

KOMARASAMY GOUNDER MAT.HR.SEC.SCHOOL – KURUMANDUR**MONTHLY TEST – AUGUST – 2023****VII – STANDARD****SCIENCE****TIME : 1 HOURS****PORTION : UNIT 2 & 5****MAXIMUM MARKS : 25****PART – A****I.CHOOSE THE CORRECT ANSWER :****3 X 1 = 3****1. Which is an example for epiphytic plant.****a) Hibiscus****b) Vanda****c) Cactus****d) Cuscuta****2. Reproductive part of the plant is****a) Root****b) Stem****c) Leaf****d) Flower****3. How can we increase the stability of an object?****a) Lowering the centre of gravity****b) Raising the centre of gravity****c) Increasing the height of the object****d) Shorting the base of the object****PART – B****II. FILL IN THE BLANKS :****2 X 1 = 2****4. The slope of the speed – time graph gives****5. After fertilization the ovule becomes develops into****PART – C****III. MATCH THE FOLLOWING :****5 X 1 = 5****6.**

1.	Rhizome	a.	Opuntia
2.	Stability	b.	Metre
3.	Petal	c.	Ginger
4.	Displacement	d.	Attracts insect
5.	Phylloclade	e.	Geometric centre

PART – D**IV. STATE TRUE OR FALSE . IF FALSE , CORRECT THE STATEMENT.****2 X 1 = 2****7. The transfer of pollen from anther to stigma is called fertilization.**

8. The shortest distance between the two places is acceleration.

PART - E

V. ASSERTION AND REASON :

2 x 1 = 2

9. ASSERTION :

If either speed or direction changes , the velocity is uniform.

REASON :

A train starting and moving out of the station.

- a) Assertion is true Reason is false b) both assertion and reasons are true
c) both assertion and reasons are false d) assertion is false reason is true

10. ASSERTION :

An conical root is Carrot .

REASON :

It is an adventitious root modification

- a) Assertion is incorrect , Reason is correct
b) Assertion is incorrect reason is incorrect
c) Assertion is correct reason is correct
d) Assertion is correct reason is incorrect.

PART - F

VI. ANSWER ANY THREE OF THE FOLLOWING :

3 X 2 = 6

11. Ginger is considered to be a stem ,not a root . Why ?

12. Identify the four plants shown in the following table. Name the different modifications in each of them.

Name	Modification
Garlic	
Turnip	
Rose plant	
Maize	

13. What is mean pneumatophores ?

14. Kavitha takes 15 minutes from her house to reach her school on a bicycle. If the bicycle has a speed of 2m/s , calculate the distance between her house and the school.

15. What is the centre of gravity ?

16. Write the formula of the following :

a) Average Velocity

b) Acceleration

PART - G

VII. ANSWER ANY ONE OF THE FOLLOWING :

1 X 5 = 5

17. Distinguish between speed and velocity .

18. i) What are the events are involved in the sexual reproduction of flowering plant.

ii) Define the first event. States its types.

iii) differentiate its types.