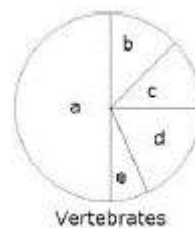
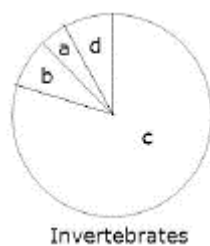


Board – CBSE

Class – 12

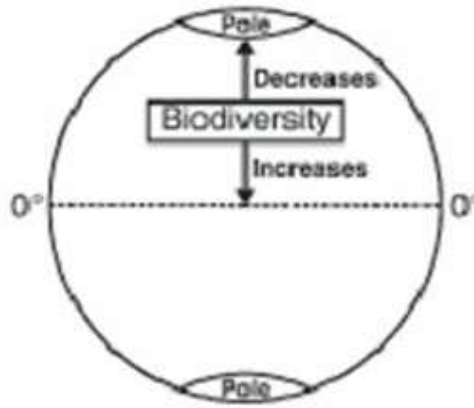
Topic – Biodiversity and Conservation

1. Habitat loss and fragmentation has caused severe damage to a particular type of ecosystem. Name it.
2. What trend is observed in respect of species diversity when we move from equator to poles?
3. Which region is considered as the one with highest biodiversity on earth? What is the name given to such region. Forests?
4. Ecologists have discovered that value of Z lies in range of 0.1 to 0.2 regardless of taxonomic group or region. When will the slope of line steeper in species area relationship?
5. Define cryopreservation. Why is it useful in conserving biodiversity?
6. What is the reason for genetic variation shown by medicinal plant *Rauwolfia vomitoria*?
7. Expand: (i) IUCN - (ii) MAB –
8. What are hot spots?
9. Name any two threatened animal species of India?
10. Name two most biodiversity rich zones of India?
11. What do you mean by IPR. What are the drawbacks of IPR.
12. Which type of conservation measures – in situ or ex-situ will help the larger number of species to survive? Explain.
13. What is Biodiversity? Why has it become important recently?
14. List the important attributes of a stable community?
15. Given below are the representation of global diversity of invertebrates & vertebrates.



Mention the class of organism which belongs to each group in this representation.

16. Give reason why is it difficult to estimate global diversity for prokaryotes?
17. Hot spots are the regions of exceptionally high biodiversity. But they have become regions of accidental habitat loss too. Name the three hot spots of our country. Why are they called 'Hot spot'?
18. Study the diagram of the earth given below. Give the name of the pattern of biodiversity therein. Suggest any two reasons for this type of occurrence.



19. What is so special about tropics that might account for their greater biological diversity?
20. What do you mean by biodiversity? What are the different types of Biodiversity?
21. What do you mean by latitudinal gradient? What could be the possible reasons for diversity between tropic & temperate region?
22. Why is it necessary to conserve biodiversity?
23. What is the relation between species richness & area? What is the significance of slope of regression?
24. What are the different approaches for biodiversity conservation in India?
25. Give an account of Biodiversity in India?
26. What is the significance of Biodiversity to Human beings?
27. Why is the sobriquet 'The Evil Quartet' used in context of biodiversity? Name the members of this quartet. Why do we grieve for the genes when a species is lost?
28. Describe at least two approaches each for ex-situ conservation and in situ conservation as a strategy for biodiversity conservation.
29. Mention the major causes for loss of biodiversity?
30. Habitat loss and fragmentation has caused severe damage to a particular type of ecosystem. Name it.