



BIOLOGY

BOOKS - SARAS PUBLICATION

ORGANISMS AND POPULATIONS

Example

1. What is a Habitat ?



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2. Define ecological niche.



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3. What is acclimatization?



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4. What is pedogenesis ?



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5. What is soil permeability ?



[Watch Video Solution](#)

6. Define ecology.



[Watch Video Solution](#)

7. What is an Ecosphere?



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8. What is an environment?



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9. What is phototaxis ?



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10. What is phototropism ?



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11. What is photokinesis ?



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12. What is soil profile? Explain the characters of different soil horizons.



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13. What is mutualism? Mention any two examples where the organisms involved are commercially exploited in modern agriculture.



[Watch Video Solution](#)

14. Define population.



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15. What is meant by community?



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16. What are known as guilds?



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17. What are ecological equivalents ? Give one example.



[Watch Video Solution](#)

18. Define pore spaces.



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19. What is meant by porosity of the soil?



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 [Watch Video Solution](#)

20. Define wind.



[Watch Video Solution](#)

21. Define humidity and mention its types



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22. What is absolute humidity?



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23. What is relative humidity?



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24. Define terrestrial biomes?



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25. What is alpine biome?



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26. What are conformers?



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27. What is meant by adaptation?



Watch Video Solution

28. What is meant by courtship?



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29. Define ethology?



Watch Video Solution

30. Define population density.



Watch Video Solution

31. Define current density.



Watch Video Solution

32. Define ecological density.



Watch Video Solution

33. What is meant by population.



Watch Video Solution

34. Define migration.



Watch Video Solution

35. What is meant by emigration?



Watch Video Solution

36. What is meant by stable population?



Watch Video Solution

37. Define biotic potential.



Watch Video Solution

38. Define carrying capacity.



Watch Video Solution

39. Define environmental resistance.



Watch Video Solution

40. What is meant by population regulation?



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41. Comment on Amensalism.



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42. What is meant by commensalism?



Watch Video Solution

43. Explain parasitism with an example.



Watch Video Solution

44. What is meant by competition in ecology?



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45. Define predation.



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46. Differentiate between Eurytherms and Stenotherms.



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47. Differentiate Netality and Mortally.



Watch Video Solution

48. Differentiate J and S shaped curve.



Watch Video Solution

49. Differentiate between Tundra and Taiga

Biomes



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50. Distinguish between Absolute humidity and Relative humidity.



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51. Differentiate 'r' and 'k' selected growth forms.



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52. What is a Habitat ?



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53. Define ecological niche.



Watch Video Solution

54. What is acclimatization?



Watch Video Solution

55. What is pedogenesis ?



Watch Video Solution

56. What is zero Stress ?



Watch Video Solution

57. What is soil permeability ?



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58. Give the diagnostic characters features of a Biome ?



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59. Classify the aquatic biomes of Earth.



Watch Video Solution

60. Classify the adaptive traits found in organisms.



Watch Video Solution

61. Differentiate between Eurytherms and Stenotherms.



Watch Video Solution

62. Differentiate Netality and Mortally.



Watch Video Solution

63. Differentiate J and S shaped curve.



Watch Video Solution

64. Give an account of population regulation.



Watch Video Solution

65. Differentiate between Tundra and Taiga Biomes



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66. What is ecological density, crude density and population density ?



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67. Explain hibernation and aestivation with examples.



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68. Give an account of the properties of soil.



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69. What are the ways by which organisms respond to abiotic factors ?



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70. What is the type of response made by organisms to maintain homeostasis? Write about it.



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71. What is the response made by organisms to move from stressful habitat?



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72. List the adaptations seen in terrestrial animals.



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73. Describe Population Age Distribution.



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74. Describe Growth Models/Curves.



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75. Ecology



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76. What is an Ecosphere?



[Watch Video Solution](#)

77. What is an environment?



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78. What is the geographical range of a species?



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79. What are the adaptations of fish in water



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80. State Bergmann's rule.



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81. State Jordan's rule.



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82. State Allen's rule.



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83. List some adaptations seen in animals to overcome extreme winters and summers.



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84. What is phototaxis ?



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85. What is phototropism ?



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86. What is photokinesis ?



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87. Point out the major functions of soil.



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88. What is soil profile ?



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89. What is mutualism? Mention any two examples where the organisms involved are commercially exploited in modern agriculture.



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90. Define population.



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91. What is meant by community?



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92. Is biome different from ecosystem? Explain



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93. What are known as guilds?



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94. What are ecological equivalents ? Give one example.



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95. Define pore spaces.



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96. What is meant by porosity of the soil?



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97. What are the importances of water in soil?



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98. Define wind.



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99. What is absolute humidity?



Watch Video Solution

100. What is relative humidity?



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101. What effect does altitude have on an ecosystem or biome?



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102. Define terrestrial biomes?



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103. Name the major biomes of the Earth.



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104. List the zones of alpine biome in the descending order?



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105. What is a forest? Name the major forest biomes.



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106. How do animals respond to their environment?



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107. What are conformers?



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108. What is meant by adaptation?



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109. What are the types of adaptive traits in organisms?



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110. What are the two most characteristic forms of behavioural adaptations?



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111. What is meant by courtship?



[Watch Video Solution](#)

112. Define ethology?



[Watch Video Solution](#)

113. Define population density.



[Watch Video Solution](#)

114. How can population size be measured?



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115. Define current density.



Watch Video Solution

116. Define ecological density.



Watch Video Solution

117. What is meant by relative abundance ?



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118. What is meant by population dispersion?



Watch Video Solution

119. Define migration.



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120. What is meant by emigration?



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121. What are the effects of immigration?



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122. Give the characteristic features of a rapidly growing population.



Watch Video Solution

123. What is meant by stable population?



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124. What is a declining population?



Watch Video Solution

125. Define biotic potential.



Watch Video Solution

126. Define carrying capacity.



Watch Video Solution

127. Define environmental resistance.



Watch Video Solution

128. What is meant by population regulation?



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129. Mention the factors, that regulate a population.



Watch Video Solution

130. Mention the factors, that regulate a population.



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131. Comment on Amensalism.



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132. Mention the significance of age distribution.



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133. What is meant by commensalism?



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134. Explain parasitism with an example.



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135. Write about the rainfall in desert biomes.



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136. What type of soil is found in desert biomes?



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137. What is meant by competition in ecology?



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138. Define predation.



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139. How did Charles Elton define 'niche'?



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140. Write about the temperature of deserts?



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141. How are temperate forest classified based on seasonal distribution of rainfall?



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142. Write about moist conifer and evergreen broad-leaved forests.



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143. Write the characteristics of dry conifer forests.



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144. How is the rainfall in Mediterranean forests?



[Watch Video Solution](#)

145. Write the characteristics of temperate coniferous forests?



[Watch Video Solution](#)

146. Write about the climatic conditions of temperate broad-leaved rainforests?



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147. What are the types of interspecific interactions?



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148. What happens in neutral interaction.



Watch Video Solution

149. What is positive interaction?



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150. What is negative interaction?



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151. Which environmental system comprises a variety of habitats? Explain it.



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152. How do camels adapt to its habitat?



Watch Video Solution

153. List the adaptations of aquatic animals.



Watch Video Solution

154. How does Catla, Rohu and Mrigal coexist in the same habitat?



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155. State Van't Hoff's rule.



