DHANICHA HIGH SCHOOL (H.S.) (ENGLISH MEDIUM)
(Govt. Spon. Bengali & English Medium School)
3rd Summative Examination– 2024

Class– V | Sub.– Environment & Science
Time– | Full Marks– 70

Group–A

Answer all five questions by choosing right alternatives: 1×5=5

1. Staple machine is an example of–
   a) First class lever b) second class lever
   c) 3rd class lever d) None
2. The ability to do work is called–
   a) efficiency b) force c) energy d) work.
3. When eath comes between sun and the moon–
   a) solar eclipse b) lunar eclipse c) both d) none.
4. The point inside the earth where and earthquake begins is called–
   a) the focus b) the epicenter c) tremors d) after socks
5. Percentage of oxygen in our environment (air) is–
   a) 78% b) 22% c) 1% d) 12%

Fill in the blanks : 2×1=2

6. The energy of an object due to its motion is called _____.
7. It is a V shaped piece generally made of metal, it has two inclined planes put together to form a sharp age is called _____. (wheel / screw / wedge / pulley)

State whether the following statements are true or false : 2×1=2

8. A fixed pulley is used to change the direction of applied force (T/F).
9. Tsunami is also known as _____ (tidal / hit / high waves).

Give answer to the following questions in one line : 6×1=6

10. In case of water purification what is chlorination?
11. In absence of air, is it possible to drink juice by using straw, explain.

12. Who first stepped on the moon surface?
13. What is seismograph?
14. What is drought?
15. What is compound machine?

Match the columns proerly given in the table : 4×1=4

16.

Columna A	**Column B**
Scissors	Second class lever
Bottle opener	First cla
Pulley	Inclined plane
Ladder	Well

17. **Answer in brief any five question :** 5×2=10
    i) What is gravitational force
    ii) What is troposphere
    iii) What is buoyant force
    iv) Describe an experiment to prove that air exert pressure
    v) Waht is artificial satellite
    vi) How tsunamis are formed
18. **Answer the following questions (any two) :** 3×2=6
    i) With the help of a diagram describe solar eclipse.
    ii) What is volcano? What is magma? What is Lava?
    iii) What is hydro electricity? How it is generated? What are the demerits of generating hydroelectricity on our environment?

Group– B

1. **Choose the correct option :** 1×5=5
    i) Where does camel store fat?
    a) hump b) stomach c) skin d) leg.
    ii) Which of the following animals changes it's colour according to its surroundings?
    a) cow b) penguin c) chamelon d) whale
    iii) What are the nerves that carry messages from the brain to different parts of the body–

a) sensory nerves b) motor nerves c) mixed nerves
d) none of these.

iv) Which of the following is a renewable natural resource?
a) sunlight b) coal c) petroleum d) minerals.

v) Exposure to loud noise over a long time causes–
a) deafness b) fever c) stomach pain d) none of these.

2. **Fill in the blanks :** 1×4=4

i) Heartbeat is controlled by _____.
ii) Crabs breath with the help of _____.
iii) No of vertebrae make the backbone _____.
iv) The surrounding in which we live is called our _____.

3. **State whether 'True' or 'False' :** 1×3=3

i) Ozone is not a green house gas.
ii) 'The largest part of the brain is cerebellum.
iii) Birds use their feathers to keep themselve warm.

4. **Answer in one word :** 1×3=3

i) Give an example of aquatic mammal.
ii) What are pollutants?
iii) Which is the largest bone in our body?

5. **Answer in brief (any five) :** 2×5=10

i) What are sense organs? give examples.
ii) What is meant by adaptation?
iii) Why do animals migrate?
iv) Name two green house gases.
v) What is global warming?
vi) Write two causes of soil pollution.

6. **Match the columns :** 1×4=4

Column A	**Column B**
i) Grasshopper	a) moist skin
ii) Paramecium	b) gills
iii) Prawn	c) spiracles
iv) Earthworm	d) body surface

7. **Answer the following questins (any two) :** 3×2=6

i) What are natural resources? How to conserve natural resources? 1+2

ii) Describe the structure of an eye. 3

iii) What is camouflage? Name two birds that cannot fly. 1+2