ATOMIC ENERGY CENTRAL SCHOOL NO. 3

RAWATBHATA

CLASS 07 - SCIENCE

Post Mid Term

Time Allowed: 1 hour and 30 minutes **Maximum Marks: 40**

Section A

1. After heavy exercise, we get muscle cramps due to the accumulation of which substance? **[1]**

   a) Malaic acid b) Lipoic acid

   c) Lactic acid d) Fumaric acid

2. In plants xylem and phloem comprise the **[1]**

   a) Reproductive tissue b) Vascular tissue

   c) Food storing tissue d) Protective tissue

3. In nature, same type of plants grows at different places. This happen because **[1]**

   a) Seeds are carried by human beings b) Large number of seeds are produced

   c) Seeds are transported by insects d) Seeds are dispersed to different places

4. The cell which results after fusion of male gamete and female gamete is called: **[1]**

   a) Egg b) Zygote

   c) Pistil d) Ovule

Section B

5. Explain anaerobic respiration in yeast and in our muscles. **[2]**
6. Sketch the reproductive parts of a flower. **[2]**
7. Why do all the parts of our body need blood? **[2]**
8. Demonstrate that carbon dioxide is produced during respiration. **[2]**

Section C

9. List the differences between aerobic and anaerobic respiration. **[3]**
10. Explain the structure and working of heart. **[3]**
11. What are the main differences between asexual and sexual reproduction? **[3]**
12. Explain the composition of blood. **[3]**

Section D

13. Describe the different methods of asexual reproduction. Give examples. **[4]**
14. 14.Why does an athelete breathe faster and deeper than usual after finishing the race? **[4]**
15. Draw a diagram of human excretory system and label the various parts. Write functions of any two. **[4]**
16. What are the benefits of seed dispersal and how the seeds are dispersed? **[4]**