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156. Write short notes on the abiotic component, in which life on earth began.



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157. "Water is physically unique"-Justify.



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158. Do crickets and grasshoppers coexist in the same habitat? Explain about it.

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159. Differentiate absolute and relative humidity.

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160. Write about aquatic biomes in brief.





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161. Which biome has be climate regulatory role?

Write a brief not about it?



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162. To which biome, moose and reindeer migrate

for winter? Give the characteristic of the biome.



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163. Give the characteristic of biome having high wind.



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164. How are tropical forests classified ?



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165. Where are hot deserts found? List the type of vegetation found in these deserts.



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166. Which type of animals are found in hot deserts?



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167. Write the characteristics of the deserts having 150-250 mm annual precipitation



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168. Explain structural adaptations in animals with example.



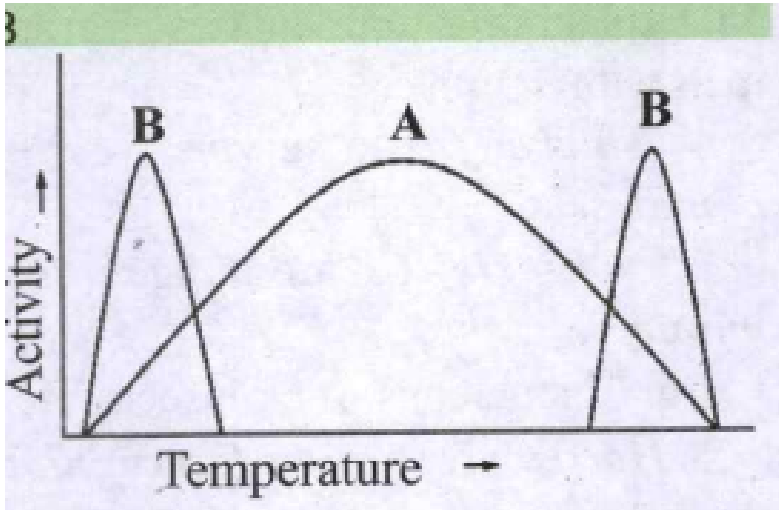
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169. Explain behaviour adaptations.



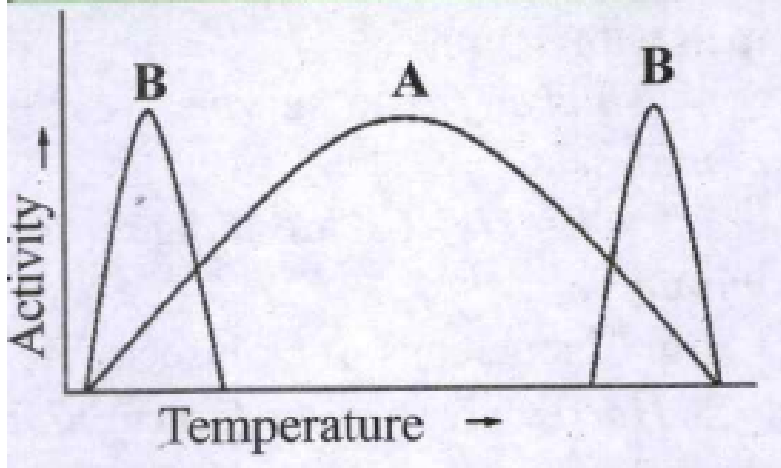
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170. Identify the below diagram



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171. Label the group of organisms marked A and B in the diagram. Define A and B



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172. Historically biomes are known to move as climate changes, 'Write about the desert that prove this statement'.



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173. Explain the effect of temperature on the organism and its functioning in an environment



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174. Explain the effect of light on organisms and its functioning in an environment.



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175. Write the properties of water.



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176. What is alpine biome?



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177. Give the characteristics of forest biome having the annual temperature of $20^{\circ}C - 25^{\circ}C$.



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178. Differentiate 'r' and 'k' selected growth forms.



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179. Write the characteristics of the forests biome having well defined seasons.



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180. Complete the given table

Complete the given table :

Types of scale	Lower fixed point	Upper fixed point	Number of divisions in thermometer
Celsius	(i) _____	100° C	(ii) _____
Fahrenheit	32° F	(iii) _____	180
Kelvin	273 K	(iv) _____	(v) _____



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181. Define endemism.



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182. How many hotspots are there in India? Name them.



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183. What are the three levels of biodiversity?



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184. Name the active chemical found in the medicinal plant *Rauwolfia vomitoria*. What type of diversity it belongs to?



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185. "Amazon forest is considered to be the lungs of the planet" - Justify this statement.



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186. Why do animals have greater diversification than plant diversity?



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187. Extinction of a keystone species led to loss of biodiversity. Justify.



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188. Where are biodiversity hotspots normally located ? Why?



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189. Write a short note on WWF.



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190. How can we contribute to promote biodiversity conservation?



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191. Write a note on (i) Protected areas.



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192. Stability of a community depends upon its species diversity' Justify the statement.



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193. Why do we find a decrease in biodiversity distribution, if we move from the tropics towards the poles?



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194. Why are the factors that drive habitat loss?



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195. What is an endangered species?



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196. Compare and Contrast the insitu and exsitu conservation.



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197. List out the various causes for biodiversity losses.



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198. Mention the major threats to biodiversity caused by human activities.



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199. What is mass extinction? Will you encounter one such extinction in the near future?

Enumerate the steps to be taken to prevent it.



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200. Alien species invasion is a threat to endemic species - substantiate this statement.



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201. In north eastern states, the jhum culture is a major threat to biodiversity - substantiate



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202. Why is biodiversity so important and worthy of protection?



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203. Write a note on (ii) Wildlife sanctuaries



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204. What is Biodiversity?



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205. What is genetic diversity?



Watch Video Solution

206. Define species diversity.



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207. What is species richness ? Give example.



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208. What is ecosystem/community diversity?



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209. What is the active ingredient present in *Rauwolfia vomitoria*? Mention its importance.



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210. Define Alpha diversity.



Watch Video Solution

211. Define Beta diversity.



Watch Video Solution

212. Define Gamma diversity.



Watch Video Solution

213. What are the various habitats available in India?



Watch Video Solution

214. Select the correct linear equation describing the species area relationship?



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215. write the concept of Alexander Von Humboldt on Agriculture.



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216. What is habitat loss?



Watch Video Solution

217. What is habitat fragmentation?



Watch Video Solution

218. What are exotic species?



Watch Video Solution

219. What is the botanical name of mango?



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220. Which species became extinct due to exotic, tilapia fish?



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221. The alien species introduced into Lake Victoria that was responsible for the extinction of cichlid fishes is



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222. Which pest destroyed papaya in West Bengal, Assam and Tamil nadu?



Watch Video Solution

223. What is jhum cultivation?



Watch Video Solution

224. Define co-extinction.



Watch Video Solution

225. What is the cause for the death of vulture population?



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226. Which one of the following areas in India, is a hotspot of biodiversity



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227. Write a note on extinction and its types.



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228. What is Red list? How many categories of species are mentioned in Red list?



Watch Video Solution

229. Expand IUCN.



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230. What is an endangered species?



Watch Video Solution

231. What is natural extinction?



Watch Video Solution

232. What is mass extinction? Will you encounter one such extinction in the near future? Enumerate the steps to be taken to prevent it.



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233. Which is the last snail died on Jan 1st 2019?



