



SINDHI HIGH SCHOOL, BANGALORE
ANNUAL EXAMINATION (2022-23)
SUBJECT - SCIENCE

Class: IV
Date: 27/3/2023
Number of printed sides: 4

Marks: 80
Reading Time: 8:00 to 8:15 am
Writing Time: 8:15 to 10:45 am

General Instructions:

- Write your Name, Roll number, Class/Section, Date and Subject clearly in the answer script.
- Write the page number on the right-hand side top corner of each side of the paper.
- Read all the questions carefully.
- All questions are compulsory.
- Answer all the questions with the correct Question number.

Section A

Choose the correct answer and write

($\frac{1}{2} \times 10 = 5$)

- 1) A very strong wind is called ____
a) Gale b) breeze c) storm d) wind
- 2) A soft drink bottle oozes out when opened because of ____ gas.
a) Oxygen b) carbon dioxide c) hydrogen d) nitrogen
- 3) Shape of some solids like ____ can be changed by applying force.
a) Eraser b) pencil c) scale d) sharpener
- 4) ____ are formed when water vapour rises up in the atmosphere and condenses into tiny water drops.
a) Dew b) snow c) clouds d) frost
- 5) To treat an insect bite, we use a paste of ____ and cold cream.
a) Washing soda b) baking soda c) burnol d) calamine lotion
- 6) Always follow the ____ lights on the road.
a) Tube b) street c) traffic d) torch
- 7) An example for animal with strong legs that helps to run very fast.
a) Ostrich b) cow c) bear d) porcupine
- 8) Animals that live both on land and in water are called.
a) Amphibians b) terrestrial c) aerial d) aquatic

9) ____ soil is good for growing plants as it contains humus.

- a) Sandy b) clayey c) loamy d) top soil

10) An animal that lives in soil is ____

- a) Earthworm b) frog c) tapeworm d) bedbugs

(1x5=5)

11) **Give 2 examples for each**

- a) Chemicals that kill germs in water -
b) Solute -
c) Things that can be kept in first aid box -
d) Animals that camouflage -
e) Mammals that live in water -

(1x5=5)

12) **Name the following**

- a) Adding chemicals like alum to improve the rate of sedimentation is called -
b) Something that prevents infection of an open wound -
c) Animals that spend most of their time on trees are called -
d) Shedding of the old skin is called -
e) Small heavenly bodies that revolve around a planet -

(1x5=5)

13) **Analogy**

- a) Tiny flakes of ice : snow :: frozen hard balls : ____
b) water : no definite shape :: table :
c) Minor cut : Band-Aid :: minor burns : ____
d) Parasites : hookworms :: ____ : vultures
e) Turtle : flippers :: tortoise : ____

(2x1=2)

14) **Choose the odd one out and justify**

- a) Heater, table fan, television, floor cleaner
b) Bears, tigers, human beings, crow

Section B

(2x7=14)

15) What is saturated solution?

16) a) Define migration.

b) Give two examples of animals that migrate.

17) Write two ways by which animals reproduce.

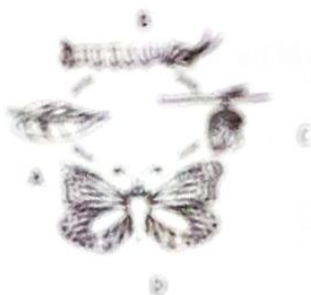
18) List ~~4~~ causes of soil erosion.

- 19) When does evaporation take place at a faster rate? [Mention any 4]
- 20) List any 4 safety rules that you need to follow in the playground.
- 21) Differentiate between sandy and clayey soil.

Section C

(3x8=24)

- 22) Draw a neat labelled diagram of structure of the earth.
- 23) Name and define the process shown in the diagram and label A B C D in the diagram.



- 24) Differentiate between rotation and revolution.
- 25) a) Give reason - Volume of water does not change when sugar is added in water.

b) Draw the molecular arrangement for the given pictures.



- 26) a) Mars is called red planet. Why?
- b) Planets do not give out heat and light on their own. Why?
- c) Name the instrument used to see planets and heavenly bodies.
- 27) a) Observe and name the processes involved in the picture given below.



- b) Name any two solids that does not dissolve in water.
- 28) a) Define Solar system.
- b) Name eight planets in order.

29) a) What is soil conservation?

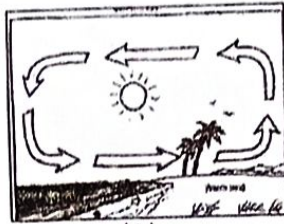
b) We should grow different types of crops in the same field.
Give reason.



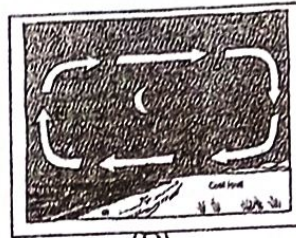
Identify the above method of soil conservation.

Section D

(5X4=20)



(A)



(B)

30) Identify A and B in the picture and differentiate between them.

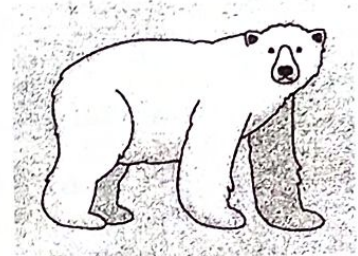
31) a) Why do accidents occur? How can we avoid it?

b) Write any 3 safety rules that you should follow to avoid slipping on the floor.

32) a) Identify the picture given and write any 2 of its adaptations.

b) Give 2 examples of animals that live in mountain region.

c) Define adaptation?



33) a) Draw a neat labelled diagram of internal structure of an egg.

b) Give 2 examples for egg laying mammals.

c) What is hatching?
