples of lubricants. (1)
 c. How does a lubricant help to reduce friction in the moving parts of machines? (3)

OR

- 40 a. Never handle electrical appliances with a wet hand. Give reason. (2)
 b. What is LED? (1)
 c. Study the figure and answer the following question:



- * The passage of electric current through the conducting solution causes chemical reactions. List any 2 of those reactions. (2)

41. a. Identify the parts in the figure given below: (3)
b. Lack of (b) leads to ----- (1)
c. Lack of (c) leads to ----- (1)