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234. What is the purpose of preparation of Red list?



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235. What is a protected area?



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236. What is the goal of "Project Tiger"?



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237. Expand NTCA



[Watch Video Solution](#)

238. What is National Park?



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239. Give example of any three National park in Tamil Nadu.



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240. What is wild life sanctuary?



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241. What is the wild life sanctuary located in Nagapattinam?



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242. Name the wild life sanctuary located in Coimbatore?



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243. What are Gene banks?



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244. What are sacred groves ?



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245. Why North East region is the "Biogeographical gateway" for much of India's fauna and flora?



Watch Video Solution

246. What are the "Biological resources" of biodiversity.



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247. State the principle of Stockholm declaration - 1972.



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248. Explain "Captive Breeding".



Watch Video Solution

249. What are Gene banks?



Watch Video Solution

250. Give an example for inter-relationship and interdependence of living components in a system.



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251. Explain "fragmentation of habitats"?



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252. Give two examples of animals which were extinct recently.



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253. How "food security" is affected by even reduction in one species?



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254. How 'greed' has led to over exploitation?



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255. How many 'Biosphere' reserves are there in India?



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256. What is Ex-situ conservation?



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257. What are the institutions involved in the conservation of biodiversity?



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258. Define in-situ conservation.



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259. Write short notes on "Zoo Ambassador".



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260. What is the net result of loss of habitat?



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261. What are the contributions to soil by biodiversity?



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262. How altitude can influence biodiversity at large?



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263. Write a short note on anthropogenic extinction.



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264. Expand MSL. How is it measured?



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265. How many biodiversity hotspots in the world?

How many in India and what are they?



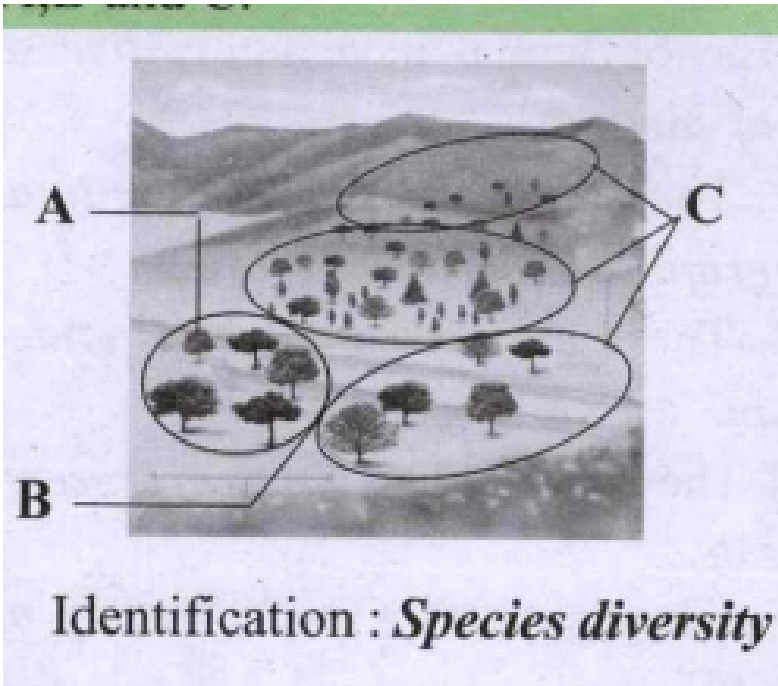
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266. Name the types of extinctions.



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267. Identify the given diagram. Label A,B and C.



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268. What are the examples of ex-situ conservation programmes?



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269. Write a short note on interdependence of living components.



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270. India has 10 biogeographical regions. Which is the smallest region? Write a note on it.



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271. Write notes on Indian coastal region.



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272. What is the impact of 'colony collapse syndrome' in honey bees?



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273. What is coextinction? Give an examples.



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274. How intensive agriculture leads to the loss of biodiversity?



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275. List out the fauna of Trans Himalayan region.



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276. Write notes on Himalayan Region.



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277. What is the Indian region endemic to wild ass?



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278. Which is the largest geographical regions of India?



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279. Which region covers the Southern central plateaus with deciduous vegetation?



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280. Write notes on Gangetic Plains



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281. What is Red list? How many categories of species are mentioned in Red list?



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282. Write a note on "The Madras Crocodile Bank Trust".



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283. Zoological name of jilabi kendi is:



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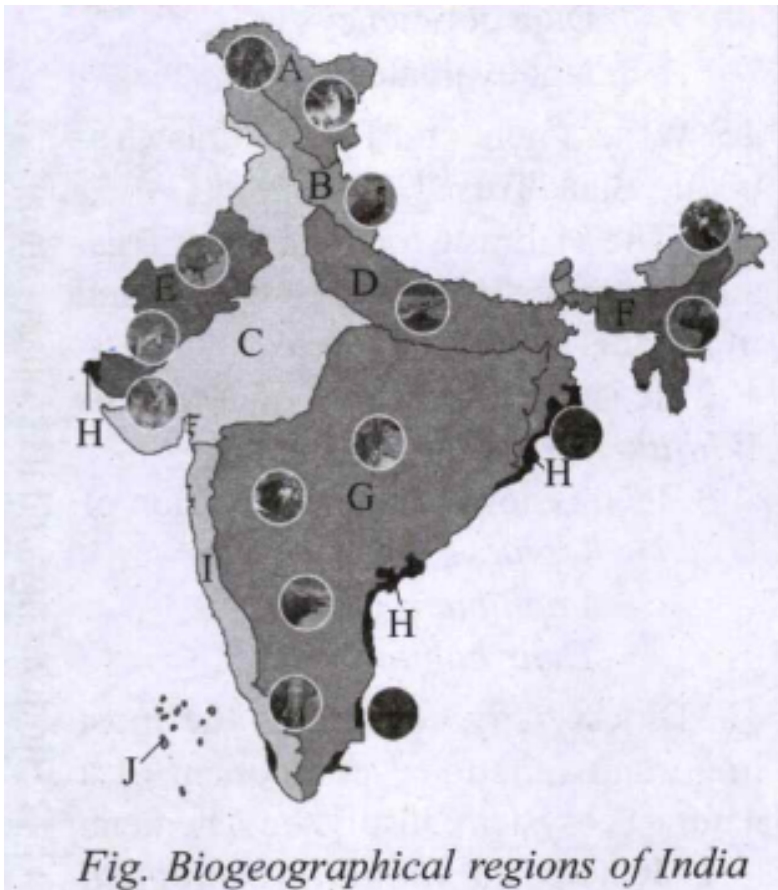
284. Write notes on biodiversity?



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285. The following India map shows 10 biogeographical regions of India, marked as A to J. Identify the biogeographical regions with the help of the statements given below and find the

respective alphabet from the map.



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286. What are sundalands? What does they include?



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287. Explain the three types of extinct species.



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288. Which diversity helps in developing adaptations to changing environment? Explain it.



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289. Identify the figure. Explain it with its types.



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290. Write notes on community diversity.



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291. Explain the reason for the richness of biodiversity in the tropics?



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292. Write a short note on "Project Tiger".



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293. Write notes on virus.



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294. Pollutants and pollution are a major cause for biodiversity loss - Justify



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295. What is extinction?



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296. How is climate change caused?



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297. Climate change is an imminent danger to the existing biodiversity. How?



