**CLASS 5-HALF YEARLY EXAM (2023**-24)

**1.Choose and write the correct options**  **(1/2 ×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

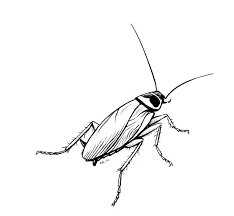
ii)fracture:sling :: \_\_\_\_\_\_\_\_ : tourniquet

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)Immiscible 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 .

9.i)What are nutrients?

ii)Why are proteins needed by our body?

10.How are igneous rocks formed?

11.List the first aid given for nose bleeding in a person.

12i)What is hibernation?

ii)Give two examples of animals that hibernate.

**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 blank. (1/2 ×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 .Mention how new plants can grow from it. (1)

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**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)