

**MAHATMA GANDHI GOVERNMENT SCHOOL (ENGLISH MEDIUM) MANSAROVAR, JAIPUR  
HALF YEARLY EXAMINATION-2021-22**

**CLASS-VII                      SUBJECT-SCIENCE                      DURATION- 2:15 HOURS                      MM- 42**

**Choose the correct answers**

1. In cockroaches air enters the body through - 1  
 (a) Lungs                      (b) gills                      (c) spiracles                      (d) skin
2. The process of fusion of male and female gametes is called – 1  
 (a) Fertilization                      (b) pollination                      (c) reproduction                      (d) seed formation
3. Bryophyllum can reproduce by its- 1  
 (a) Stem                      (b) leaves                      (c) roots                      (d) flower
4. A carnivore with stripes on its body moves very fast while catching its prey. It is likely to be found in 1  
 (a) Polar region                      (b) Deserts                      (c) Tropical rainforests                      (d) Oceans
5. Which option best describes a tropical region ? 1  
 (a) Hot and humid                      (b) moderate temperature, heavy rainfall  
 (c) cold and humid                      (d) hot and dry

**Fill in the blanks :**

6. Air moves from a region of ..... pressure to a region of ..... pressure. 2
7. Seed dispersal takes place by means of....., ..... and ..... 3
8. Production of new individuals from the vegetative parts of parents is called ..... 1
9. The chemical name of baking soda is ..... 1
10. Changes in which new substances are formed are called ..... 1
11. Wind is a..... air. 1
12. The air tubes of insects are called ..... 1

**13. Match the items in column I with those in column II : 5**

Column I	Column II
Frog	Earthworm
Skin	Maple
Wings	Lungs and skin
Bud	Spirogyra
Fragmentation	Yeast

14. Give two examples of dry fruits. 2
15. Name two modes of reproduction. 2
16. Name two naturally occurring acids. 2
17. Explain how painting of an iron gate prevents it from rusting? 2

18. Why does an athlete breathe faster and deeper than usual after finishing the race ? 2
19. Explain the difference between asexual and sexual reproduction. 3
20. Explain why – 3
- (a) An antacid tablet is taken when you suffer from acidity.
  - (b) Factory waste is neutralised before disposing it into the water bodies.
  - (c) Holes are made in hanging banners and hoardings.
21. Sketch the reproductive parts of flower. 3
22. When baking soda is mixed with lemon juice, bubbles are formed with the evolution of a gas. What type of change it is ? Explain. 3