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298. Mankind survives because of biodiversity. Justify this statement.



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299. Why India is very rich in terms of biological diversity?



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300. Expand (i) CFC (ii) AQI (III) PAN



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301. Expand (i) CFC (ii) AQI (III) PAN



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302. Define PAR.



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303. What would Earth be like without the greenhouse effect?



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304. What effect can fertilizer run off have on aquatic system?



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305. What is the primary purpose of the Kyoto Protocol?



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306. How can we control eutrophication?



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307. Mention the effects due to ultraviolet radiation.



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308. Why ozone hole forms over Antarctica ? How will enhanced ultraviolet radiation affect us ?



[Watch Video Solution](#)

309. How does recycling helps to reduce pollution?



[Watch Video Solution](#)

310. List all the wastes that you generate, at home, school or during your trips to other places. Could you very easily reduce the generation of these wastes? Which would be difficult or rather impossible to reduce?



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311. In what way Peyang conserved the forests?



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312. What are some solutions to toxic dumping in our oceans?



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313. Describe how deforestation might contribute to global warming.



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314. How does forest conservation help to reduce air pollution?



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315. What is SMOG and how it is harmful for us?



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316. Discuss the causes and effects of global warming. What measures need to be taken to control global warming?



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317. Write notes on the following:

Eutrophication



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318. Write notes on the following:

Algal Bloom



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319. Discuss the role of women in protection and conservation of forests.



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320. Discuss the role of an individual to reduce environmental pollution.



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321. Discuss briefly the following:

Catalytic converter



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322. Discuss briefly the following:

Greenhouse gases



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323. discuss briefly the following : Ecosan



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324. How are pollutants classified in terms of ecosystem?



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325. How are degradable pollutants classified based on the time taken for degradation?



Watch Video Solution

326. Define rapidly degradable pollutants?



Watch Video Solution

327. Classify degradable pollutants.



Watch Video Solution

328. What are degradable and non-degradable pollutants ?



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329. What are the functions of gaseous blanket of atmosphere?



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330. Which sources contribute to CO pollution?



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331. Define global warming.



[Watch Video Solution](#)

332. What are the sources of nitrogen oxide emission?



[Watch Video Solution](#)

333. What are particulate matter?



[Watch Video Solution](#)

334. What are particulate matter?



[Watch Video Solution](#)

335. Name the main sources of air pollution.



[Watch Video Solution](#)

336. Define smog.



[Watch Video Solution](#)

337. What is PAN?



Watch Video Solution

338. How does peroxyacetyl nitrate bring about health problem?



Watch Video Solution

339. What is ozone depletion.



Watch Video Solution

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340. What is the reason for the deterioration of Taj Mahal?



[Watch Video Solution](#)

341. What are the main types of sources of water pollution?



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342. What is meant by point sources of water pollution?



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343. Point out any two non-point sources of water pollution.



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344. How are sources of water pollution classified?



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345. Which is referred to as biomagnification?



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346. What does increased BOD and COD bring about?



[Watch Video Solution](#)

347. How is fluorsis caused?



[Watch Video Solution](#)

348. Define the term eutrophication.



[Watch Video Solution](#)

349. What are the effects of eutrophication.



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350. List some of the human diseases related to noise pollution.



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351. Define agrochemicals.



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352. What leads to biomagnification?



[Watch Video Solution](#)

353. What are the stages of eutrophication?



[Watch Video Solution](#)

354. How is a waterbody, during oligotrophic stage?



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355. What happens during mesotrophic stage?



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356. What is meant by accelerated eutrophication?



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357. Explain biological methods of waste water treatment.



[Watch Video Solution](#)

358. Explain the types of bioremediation.



[Watch Video Solution](#)

359. What is Phytoremediation?



[Watch Video Solution](#)

360. Write a note on organic farming.



[Watch Video Solution](#)

361. What is dioxin?



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362. What are the effects of dioxin in the environment?



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363. Define solid waste management?



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364. List some of the waste management practices.



[Watch Video Solution](#)

365. What is radioactive waste? How can it be managed.



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366. What are the types of radioactive wastes?



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367. What are medical wastes?



Watch Video Solution

368. What do large scale changes of global environment lead to?



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369. Define community forestry.



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370. Define 'EcoSan'.



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371. What is the principle applied in EcoSan?



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372. What is Phytoremediation?



Watch Video Solution

373. What is DEET?



Watch Video Solution

374. What is colony collapse syndrome?



Watch Video Solution

375. Define natural aging of lakes.



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376. Name the garbage disposal sites in Chennai.



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377. Give the estimated amount of garbage collected in Chennai per day?



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378. Name any four green house gases.



Watch Video Solution

379. What are the sources of green house gases emission?



Watch Video Solution

380. What are the effects of increased green house gases?



Watch Video Solution

381. Name the three methods used for wastewater treatment?



Watch Video Solution

382. What is Bioremediation ?



[Watch Video Solution](#)

383. What is ods? Name some of them.



[Watch Video Solution](#)

384. What are greenhouse gases? Give an example.



[Watch Video Solution](#)

385. What is sameer?



[Watch Video Solution](#)

386. What is BOD?



[Watch Video Solution](#)

387. What does higher and lower BOD levels indicate?



[Watch Video Solution](#)

388. What is BOD?



[Watch Video Solution](#)

389. List the nuclear disasters that happened in recent periods.



[Watch Video Solution](#)

390. What are the sources of solid wastes? How are solid wastes managed?



[Watch Video Solution](#)

391. Write short notes on "Deforestation".



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392. What are the "Legal protection" measures available against noise pollution?



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393. What does AQI stand for?



Watch Video Solution

394. Mention ways of controlling depletion of ozone layer.



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395. What are the "physical methods" of wastewater treatment?



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396. How do "Leaks and spills" of oil happen?



Watch Video Solution

397. How are medical wastes disposed?



Watch Video Solution

398. Identify the remedy for plastic pollution?



Watch Video Solution

399. Write short note on Acid Rain.



Watch Video Solution

400. How can noise pollution be controlled?



Watch Video Solution

401. Write short notes on "Namami Gange".



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402. What is Chipko movement?



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403. What will be the impact of water pollution on ecosystem?



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404. Why E-wastes are so dangerous?



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405. How dangerous are agrochemicals to the aquatic ecosystem?



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406. Explain chemical method of treatment of wastewater?



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407. Explain the effect of oil spills on organisms.



Watch Video Solution

408. Is it safe to use mosquito repellants? Why?



Watch Video Solution

409. What is the assessment of pollution of Indian rivers by CPCB?



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410. List out the sources of noise pollution.



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411. Write about the control measures to prevent air pollution?



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412. Mention some steps taken by Central and State Government in India to Control Air pollution.



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413. List any two effects of noise pollution.



[Watch Video Solution](#)

414. Who is instrumental in introducing vermitech? Write short notes on him.



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415. Which agriculture keeps the soil alive and in good health? Write about it.



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416. Who was 'agricultural scientist'? Write about him.



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417. How can nuclear wastes be controlled and managed?



[Watch Video Solution](#)

418. Which is referred to as biomagnification?



[Watch Video Solution](#)

419. What are the effects of air pollution on the health of human beings?



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420. What is radioactive waste? How can it be managed.



