



Sri Sumangala College - Panadura  
Sri Sumangala College - Panadura  
Sri Sumangala College - Panadura  
Sri Sumangala College - Panadura

ශ්‍රී සුමංගල විද්‍යාලය - පානදුර  
Sri Sumangala College - Panadura

Sri Sumangala College - Panadura  
Sri Sumangala College - Panadura  
Sri Sumangala College - Panadura  
Sri Sumangala College - Panadura

ප්‍රථම වාර පරීක්ෂණය - 2020 මාර්තු  
1<sup>st</sup> Term Test - March 2020

ශ්‍රේණිය : 6  
Grade

විෂයය } Science  
Subject }

පත්‍රය } I, II  
Paper }

කාලය } 2 hours  
Time }

නම :- .....

පංතිය :- .....

- Note: Answer all questions. Choose the most correct or most appropriate answer.

Part A

01. A common feature for all living beings.

- (i) Photosynthesis
- (ii) Growth
- (iii) Locomotion
- (iv) Presence of chlorophyll

02. Select the herbivorous animal,

- (i) Frog
- (ii) Bear
- (iii) Cockroach
- (iv) Horse

03. The gas which is released to the atmosphere during the process of respiration,

- (i) Oxygen
- (ii) Hydrogen
- (iii) Carbon Dioxide
- (iv) Nitrogen

04. Which substance has the highest hardness?

- (i) Diamond
- (ii) Granite
- (iii) Iron
- (iv) Sulphur

05. A plant that can be seen in coastal environment,

- (i) Mollusca
- (ii) Aves
- (iii) Amphibia
- (iv) Arthropoda

06. Which of following is not an energy type ?

- (i) Heat
- (ii) Light
- (iii) Sound
- (iv) Air

07. An animal that show movements though it can't do locomotion,

- (i) Kavaia
- (ii) Crab
- (iii) Coral polyp
- (iv) Oysters

08. The gaseous state of water is,
- (i) Steam
  - (ii) Glaziers
  - (iii) Snow
  - (iv) Ice
09. The leaves of this plant show sleeping movements [wither] in darkness
- (i) Tangerin
  - (ii) Hendrikka
  - (iii) Jasmine
  - (iv) Kathurumurunga
10. This is not an animal that swallow food without chewing,
- (i) Parrot
  - (ii) Tiger
  - (iii) Cobra
  - (iv) Frog
11. A substance with a smooth texture,
- (i) Sand Papers
  - (i) Gravels
  - (ii) Talc
  - (iii) Bricks
12. The organisms that can produce food by their own are called,
- (i) Autotrophic Organisms
  - (ii) Heterotrophic Organisms
  - (iii) Decomposers
  - (iv) Farmers
13. The process of producing energy in organisms,
- (i) Reproduction
  - (ii) Growth
  - (iii) Nutrition
  - (iv) Respiration
14. The water with high salinity is called as,
- (i) Brackish water
  - (ii) Marine water
  - (iii) Fresh water
  - (iv) Muddy water
15. The instrument which is used to measure a definite volume of a liquid,
- (i) Beaker
  - (ii) Triple beam balance
  - (iii) Flask
  - (iv) Measuring cylinder

