



2023. 08 .07-Wednesday

08.00 - 10.00

Km/Km/Carmel Fatima College

National School, Kalmunai

Second Term Examination – 2024

Grade: 6

Science

2 Hours

GRADE; 06 C A R M E L T (Circle your Class)

Index No :

.....

Certify correct

Final Marks

Question		Marks
Part I	20	
Part II	1	
	2	
	3	
	4	
Total		

Parent Signature

Part –I

01. The gas is absorbed during the inhale respiration in plants?

1. Carbon dioxide 2. Oxygen 3. Water 4. Hydrogen

02. The raw material used in photosynthesis

1. Water, Chlorophylls 3. Water, Carbon dioxide
2. Sunlight, Chlorophylls 4. Carbon dioxide, Sunlight

03. The property at the material which is used to cut the glass.

1. Diamond 2. Iron 3. Hardness 4. Brittleness

04. The features of optical fibers

- A. Flexible
B. Opaque object
C. Made by metals
D. Mode up with plastics

1. A B 2. B C 3. A D 4. B D

05. Which type of water in 2.58% on the earth

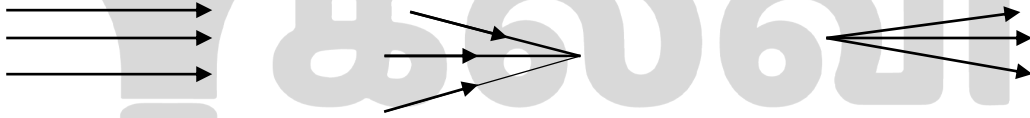
1. Consumables water 2. Solid state water
3. Marine water 4. Precipitation

06. The method of using water suitably

1. Releasing of waste materials and prepare water to water
2. Open the water tap
3. Use the waste water to water the plants
4. Wash the animal in the water bodies

07. Select the light ray is used to remove the eye cataract

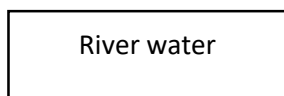
1. UV rays 2. IR rays 3. X rays 4. Laser rays

08. The animals did not show the locomotion but show the movement is?
1. Sea anemone
 2. Tiger
 3. Guava
 4. Rabbit
09. The fossil fuel and Biomass Respectively
1. Fire wood Diesel
 2. Diesel, Petrol
 3. Coal, sawdust
 4. Petrol, Diesel
10. In which magnets the magnetic poles is in two sides of the magnet
1. Bar magnet
 2. Ring magnet
 3. Horse shoe magnet
 4. Needle magnet
11. Select the instruments that produce the sound in same method
1. Drum , Yazd (Harp)
 2. udelokiya , Tambour
 3. Gastro, Kombu
 4. Maththalam , Thavil
12. Choose the incorrect statement
1. The ability to do work is Energy
 2. Pc is the unit of measure Environment temperature
 3. The energy stored in bodies obtained from sun
 4. Producing fossil fuel processes takes a short time of period.
13. Select the luminous object
1. Stone
 2. Moon
 3. Stars
 4. Planet
14. The equipment used to measure the volume of the liquid
1. Measuring cylinder
 2. Triple beam Balance
 3. Newton beam Balance
 4. Pipet
- 15.
- 
1. Parallel beam, Convergent beam, Divergent beam
 2. Divergent beam, Parallel beam, Convergent beam
 3. Divergent beam, Convergent beam, Parallel beam
 4. Convergent beam, Parallel beam, Divergent beam
16. Not an instance where the light is used as signals
1. In fire truck
 2. To decorare the house
 3. In Ambulance vehicle
 4. In a light house
17. Which is the equipment used to observe the microorganisms in laboratory
1. Hand lenee
 2. Compound microscope
 3. Thermo meter
 4. Baro meter
18. The kind of fuel which is produced from sugar car
1. Ethanol
 2. Petrol
 3. Kerosene
 4. Wax
19. Magnet is,
1. When we hang the magnet and move freely it lies between North and south
 2. The like poles of magnet able to repels each other
 3. The area which the magnetic force spread around the magnet called as magnetic poles.
 4. The magnetic force lies from South poles to North poles

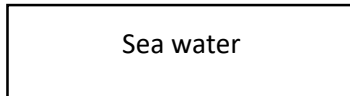
20. Liquid $\xrightarrow{\text{heating}}$ gas in this processes, Which is the state of water when is change to gas state.
1. Water 2. Water vapor 3. Ice cubes 4. Water steam
- (40 Marks)

Part II

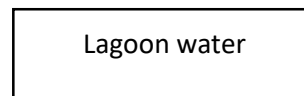
01. Same volume at water sample. Ware obtained at the beaker and their mass was measured in the laboratory.



A



B



C

01. Identify the water A, B, C based on salinity?

A.....

B.....

C.....

02. Which type of water have higher mass....?

.....

03. Which instrument is asked to measure the mass in laboratory?

.....

04. Write the SI ant of mass?

.....

05. Define the team mass?

.....

06. State the types of water based on availability for above mentioned water?

.....

07. Write the chemical Name of salt dissolved in sea water?

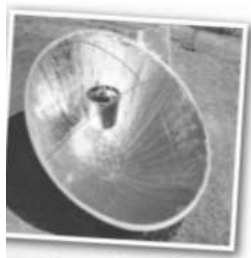
.....

08. How do we call the place which produced salt by valorizing?

.....

(10Marks)

02. Energy is needed to do all activating in our daily life.



A



B



C

A.

I. Identify the above the equipment's?

A.....