Watch Video Solution

421. Explain the control measures taken by the government to prevent water pollution.



[Watch Video Solution](#)

422. Write a short note on the source of water pollution.



[Watch Video Solution](#)

423. What are agrochemicals?



[Watch Video Solution](#)

424. Define solid waste management?



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425. Large scale changes of global environment lead to



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Exercise

1. Predation and parasitism are which type of interaction ?

A. (+,+)

B. (+,0)

C. (-,-)

D. (+,-)

Answer:



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2. Which of the following is correct for r-selected species?

A. Large number of progeny with small size

B. Large number of progeny with large size

C. Small number of progeny with small size

D. Small number of progeny with large size

Answer:



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3. Animals that can move from fresh water to sea called as

A. Stenothermal

B. Eurythermal

C. Catadromous

D. Anadromous

Answer:



Watch Video Solution

4. Alpine zone is the zone between

A. Meadow zone and shrub zone

B. Timber zone and show zone

C. Snow zone and sub-snow zone

D. Shrub zone and timber zone

Answer:



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5. Identify the wrong statement

A. Growth is limited by the carrying capacity of the environment

B. Growth pattern turns logistic when the resources become progressively limiting

C. Population of the same or different species in a habitat live in isolation

D. Many insects show explosive increase in number during the rainy season

Answer:



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6. What is pedogenesis ?



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7. What is soil permeability ?



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8. Give the diagnostic characters features of a Biome ?

 [Watch Video Solution](#)

9. Classify the adaptive traits found in organisms.

 [Watch Video Solution](#)

10. How did Charles Elton define 'niche'?





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11. How do animals respond to their environment?



[Watch Video Solution](#)

12. What is meant by population regulation?



[Watch Video Solution](#)

13. Differentiate J and S shaped curve.



[Watch Video Solution](#)

14. What is ecological density, crude density and population density ?



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15. How does Catla, Rohu and Mrigal coexist in the same habitat?



Watch Video Solution

16. Define terrestrial biomes?



Watch Video Solution

17. Write a brief note about terrestrial biomes.



Watch Video Solution

18. What is the type of response made by organisms to maintain homeostasis? Write about it.



Watch Video Solution

19. Describe Growth Models/Curves.



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20. Give the characteristics of forest biome having the annual temperature of $20^{\circ}C - 25^{\circ}C$.



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21. All populations in a given physical area are defined as

A. Biome

B. Ecosystem

C. Territory

D. Biotic factors

Answer:



Watch Video Solution

22. Organisms which can survive a wide range of temperature are called

A. Ectotherms

B. Eurytherms

C. Endotherms

D. Stenotherms

Answer:



Watch Video Solution

23. The interaction in nature, where one gets benefit on the expense of other is..... .

A. Predation

B. Mutualism

C. Amensalism

D. Commensalism

Answer:



Watch Video Solution

24. Predation and parasitism are which type of interaction ?

A. (+,+)

B. (+,0)

C. (-,-)

D. (+,-)

Answer:



Watch Video Solution

25. Competition between species leads to

- A. Extinction
- B. Mutation
- C. Amensalism
- D. Symbiosis

Answer:



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26. Which of the following is an r-species ?

A. Human

B. Insects

C. Rhinoceros

D. Whale

Answer:



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27. Match the following and choose the correct combination from the options given below.

Column I	Column II
A. Mutualism	1. Lion and deer
B. Commensalism	2. Round worm and man
C. Parasitism	3. Birds compete with squirrels for nuts
D. Competition	4. Sea anemone on hermit crab
E. Predation	5. Barnacles attached to Whales.

Dispersal

A. A- 4, B-5, C-2, D -3, E-1

B. A- 3, B-1, C-4, D -2, E-5

C. A- 2, B-3, C-1, D-5, E-4

D. A- 5, B-4, C-2, D-3, E-1

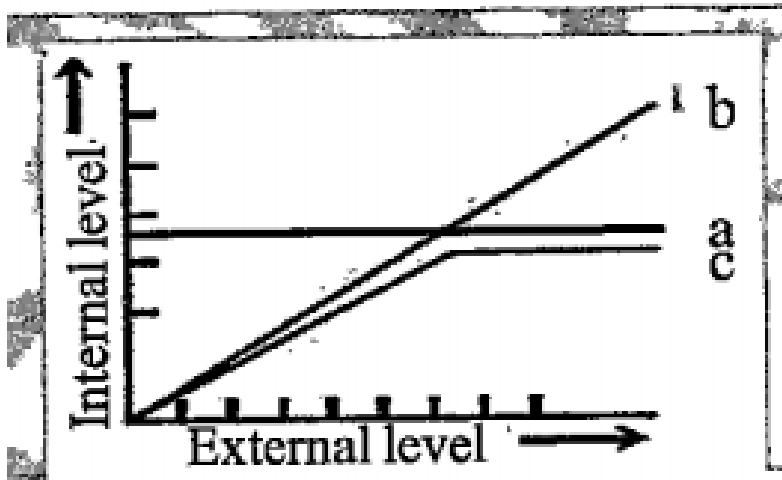
Answer:



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28. The figure given is a diagrammatic representation of response of organisms to abiotic factors. What do a , band c represent

respectively?



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29. The relationship between sucker fish and shark is

- A. Competition
- B. Commensalism

C. Predation

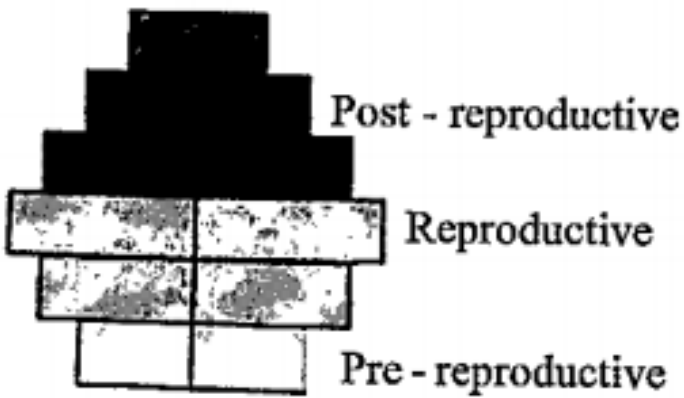
D. Parasitism

Answer:



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30. What type of human population is represented by the following pyramid:



- A. Vanishing population
- B. Stable population
- C. Declining population
- D. Expanding population

Answer:



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31. Which of the following is correct for r-selected species?

- A. large number of progeny with small size
- B. large number of progeny with large size
- C. small number of progeny with small size
- D. small number of progeny with large size

Answer:



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32. Animals that can move from fresh water to sea called as

A. Stenotherma

B. Eurythermal

C. Catadromous

D. Anadromous

Answer:



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33. Some organisms are able to maintain homeostasis by physical means

A. Conform

B. Regulate

C. Migrate

D. Suspend.

Answer:



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34. All the populations of a given area is known as

.....

A. Species

B. Community

C. Biome

D. Niche

Answer:



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35. The soil zone is known as.....

- A. Torrid zone
- B. Lithosphere
- C. Frigid zone
- D. Pedosphere

Answer:



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36. The soil formed from rock by weathering is called.....

- A. Rock soil
- B. Black soil
- C. Embryonic soil
- D. Red soil

Answer:



Watch Video Solution

37. How is the speed of wind measured?

- A. Barometer
- B. Anemometer
- C. Hygrometer
- D. Pluviometer

Answer:



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38. Community and non-living environment function together as.....