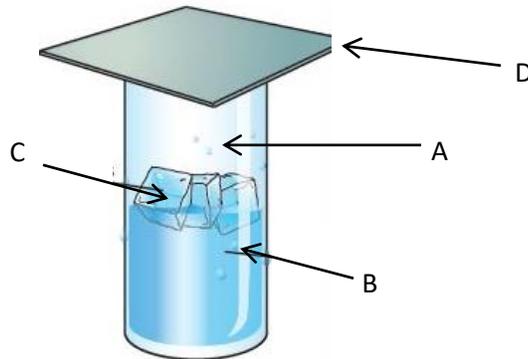
16. The energy required for the production of food in plants given by,
- (i) Sun
  - (ii) Wind
  - (iii) Man
  - (iv) Fertilizers
17. The standard international unit of measuring mass,
- (i) Pascal
  - (ii) Kilogram
  - (iii) Milligram
  - (iv) Gram
18. Which one of following has a definite volume, though it hasn't a definite shape,
- (i) Solids
  - (ii) Liquids
  - (iii) Gases
  - (iv) Matter
19. A resource of ground water,
- (i) Waterfalls
  - (ii) Ponds
  - (iii) Springs
  - (iv) Oceans
20. The most suitable method to conserve plants and animals is,
- (i) Raising awareness by holding a conference
  - (ii) Formation of agricultural colonies
  - (iii) Launching development programs
  - (iv) Conservation of forests

(Marks 2×20= 40)

## Part B

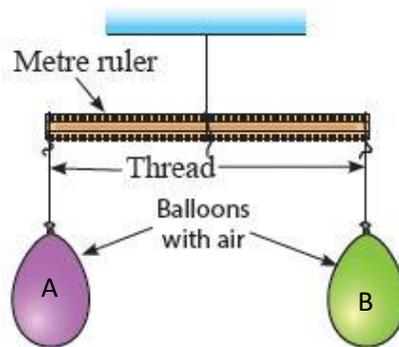
- Answer only five questions, including the first question.

01. (A) A glass of water with several ice cubes is shown below. The glass has been closed with a cardboard sheet.



- Name the parts A, B, C and D of the above diagram. (02 marks)
- What is your observation after a few minutes? (02 marks)
- What is the conclusion you can arrive at through the above activity? (02 marks)

(B) Two air filled balloons ( A and B ) are balanced on the sides of a meter ruler as shown in the figure.



- Draw the diagram to show the change that happens when the balloon B is punched? (02 marks)
- What is the conclusion of this activity? (02 marks)

(C) Exhaled air was bubbled into a liquid containing in a test a test tube by a student as shown in the figure.



- What is the liquid in the test tube? (02 marks)

- (ii) What will be the observation of this activity? (02 marks)  
(iii) Which gas contained in exhaled air is identified in this activity. (02 marks)

( 16 marks )

02. Read the statements given below and mark true or false.

- (i) Solids do not have a definite volume. ( )  
(ii) The consumable amount of water on the earth is very low. ( )  
(iii) The leaf curry leaves/ ' karapincha ' has not divided into leaflets. ( )  
(iv) 'Kerala' [Sonneratia] is a plant which grows in mangrove environment. ( )  
(v) Cow depends on plants indirectly. ( )  
(vi) Salt is produced in salterns by using seawater. ( )  
(vi) Plants have a limited growth. ( )  
(vi) The atmospheric oxygen is used for the respiration of aquatic organisms. ( )  
(ix) Hail is one form of precipitation. ( )  
(x) The amount of salt dissolved in sea water is very low. ( )  
(xi) Water pollution is resulted by reckless activities of humans. ( )

( 11 marks )

03. Select the relevant answers from part B and write the letter in the bracket.

- |   |     |                    |
|---|-----|--------------------|
| 1. The process of producing food in plants                            | ( ) | a. Rubber latex    |
| 2. These organisms are advantageous and sometimes disadvantageous us. | ( ) | b. Charcoal        |
| 3. Occupies a space   | ( ) | c. Sliver          |
| 4. A brittle substance  | ( ) | d. Butterfly       |
| 5. An animal that sucks juices  | ( ) | e. Micro organisms |
| 6. Used to make jewelries   | ( ) | f. Rambutan        |
| 7. A terrestrial plant  | ( ) | g. Photosynthesis  |
| 8. Added to the environment during photosynthesis                     | ( ) | h. Chloroplast     |
| 9. Can be seen only in plants   | ( ) | i. Air             |
| 10. The process of producing energy in living things.                 | ( ) | j. Respiration     |
| 11. A substance with elasticity.                                      | ( ) | k. Oxygen gas      |
|   |     | l. Le mapila       |
|   |     | m. Nutrition       |
|   |     | n. Flower          |

