

ATOMIC ENERGY CENTRAL SCHOOL NO 3 RAWATBHATA

PT - II (2018-19)

CLASS – VII

MM-40

SUB- SCIENCE

TIME – $1\frac{1}{2}$ Hrs

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| 1. Name the organ through which air enters inside the body of a cockroach. | 1 |
| 2. Why are valves present in veins? | 1 |
| 3. What is the name given to the B horizon of the soil? | 1 |
| 4. What is uniform motion? | 1 |
| 5. Write two points of difference between A horizon and B horizon of soil. | 2 |
| 6. Write the composition of inhaled and exhaled air. | 2 |
| 7. What is the significance of sweating? | 2 |
| 8. Why are CFLs preferred over electric bulbs? | 2 |
| 9. what is soil erosion? Write two methods to reduce soil erosion. | 3 |
| 10. Differentiate between aerobic and anaerobic respiration. | 3 |
| 11. Explain the structure of a pendulum with the help of a neat labeled diagram. | 3 |
| 12. Write various methods of seed dispersal along with one example of each. | 3. |
| 13. a) Draw a diagram to show circulation of blood. | |
| b) why is human heart four chambered? | 4 |
| 14. a) What are unisexual flowers? Give two examples. | |
| b) Write differences between self pollination and cross pollination | 4 |
| 15. a) Draw a distance time graph for; | |
| i) a car moving uniform motion | |
| ii) a car parked along roadside. | |
| b) A vehicle travels 240Km in 4 hours. Calculate the speed of the vehicle. | 4 |
| 16. a) what are electromagnets? Write its two uses. | |
| b) What is a fuse? On which principle does it work? | 4 |