A. Biome

B. Ecosphere

C. Ecosystem

D. Territory

Answer:



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39. Group of individuals of any one kind of organism is called.

- A. Population
- B. Biotic community
- C. Community
- D. Biome

Answer:



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40. An area characterised by a major vegetation type is called

A. Ecosystem

B. Ecosphere

C. Biome

D. Territory

Answer:



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41. Largest and self-sufficient biological system that includes all living organisms of the Earth system is called

A. Ecosystem

B. Biome

C. Ecosphere

D. Territory

Answer:



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42. Scientist who coined the term 'niche'

- A. Charles Elton
- B. Georg W. Steller
- C. Donald Putnam
- D. Forbes

Answer:



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43. Van't Hoff's rule describes the impact of
on the environment.

- A. Remains the same
- B. Doubles
- C. Increases by triple fold
- D. Decreases

Answer: B



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44. "Birds and mammals attain greater body size in colder regions than warmer regions." -
Choose the correct option.

A. Van't Hoff's rule

B. Jordan's rule

C. Allen's rule

D. Bergmann's rule

Answer:



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45. Higher diversity and density of populations are found in

A. Polar region

B. Tropical region

C. Temperate region

D. Subtropical region

Answer:



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46. Organisms which can withstand a narrow range of temperature

A. Stenotherms

B. Eurytherms

C. Ectotherms

D. Endotherms

Answer:



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47. Negative phototaxis is seen in

A. Moths

B. Sunflower

C. Earthworm

D. Arctic fishes

Answer:



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48. Many horizontal layers that form soil are called

- A. Embryonic soil
- B. Soil profile
- C. Loam soil
- D. Peat soil

Answer:



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49. What happens to the temperature and density of oxygen as altitude increases?

- A. Temperature and density of oxygen decreases.
- B. Temperature increases and density of oxygen decreases.
- C. Temperature decreases and density of oxygen increases.

D. Temperature and density of oxygen increases.

Answer:



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50. Modification of responses of animals in response to environment within a short span of time

A. Adaptation

B. Acclimatization

C. Accubation

D. Altercation

Answer:



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51. Which biome is almost a treeless plain?

A. Taiga biome

B. Alpine biome

C. Tundra biome

D. Desert biome

Answer:



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52. Which biome is a major source for the logging industry?

- A. Taiga biome
- B. Tundra biome
- C. Alpine biome
- D. Grassland biome

Answer:



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53. The major forest biomes areand

- A. Tropical and Boreal forest
- B. Tropical and temperate forest
- C. Temperature and plantation forest
- D. Boreal foret and plantation forest

Answer:



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54. Desert biomes have rainfall of about

- A. It 500 mm/ year
- B. gt 500 mm/ year
- C. gt 1000 mm/year
- D. gt 800 mm/year

Answer:



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55. Which desert receives lowest rainfall of <15mm per year?

A. American desert

B. Thar desert

C. Kalahari desert

D. Atacama desert

Answer:



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56. Which desert receives a rainfall of about 280 mm/year?

A. American desert

B. Atacama desert

C. Inland Sahara desert

D. Arabian desert

Answer:



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57. Which is the scientific study of animal behaviour, under natural conditions called as

A. Entomology

B. Anthropology

C. Ethnology

D. Ichthyology

Answer:



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58. Which is helpful in echolocating objects in water by aquatic animals?

A. Photoreceptor

B. Electroreceptor

C. Olfactory receptor

D. Rheoreceptor

Answer:



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59. A rapidly growing population will have

A. Large proportion of post reproductive age individuals.

B. Large proportion of reproductive age individuals.

C. Large proportion of young individuals.

D. Equal proportions of young reproductive age and post reproductive age individuals.

Answer:



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60. A declining population tends to have

- A. Small proportion of older individuals
- B. Larger proportion of older individuals.
- C. Larger proportion of reproductive age individuals

D. Small proportion of postreproductive age.

Answer:



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61. What is the type of interaction between a crocodile and birds?

A. Commensalism

B. Amensalism

C. Mutualism

D. Competition.

Answer:



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62. Which is not the characteristic of r-selected species?

A. They mature early.

B. They have stable environment and are density dependent.

C. They have short life expectancy

D. Each individual reproduces only once or few times in their lifetime.

Answer:



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63. Some snails and fish go into To avoid summer related problems.

A. Diapause

B. Hibernation

C. Aestivation

D. Migration

Answer:



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64. Some lower animals that suspend a certain phase of their life cycle is referred to as

A. Diapause

B. Hibernation

C. Aestivation

D. Migration

Answer:



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65. What are cryptic animals ?

- A. Those that become inactive to avoid stress.
- B. Those that migrate to other places
- C. Those that maintain a constant internal environment.
- D. Those that camouflage perfectly with their environment.

Answer:



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66. The average annual temperature in tropical forest ranges from.

A. $0^{\circ} C \rightarrow 10^{\circ} C$

B. $20^{\circ} C \rightarrow 25^{\circ} C$

C. $35^{\circ} C \rightarrow 50^{\circ} C$

D. $30^{\circ} C \rightarrow 37^{\circ} C$

Answer:



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67. Which is not a major terrestrial biome of the earth?

A. Tundra biome

B. Alpine biome

C. Taiga biome

D. Chaparral biome

Answer:



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68. Which biome is known as the zone of permafrost?

A. Tundra biome

B. Taiga biome

C. Alpine biome

D. Forest biome

Answer:



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69. Alpine zone is the zone between

- A. Meadow zone and shrub zone
- B. Timber zone and snow zone
- C. Snow zone and sub-snow zone
- D. Shrub zone and timber zone

Answer:



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70. What are the seasons found in tropical forest

- A. Winter season alone
- B. Rainy and dry seasons
- C. Winter and dry seasons
- D. Rainy and winter seasons

Answer:



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71. Common fauna of the Thar desert are.....

- A. Common fauna of the Thar desert are

B. Indian spiny-tailed lizard, blackbuck and white-footed fox

C. Musk ox, Arctic fox and bob cat

D. Elephant, Gaur and antelope

Answer:



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72. Identify the wrong statement.

A. Growth is limited by the carrying capacity of the environment.

B. Growth pattern turns logistic when the resources become progressively limiting.

C. Population of the same or different species in a habitat live in isolation.

D. Many insects show explosive increase in number during the rainy season.

Answer:



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73. Which of the following region has maximum biodiversity?

A. Taiga

B. Tropical forest

C. Temperate rain forest

D. Mangroves

Answer:



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74. Conservation of biodiversity within their natural habitat is.

- A. In-situ conservation
- B. Ex-situ conservation
- C. In vivo conservation
- D. In vitro conservation

Answer:



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75. Which one of the following is not coming under in-situ conservation?

- A. Sanctuaries
- B. National parks
- C. Zoological park
- D. Biosphere reserve

Answer: C



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76. Which one of the following areas in India, is a hotspot of biodiversity

- A. Western Ghats
- B. Indo-Gangetic plain
- C. Eastern Himalayas
- D. A and C

Answer:



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77. The organization which published the red list of species is

A. WWF

B. IUCN

C. ZSI

D. UNEP

Answer:



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78. Who introduced the term biodiversity?

A. Edward Wilson

B. Walter Rosen

C. Norman Myers

D. Alice Norman

Answer:



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79. Which of the following forests is known as the lungs of the planet earth?