04. Select the correct answer from the bracket and fill in the blanks.

(Copper, Elasticity, Growth, Kidneys, Non-Living, Texture, Hard, Salts, Matters, Harmful, Water, Triple beam balance)

1. Drinking polluted water causes ..... diseases.
2. A large number of ..... is dissolved in the sea water.
3. .... is a substance that can be used to make wires.
4. Rubber used to make vehicle tires due to its property of .....
5. .... things can't show movements.
6. The smooth or rough nature of a substance which is felt to our hands is called .....
7. .... occupy a space and have a mass.
8. .... is a feature that can be seen only in living beings.
9. .... is used to measure the mass of substance in the laboratory.
10. .... helps to maintain the rigidity of plants.
11. We should avoid from adding ..... substances to the environment.

( 11 marks )

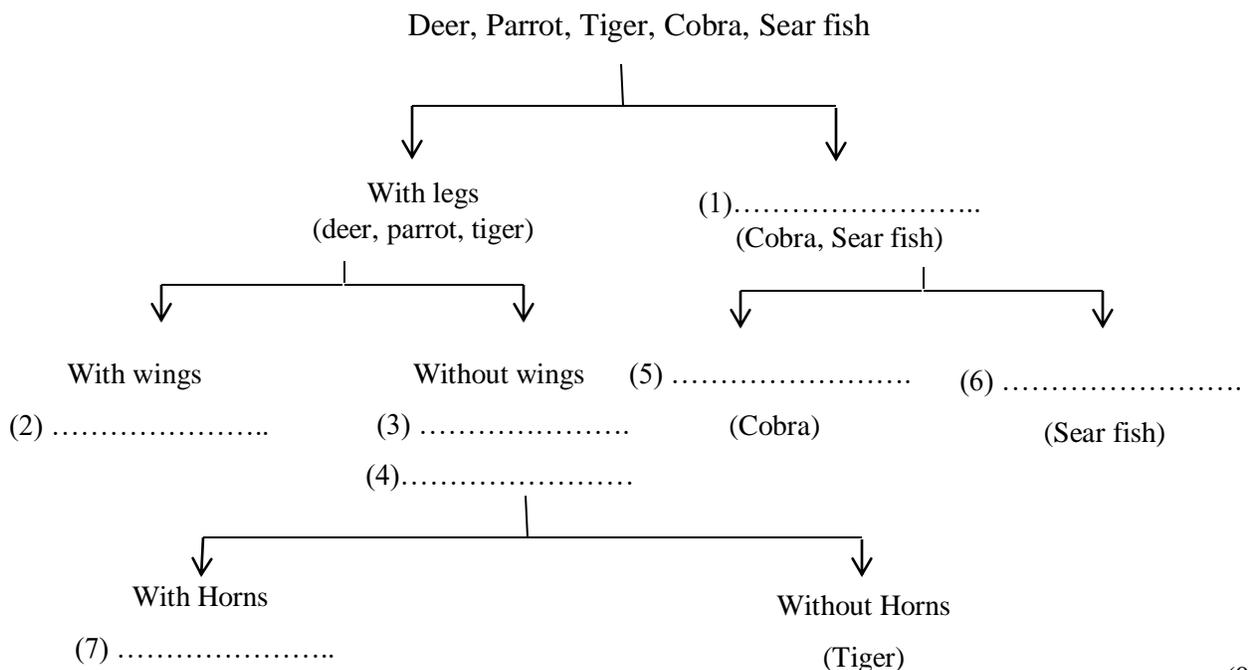
05. (A) 1. What is known as salinity of water?

(02 marks)

2. Water is classified according to the salinity. What are those types of water?

(02 marks)

(B) Complete the dichotomous key given below.



(07 Marks)