B.....

C.....

II. Which is the main natural Energy source?

.....

III. Which type of energy is produced from equipment B?

.....

IV. Write the SI unit of measuring Energy?

.....

B.

1. Name to types of Energy released during combustion of fuels?

.....

2. How we call the plants and animals materials used as fuel?

.....

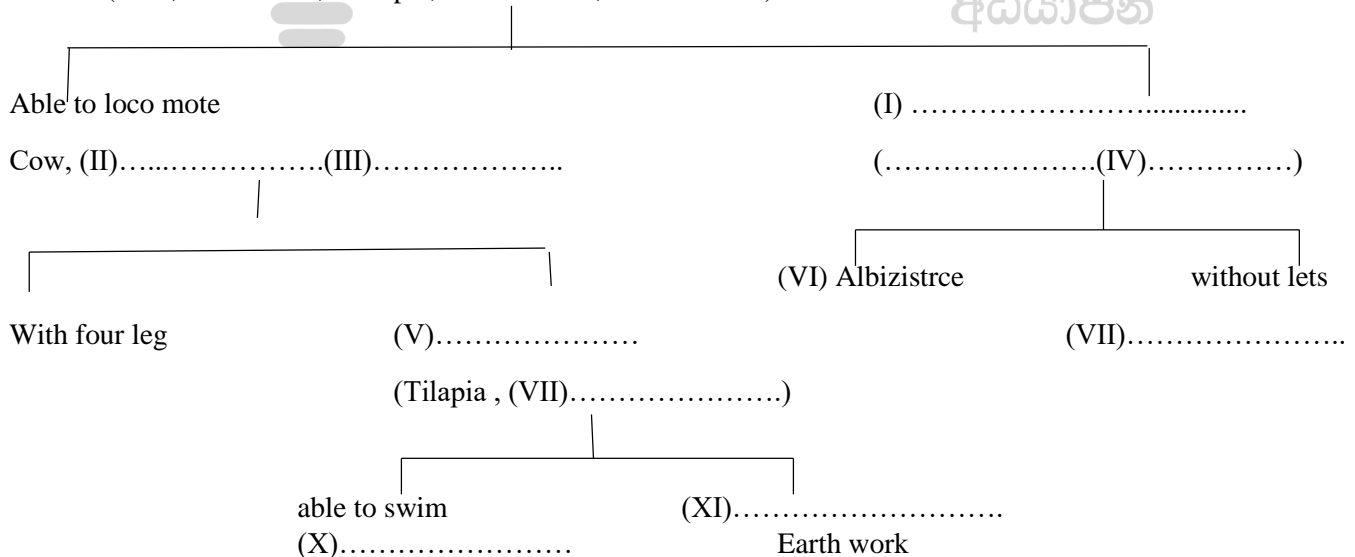
3. State an energy source which is used to boil the water?

.....

03. Fill the dichotomous key given below?

(Cow, Earthworm, Tilapia, Albizistrce, Sea anemone)

(10Marks)



(5Marks)

(B). Choose the statement true or False

1. Animals intake the Carbon dioxide gas during photosynthesis ()
2. Magnets did not have the property to attract all the metals ()
3. Locomotion is not a common character of Organisms ()
4. Waterfalls are an example for precipitation based on availability ()
5. The magnetism spread around the magnet called as magnetic poles ()

(5 Marks)

04. Match the correct answers.

(A)

- | | |
|------------------|--------------|
| 1. Beatrice Bulb | King coconut |
| 2. Music | Ferrite |
| 3. Liquid | Fog light |
| 4. Magnets | Treatment |
| 5. Translucent | LED |

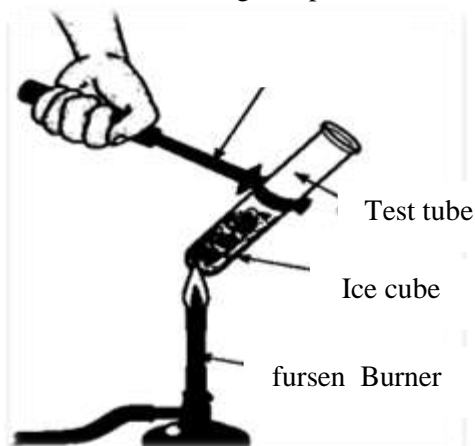
(5 Marks)

(B) Fill in the blanks.

1. The stomach, moves up and down during respiratory movements in Animals.
2. Air is considered as because it occupies space and has mass.
3. is used to lighten the interior at the body in medical field.
4. instrument produces the sound by vibrating membrane.
5. High tides and Low tides occur due to the effect of

(5 Marks)

05. The below given picture test to identify the states of water



1. What is your observation on the outer surface of the test tube before the heating process?
.....
.....
2. Write the conclusion for this observation.
.....
.....

3. What is your observation when heat the test tubes and write the changes in physical states
 Observation:-.....
 Changed in physical state:-.....
4. Which fuel is used in the fursen Burner to heat the setup

(B).

1. Write an example for each type of electric power plantation
 By water:-
 By wind turbine :-.....
2. Identify the magnet X and Y



X.....

Y.....

3. Write situation where we used the magnet Y

4. When the magnets loss their magnets power?

(10Marks)

06. Write the correct answers.

1. Write 02 examples for Natural sound?

2. Give 02 serious illnesses cause by drinking polluted water

3. Write 02 examples for who use the compass.

4. Write 02 properties of solid matter

5. State 02 examples for string instruments.

(10marks)