

**INTERNATIONAL INDIAN SCHOOL – DAMMAM
ANNUAL EXAMINATION MARCH – 2009**

**Sub: GENERAL SCIENCE
CLASS : VII**

**Time : 3 Hours
Max. Marks : 100**

SET – A

I. Questions 1 to 12 carry 1 mark each. Answer them in a word or a sentence. **1 x 12 = 12**

1. What is the function of platelets ?
2. Define dispersion.
3. Name the female reproductive part of flower.
4. Where does amoeba digest its food ?
5. What is breathing rate ?
6. What is rain water harvesting ?
7. Which type of lens always forms a virtual image ?
8. What is a stethoscope ?
9. Name the acid found in vinegar ?
10. Name the part of the flower which develops into a fruit after fertilisation.
11. What are insulators ?
12. Name the largest gland in human body ?

II. Questions 13 to 23 carry 2 marks each. Answer them in 2 to 3 sentences. **2 x 11 = 22**

13. What are villi ? Write its function.
14. What is meant by dialysis ?

15. Define drip irrigation.
16. Give reason : Calamine solution is applied on the skin when an ant bites.
17. Light coloured clothes are comfortable in summer, why ?
18. Why is yeast used in making beer and wine ?
19. What is meant by rumination ?
20. Why do we often sneeze when we inhale a lot of dust laden air ?
21. Differentiate between real and virtual image. (2 points)
22. How does seed dispersal benefit the plants ?
23. Differentiate between arteries and veins.

**III. Questions 24 to 35 carry 3 marks each. Answer them 4 to 5 sentences.
3 x 12 = 36.**

24.
 - a) Define fertilisation
 - b) Distinguish between self pollination and cross pollination.
25.
 - a) Define reflection of light.
 - b) What are the characteristics of image formed by a plane mirror ?
26. State any 3 differences between acids and bases.
27. Draw a neat labeled diagram of human excretory system.
28.
 - a) What are the functions of pseudopodia ?
 - b) What is haemoglobin and write its functions ?
29.
 - a) What is an aquifer ?
 - b) How is water in the aquifer available for use ?
30. Describe the breathing process in cockroach.
OR
Explain the mechanism of breathing in human beings.
31.
 - a) Distinguish between concave mirror and convex mirror with the help of a diagram.
 - b) Why convex mirror is used as a side view mirror in vehicles ?

32. a) Define vegetative propagation.
b) What are the advantages of vegetative propagation ?
33. Distinguish between aerobic and anaerobic respiration with the help of equations.
34. Name the different types of teeth and write their functions.
35. Explain sea breeze.

IV. Questions 36 to 41 carry 5 marks each. Answer them as directed.

5 x 6 = 30

36. a) What are indicators ?
b) Name the four indicators and write their effect in acidic and basic medium.
37. a) Define conduction.
b) State three differences between clinical and laboratory thermometer.
c) Write any two precautions to be observed while reading a clinical Thermometer.
38. a) Explain the significances of transpiration.
b) Name two animals which do not need circulatory system.
Why is it so ?

OR

- a) Write an activity to show the transportation of water through cells.
b) Write two significances of sweating.
39. a) Define infiltration.
b) Mention the factors that lead to depletion of water table.
40. a) Differentiate between convex and concave lens.
b) Write three uses of concave mirrors.

41. a) Explain budding in yeast.

b) Identify the diagrams and label the parts according to the serial numbers given.

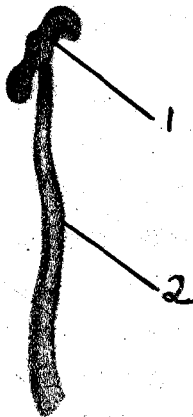


Fig. (i)

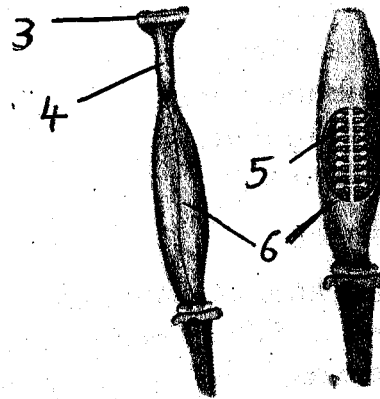


Fig. (ii)

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