	T/KIN/KINNIYA MUSLIM LADIES COLLEGE	**Grade 07**
	First Term Examination	
	COVID-19 **Science**	
Index No :		**Time : 02 hors**

Answer the all question

1. Which group plants shows flowering plants?
(1) Rose, Ferns, Coconut (2) cyperus, Jesmine, Lotas
(2) Coconut, Jasmine, Balsam (4) Ferns, Curryleaves, long bean

2. The example of compound leaves.
(1) Manioc (2) Agathi (3) papaw (4) Jak

3. Which plant shows only one seed lobe.
(1) Coconut (2) Jak (3) Beans (4) Mango

4. Select the wrong statement about simple cell?
(1) obtain current for longer period of time
(2) Positive terminal connect with copper sheet
(3) Difficulty of using them
(4) Zinc sheet dissolve

5. Who carry out an experiment on lightning?
(1) Michel Faraday (2) William Gilbert (3) Galileo Galilei (4) Benjamin Franklin

6. What is the part of the gynoeeium that produces eggs?
(1) Stigma (2) style (3) Ovary (4) Anther

7. The colour of red litmus with acidic substances?
(1) Blue (2) Yellow (3) Red (4) Purple

8. Which property of water used to cool the engine of a vehicle?
(1) Solvent (2) Medium (3) coolant (4) As an insulator

9. Which is the habitat of aquatic organism?
(1) Air (2) Soil (3) Water (4) Carbondioxid

10. Which substance used to reduce the acidity of stomach
(1) Milk of Magnesium (2) Soft drink (3) Kodis (4) limejuice

11. Which is not include in vertebrates?
(1) Fish (2) Annelid (4) Birds (4) Mammals

www.lkedu.lk

12. Which animal shows camouflage?

(1) Moth (2) Fish (3) Bird (4) Tree

13. The animal lives both on land and in water

(1) Mammals (2) Reptiles (3) Amphibians (3) Fish

14.  This symbol represented of,

(1) Drycell (2) Diode

(3) Capacitor (4) Variable Capacitor

15. Who invented the simple cell?

(1) Michel Faraday (2) Benjamin Franklin (3) Alessandro Vote (4) Galieo Galilei

(30 Marks)

www.lkedu.lk

Part - II

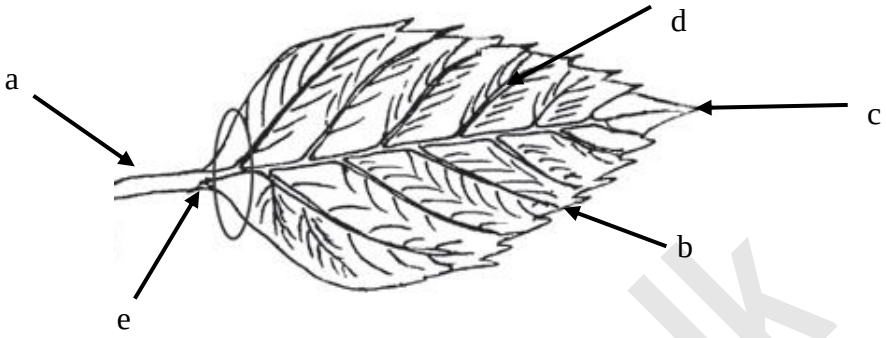
Answer the all question

01) a.

i. State the main function and special other function of plants leaves? (02 marks)

ii. From where plant leaves get energy to carry out the main function? (01 marks)

iii. Ideatify the following parts? (a, b, c, d, e)



iv. Which type of plants shows the above leaf venation? (01 marks)

v. What is androecium? mention the parts of adrececium? (02 marks)

b. Roots of plants shows many functions.

i. What is the main function of root system? (01 marks)

ii. Complete the chart by using following plants
(Banana, orchid, Kinnai, Carrot, Perpper, Rampge)

Type of root	Example
Stilt root	
Climbing root	
Respiratory root	
Storage root	

(04 marks)

iii. Which family plant has root nodules? Give examples?

iv. Which group of micro organisms live inside the root nodules? (01 marks)

v. What is the use of the above micro organism to the above plant? (01 marks)

c. i. Give one function of plant stem? (1 marks)

ii. which plant stem carryout photosynthesis?

iii. Give 2 example that some plants anal stem store food?