- A. Tundra forest
- B. Rain forest of north east India
- C. Taiga forest
- D. Amazon rainforest

Answer:



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80. Which one of the following are at high risk extinction due to habitat destruction?

A. Mammals

B. Birds

C. Amphibians

D. Echinoderms

Answer:



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81. Assertion: The environmental conditions of the tropics are favourable for speciation and diversity of organisms. **Reason:** The climate, seasons, temperature, humidity and photoperiod are more or less stable and congenial.

A. Both Assertion and Reason are true and Reason explains Assertion correctly.

B. Both Assertion and Reason are true but Reason is not the correct explanation of Assertion.

C. Assertion is true , but Reason is false

D. Both Assertion and Reason are false

Answer:



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82. Taxonomic impediment means no full knowledge of our

A. Ecosystem wealth

B. Natural wealth

C. Diversity wealth

D. Habitat wealth

Answer:



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83. The number of species India holds currently

A. 100000

B. 120000

C. 92000

D. 80000

Answer:



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84. There is a serious threat to Biodiversity from

- A. Decreasing human population
- B. Increasing human population
- C. Decreasing animal population
- D. Increasing animal population

Answer:



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85. The 1992 UN Earth Summit defined Biodiversity as the variability among living organisms from all sources that include

- A. Terrestrial
- B. Marine
- C. Aquatic ecosystems
- D. All the above

Answer:



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86. Select the correct linear equation describing the species area relationship?

A. $\log S = \log C + AZ \log$

B. $\log S = \log C + Z \log A$

C. $\log C = \log S + \log AZ$

D. $\log S = \log Z + \log A$

Answer:



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87. When did George, the tree snail in Hawai become extinct?

A. 43160

B. Jan 25,2019

C. 43585

D. 43466

Answer:



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88. Periyar wild life sanctuary in Kerala is famous for

- A. Tiger and Lion
- B. Flying squirrel and wild fox
- C. Flamingos and Cheetah
- D. Indian Tiger and Asiatic Elephants

Answer:



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89. Increasing biodiversity occurs from

A. *Tropics* → *Polar*

B. *Polar* → *Tropics*

C.

From Plains → *High Altitude Mountains*

D. *Seasurface* → *Deep Ocean*

Answer:



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90. The purpose of establishing National Park is

- A. Grazing
- B. Hunting animal
- C. Development
- D. Wild life protection

Answer:



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91. Which one is not related to biosphere reserve?

- A. International designation by UNESCO
- B. To deal with conservation of biodiversity
- C. Economic and social development
- D. Changing associated cultural values

Answer:



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92. Kaziranga National Park is protected area for

- A. Tiger
- B. Leopard

C. Elephant

D. One horned rhinoceros

Answer:



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93. Which is not allowed inside the “wild life sanctuaries?”

A. Collection of forest products

B. Regulated harvest of timber

C. Private ownership of land

D. Hunting and Poaching

Answer:



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94. The table shows the number of species of birds seen in some places.

Colombia - 1400

New York - 105

Greenland - 56

India - 1200

South America (Amazon) - 1300

What could be the reason for the difference in the number of bird species present? Justify your answer.

- A. Located in polar
- B. Located in temperate zone
- C. Located in tropics
- D. Located in arid zone

Answer:



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95. What does MSL means?

- A. Meridian sea level
- B. Mean sea level
- C. Maximum sea level
- D. Minimum sea level

Answer:



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96. What will be the result, if the relationship between species richness and area for wide variety of taxa are plotted on a long scale?

- A. A circular hyperbola
- B. A rectangular hyperbola
- C. Straight hyperbola
- D. Semicircle hyperbola

Answer:



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97. Where do you find the richest wild sheep and wild goats in the world

- A. Deccan Peninsula
- B. Western Ghats
- C. Thar desert
- D. Trans Himalayan region

Answer:



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98. Wild ass is endemic to

A. Semi arid zones

B. Himalayas

C. Eastern Ghat

D. Indian desert

Answer:



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99. Which one of the State animal of Tamil Nadu is found in Western Ghats?

A. Leopard

B. Nilgiri Langur

C. Nilgiri Tahr

D. Lion tailed Macaque

Answer:



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100. Individual home range of lion can be about

A. 50 sq.Km

B. 25 sq.Km

C. 75 sq.Km

D. 100 sq.Km

Answer:



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101. What is Co-extinction?

- A. Extinction of one species causes extinction of another
- B. Extinction of mass of species
- C. Extinction of alien of species
- D. Extinction of native of species

Answer:



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102. Which species have become extinct in the last 200 to 300 years

- A. Dodo
- B. Passenger pigeon
- C. Steller's sea cow
- D. All of the above

Answer:



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103. Fruit eaters are known as

- A. Frugivore
- B. Carnivore
- C. Herbivore
- D. Omnivore

Answer:



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104. According to the red list of IUCN 2012, how many animals are on the threshold of extinction?

A. 4009

B. 5009

C. 3079

D. 3009

Answer:



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105. Which biosphere is established for marine animal's protection?

- A. Gulf of Kutch
- B. Gulf of Mannar
- C. Andaman and Nicobar
- D. Lakshadweep

Answer:



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106. Need becomes greed”? What does it refer to?

- A. Sustainable development
- B. Unsustainable development
- C. Overexploitation of natural resources
- D. Habitat fragmentation

Answer:



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107. Around 200 types of Cichlid fish species became extinct because of introduction of Nile Perch, an invasive and alien species in

- A. Lake victoria
- B. Lake superior
- C. Dal lake
- D. Michigan lake

Answer:



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108. Which is not true about jhum cultivation

- A. It is slash and burn agriculture
- B. It is known as shifting agriculture
- C. It is prevalent in North Eastern States of India
- D. It is modern Agriculture

Answer:



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109. Among the following, identify the one that is
“National Park”

A. Vedanthangal Lake -Kanchipuram

B. Mundanthurai -firunelveli`

C. Point Calimere-Nagapattinam

D. Mukurthi-Nilgiris

Answer:



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110. The Madras Crocodile Bank trust and Centre for Herpetology was the brain child of the legendary

- A. Roshan
- B. Dr Swaminathan
- C. Romulus Whitaker
- D. Dr Ismail

Answer:



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111. The type of connection between Calvaria and the Dodo bird of Mauritius is the best example for

- A. Symbiosis
- B. Co-extinction
- C. Predation
- D. Non-extinction

Answer:



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112. Diclofenac is a drug responsible for thinning of egg shells in

- A. Owl population
- B. Pelican population
- C. Pigeon population
- D. Vulture population

Answer:



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113. A very small population of a species faces a greater thread of extinction than a larger population. Provide a suitable genetic explanation.

- A. Inbreeding depression
- B. More adaptivity
- C. Large number of variation
- D. Predator and diseases

Answer:



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114. What is the current estimate of different species on Earth?

A. 3 - 5 million

B. 12 - 15 million

C. 4 - 6 million

D. 8 - 9 million

Answer:



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115. Which is not the index of diversity?

A. Alpha diversity

B. Beta diversity

C. Delta diversity

D. Gamma diversity

Answer:



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116. Which diversity is measured by counting the number of taxa within a particular area?

