** SINDHI HIGH SCHOOL, HEBBAL**

**HALF YEARLY EXAMINATION (2023-24)**

**SUBJECT – Science**

**Class: V Marks: 80**

**Date:05/10/2023 Reading Time: 8:15 to 8:30 am Number of printed sides: 4 Writing Time: 8:30 to 11:00 am**

**GENERAL INSTRUCTIONS:**

* **This Question paper has 4 Sections A-D**
* **All Questions are compulsory.**
* **Answer all the questions and write neatly.**

**SECTION - A**

**1. Choose and write the correct options**  **(½ ×10=5)**

i) The part of the food that is not digested by the body is called \_\_\_\_\_\_\_\_\_

a)fats b)vitamins c)roughage d)proteins

ii) The soft porous igneous rock which contains air bubbles.

a)limestone b)pumice c)granite d)basalt

iii) Liquids that dissolve in water are called \_\_\_\_\_\_\_ liquids.

a)soluble b)opaque c)immiscible d)miscible

iv) The organ for movement in the given animal.



a) tentacles b) tubefeet c) flippers d) fins

v) The dangerous disease caused by the saliva of a dog bite.

a) beri beri b) rabies c) typhoid d) jaundice

vi) The ore from which iron metal is extracted.

a) bauxite b) pyrite c) haematite d) slate

vii) A duck and frog move with the help of \_\_\_\_\_

a) flippers b) webbed feet c) fins d) legs

viii) The communicable disease spread by aedes mosquito.

a)asthma b)malaria c) dengue d)measles

ix) The breaking of a bone due to a fall

a)fracture b)sprain c)splint d)burn

x) The temperature at which water changes to ice is called

a)melting point b)boiling point c) freezing d)freezing point

2. **Analogy (1×5=5)**

i)bees: \_\_\_\_\_\_\_ :: porcupine :quill

ii)\_\_\_\_\_\_\_ :anaemia :: iodine :goitre

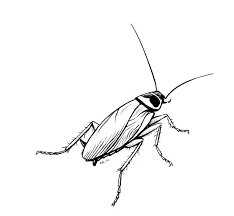
ii)fracture:sling :: \_\_\_\_\_\_\_\_ : tourniquet

iv)atoms of same kind: element :: atoms of different kind : \_\_\_\_\_\_\_\_

v)granite :feldspar :: \_\_\_\_\_\_:quartz

3.**Name the following (1x5=5)**

i) The process by which living things produce individuals of their own kind-

ii) The breathing organ of the given insect

iii) The temperature at which a liquid changes to a gas-

iv) Any 2 P’s of First aid-

v) The metamorphic rock formed from limestone-

4. **Give 2 examples (1×5=5)**

i) Diseases caused by virus

ii) Types of animals based on their feeding habits

iii) Monocotyledons

iv) Sedimentary rocks

v) Miscible liquids in water

**5. Define (1×5=5)**

i) Mineral ii) Habitat iii) Communicable disease

iv) Germination v) Sprain

**6.Give reason (1×2=2)**

i)Minerals are called as non renewable resources

ii)Animals migrate from one place to another

**7.** **What happens when (1×2=2)**

**i**) We do not follow safety rules.

**ii)** Water vapour is cooled**.**

**SECTION -B (2 × 5 =10)**

8. List any 2 properties of a liquid .  **(2)**

9..i)What are nutrients? **(1)**

ii)Why are proteins needed by our body? **(1)**

10. How are igneous rocks formed? **(2)**

11. List the first aid given for nose bleeding in a person. **(2)**

12 i) What is hibernation? **(1)**

ii) Give two examples of animals that hibernate. **(1)**

**SECTION -C (3 × 7 =21)**

13.Mention the steps followed for cultivation of crops in agriculture. **(3)**

14.i) Differentiate between nocturnal and diurnal animals.Give an example for each. **(2)**

ii)What is moulting? **(1)**

15.i) Explain what happens when a coconut or lotus seed falls in water. **(1)**

ii) Mention names of any two seeds dispersed by animals . **(1)**

iii)What do you understand by ‘dispersal of seeds’? **(1)**

16.i)Why is an ostrich called as a flightless bird? **(1)**

ii) List the adaptations which helps a bird to fly.{any 2} **(1)**

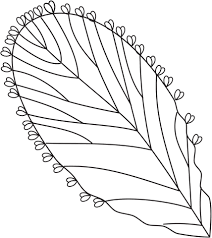
17.i) What do you understand by the term ‘solution’? **(1)**

ii) Name any two types of solutions. **(1)**

iii)Water is called as a “universal solvent’. Why? **(1)**

**18. Fill in the blanks. (½×6=3)**

|  |  |  |
| --- | --- | --- |
| **Name of nutrient** | **Sources** | **Deficiency disease** |
| 1.Vitamin A | Spinach,carrot,milk | \_\_\_\_\_\_\_\_(a) |
| 1. \_\_\_\_\_\_\_\_(b) | Milk,cheese,sunlight | Rickets |
| 3.\_\_\_\_\_\_\_\_\_(c) | Vegetable oils | Muscle cramps |
| 4.Vitamin C | \_\_\_\_\_\_\_ (d) | \_\_\_\_\_\_\_(e) |
| 1. \_\_\_\_\_\_ (f) | Green leafy vegetables | Excess bleeding from wounds |

**19.i)** Draw and label the internal structure of a bean seed. **(2)**

ii) Identify the given picture . **(1)**

Mention how new plants can grow from it.

**SECTION -D (5 × 4=20)**

**20i)** What is ‘Pasteurization’? Give an example. **(2)**

ii) Write a short note on ‘Preventive measures to control spread of communicable diseases’ **(3)**

21.There was a fire in the seventh floor of a building.

i) List the different reasons which could cause the fire. **(3)**

ii) Mention any 2 ways by which the fire could be put off. **(2)**

22.i) Petroleum is also called as ‘black gold’.Give reason. **(1)**

ii) Explain the formation of petroleum. **(2)**

iii) Write names of any 2 products extracted from petroleum and mention their uses. **(2)**

23.i) Diffrentiate between Physical and Chemical changes (2points for each)

Give an example for each. **(3)**

ii) Label the processes involved during changes in the state of matter **(2)**

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*