(Total Marks 20)

www.lkedu.lk

02) a. Water has many properties

i. Give 2 instances where water is important as a solvent? (02 marks)

ii. Which chemical substance mostly dissolved in sea water? (01 marks)

iii. Give 2 instances where coolant property of water used? (02 marks)

iv. Give 2 glasses that mostly dissolve in water? (01 marks)

v. Where is the excess protein taken in our body is decomposed to urea? (02 marks)

vi. How do you produce artificial verger?

b. Chemical substance can be divided in three groups

i. Mention one example for each acid base substance that can be found in the laboratory? (02 marks)

ii. Give one property of acid basic substances? (02 marks)

iii. Give 2 examples of acid base substances that used in home? (02 marks)

iv. How do you call that substances that do not show the properties of acids or bases? Give one example? (01 marks)

v. What is indicators? Give 2 examples of indicators? (02 marks)

vi. Complete the following chart

Indicator	Substance	Colour with basis Substances
Blue litmus		
Phenolphthalein	Colorless	
Methyl orange		
P^H papers		blue

(03 marks)

(Total Marks 20)

03) The following practical conducted by grade seven students.

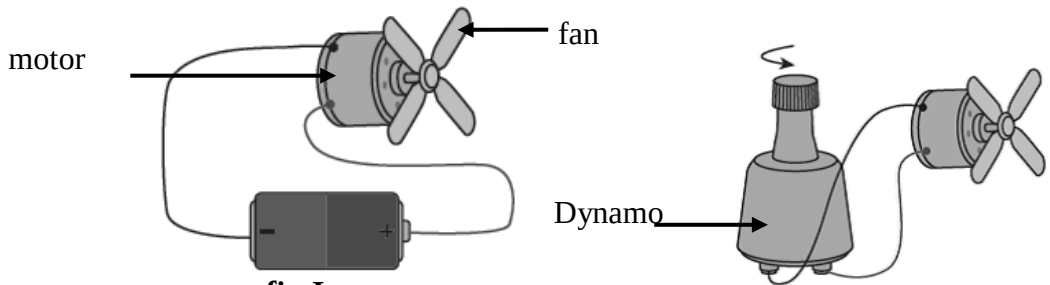


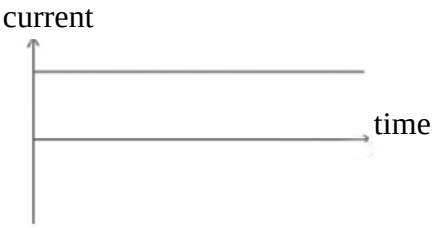
fig-I **fig -II**

i. What is your observation in figure I, II (01 marks)

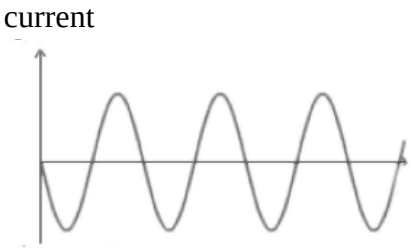
ii. Which types of current produce in dry cell, Dynamo and house hold current? (03 marks)

www.ikedu.lk

iii. Identify the following graphs?



a. .....



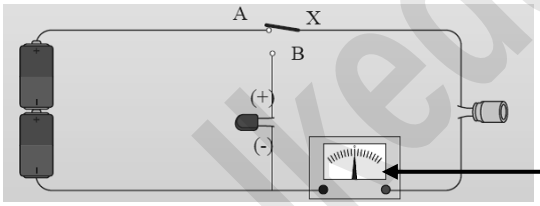
b. .....

(02 marks)

iv. Fill in the blanks.
(Gold leaf electroscope, static electrical charges, Attract Repel, Neutralize, Dry)

Electric charge generated on the surface of objects by rubbing, are called …… object with like electric charges ..... each other. To get a clear observation in static eclectic experiment the rubbing objects should be …….. is used to identify the static electrical charges.

04) b.



i. Identify the P,Q,R? (01 marks)

ii. Mention the function of P,Q? (02 marks)

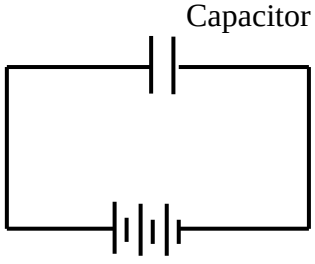
iii. What is your observation when X is connect with A and X is connect with B?

iv. What is charging of capacitor? (01 marks)

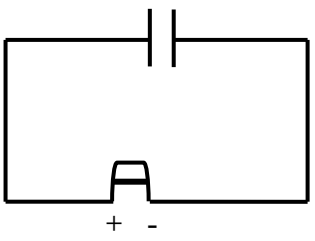
v. What is discharging of a capacitor? (01 marks)

vi. Identify the following

a.



b.



(02 Marks)

www.ikedu.lk

c. i. What is animal classification? (02 Marks)

ii. Animals can be divided into two groups. What are they? (02 Marks)

iii. Give the group of vertebrates with one examples for each?

iv. What is adaptation?

v. Mention 3 animals who show camouflage?

vi. Name 2 streamlined shape animals?

(Total Marks 30)

www.lkedu.lk