

## HOTS QUESTIONS

### CLASS -VIII

1. Why are grains dried before being stored?
2. How is the modern harvesting process better than the traditional one?
3. Do you think a farmer should have sufficient knowledge about irrigating crops? Support your answer with suitable reasons.
4. Which is a better option to increase soil fertility for a prolonged period, fertilizer or manure? Why?
5. Why is it necessary to control both temperature and humidity in a cold storage?
6. Explain the two modes of asexual reproduction seen in Hydra.
7. List the events that lead to pregnancy and discuss how.
8. Draw a neat labelled diagram of the female reproductive system in humans and show the following parts: a) where sperms are released, b) where egg cell enters after being released, c) where implantation occurs, d) where eggs are produced.
9. Give reasons: a) glands of human male reproductive system are significant, b) testes are contained in scrotum.
10. Compare the physical changes in boys and girls that occur during puberty.
11. What are the parts of a typical bisexual flower?
12. List the properties of flowers that attract insects.
13. Draw a diagram and explain what happens after successful pollination of a flower.
14. Differentiate between a true fruit and a false fruit.
15. How is dispersal of seeds essential for plants?
16. Write one advantage and one disadvantage of monoculture.
17. How do we know the status of our plants and animals?
18. What role is played by 'Man and the Biosphere Programme' in conserving biodiversity?
19. Discuss the difference between ex-situ and in-situ conservation with one suitable example for each.
20. How does Red Data Book help in understanding the status of biodiversity?