- A. Ecosystem diversity
- B. Beta diversity
- C. Alpha diversity
- D. Gamma diversity

Answer:



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117. Name the diversity measured by comparing the number of species unique to each ecosystem

- A. Delta diversity
- B. Beta diversity
- C. Alpha diversity
- D. Gamma diversity

Answer:



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118. Genetic variants of paddy in India is estimated to be

- A. About 5000
- B. More than 1,00,000
- C. More than 50000
- D. Less than 1000

Answer:



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119. Which is not the factor in determining biodiversity distribution patterns?

- A. Temperature
- B. Altitude from sea level
- C. Precipitation
- D. Energy flow

Answer:



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120. Which is the crucial indicator of richness in an ecosystem?

A. Endemism

B. Localism

C. Adventism

D. Dandyism

Answer:



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121. Why North East region is the "Biogeographical gateway" for much of India's fauna and flora?

- A. Gangetic plains
- B. Deccan plateau
- C. North-East India
- D. Western Ghats

Answer: C



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122. Which is the second major cause for extinction of species?

- A. Overexploitation
- B. Exotic species invasion
- C. Habitat loss
- D. Pollution

Answer:



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123. Practice of jhum cultivation leads to

A. Loss of forest cover

B. Pollution

C. Discharge of CO_2

D. All of the above

Answer:



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124. Which activity do not lead to anthropogenic extinction?

A. Habitat destruction

B. Industrialization

C. Evolutionary changes

D. Urbanisation

Answer:



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125. Animal saved from extinction by ex -situ conservation is

A. Gangetic dolphin

B. Dodo

C. Steller s sea cow

D. Passenger pigeon.

Answer:



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126. Assertion: Seeds of commercially important plants are preserved for long periods in Gene banks. Reason: Gene bank is a conservation option for rare seeds.

- A. Both Assertion and Reason are true and Reason explains Assertion correctly.
- B. Both Assertion and Reason are true but Reason is not the correct explanation of Assertion.
- C. Assertion is true, but Reason is false.
- D.

Answer:



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127. Find out the wrong statement

- A. Biodiversity hotspots are regions that harbour great diversity of endemic species.
- B. Hotspot is a region that has lost more than 70% of its original vegetation.
- C. Hotspots are not impacted by human activities
- D. Hotspots experience unusual rapid rate of habitat modification

Answer:



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128. Which is not a category of species of red list?

- A. Exotic species
- B. Critically endangered species
- C. Lower risk species
- D. Extinct in wild

Answer:



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129. Which was responsible for destroying fish population in the wetlands of Kolkata?

- A. Tilapia fish
- B. Amazon sailfin fish
- C. Nile Perch
- D. Labeo kontius

Answer:



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130. Which one of the following is not coming under in-situ conservation?

- A. Gene bank
- B. Zoological Park
- C. National park
- D. Biosphere reserve_

Answer: B



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131. It is a protected area for one homed rhinoceros

A. Kaziranga National Park

B. Mukurthi NP

C. Mudumalai NP

D. Anamalai NP

Answer:



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132. The fertile biogeographical region extending up to the Himalayan foot hills

- A. Deccan peninsula
- B. North East India
- C. Trans Himalayan region
- D. Gangetic plains

Answer:



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133. Black bucks and barking deer are found here

A. Deccan peninsula

B. Trans himalayas

C. Himalayas

D. Western Ghats

Answer:



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134. Which one is extinct?

A. Fruit bats

B. Sparrows

C. Indian Bustard

D. Passenger pigeon

Answer:



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135. Match the following:

- | | | |
|---------------------|---|-------------------------|
| a) Gangetic plains | - | 1. Golden langur |
| b) North East India | - | 2. Four horned antelope |
| c) Deccan Peninsula | - | 3. Hog deer |
| d) Semi arid zones | - | 4. Sloth bear |

A. a-3, b-1, c-4, d-2

B. a-2, b-3, c-1, d-4

C. a-1, b-2, e-3, d-4

D. a-4, b-1, c-2, d-3

Answer:



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136. Death of _____ population is attributed to the medicine diclofenac.

A. Mercury

B. Cadmium

C. Chromium

D. Diclofenac

Answer:



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137. Which is not extinct

A. Dodo

B. Passenger pigeon

C. Steller's sea cow

D. Amazon sailfin cat fish

Answer:



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138. Right to Clean Water is a fundanmental right,
under the Indian Constitution

A. Article 12

B. Article 21

C. Article 31

D. Article 41

Answer:



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139. With which of the following, the Agenda 21' of Rio Summit, 1992 is related to?

- A. Sustainable development
- B. Combating the consequences of population
- C. Mitigation norms of Green House Gases (GHGs) emission

D. Technology transfer mechanism to developing countries for 'clean energy' production

Answer:



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140. Which among the following awards instituted by the Government of India for individuals or communities from rural areas that have shown extraordinary courage and dedication in protecting Wildlife?

A. IndiraGandhiParyavaranPuraskar

B. Medini Puruskar Yojana

C. Amrita Devi Bishnoi Award

D. Pitambar Pant National Award

Answer:



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141. The 'thickness' of Stratospheric Ozone layer is measured in/on:

A. Sievert units

B. Dobson units

C. Melson units

D. Beaufort Scale

Answer:



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142. Which among the following is the most abundant Green-House-Gas (GHG) in the earth's atmosphere?

A. Carbon dioxide

B. Water Vapour

C. Sulphur dioxide

D. Tropospheric Ozone

Answer:



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143. As per 2017 statistics, the highest per capita emitter of carbon dioxide in the world is

A. USA

B. China

C. Qatar

D. Saudi Arabia

Answer:



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144. The use of microorganism metabolism to remove pollutants such as oil spills in the water bodies is known as

A. Biomagnification

B. Bioremediation

C. Biomethanation

D. Bioreduction

Answer:



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145. The Ozone Day is observed every year on September 16 as on this day in 1987 the _____ was signed for launching efforts to arrest the depletion of the fragile ozone layer in the stratosphere that prevents the harmful ultra

violet rays of the sun from reaching the earthh,

Fill the correct word in blank.

A. Montreal Protocol

B. Geneva Protocol

C. Kyoto Protocol

D. Nagoya Protocol

Answer:



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146. Which among the following always decreases in a food chain across trophic levels?

- A. Number
- B. Accumulated chemicals
- C. Energy
- D. Force

Answer:



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147. In the E-waste generated by the Mobile Phones, which among the following metal is most abundant?

A. Copper

B. Silver

C. Palladium

D. Gold

Answer:



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148. The Hydrochlorofluorocarbons (HCFCs) are the compounds which have the following molecules in abundance:

A. Hydrogen

B. Carbon

C. Chlorine

D. Fluorine

Answer:



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149. SMOG is derived from:

A. Smoke

B. Fog

C. Both A and B

D. Only A

Answer:



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150. Excess of fluoride in drinking water causes.....

- A. Lung disease
- B. ntestinal infection
- C. Fluorosis
- D. None of the above

Answer:



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151. Which one is not a natural disaster?

A. Flash floods

B. Cyclones

C. Mining

D. Tsunami

Answer:



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152. Which one of the following is not an air pollutant ?

A. Lead

B. Iron

C. Chromium

D. Mercury

Answer:



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153. Anthropogenic factors of pollution are due to

A. Animals

B. Birds

C. Fishes

D. human beings

Answer:



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154. Depletion of Ozone is due to

A. Hydrogen

B. Oxygen

C. Nitrogen

D. CFC

Answer:



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155. Taj Mahal in India which was once a white marble beauty has become yellow?

A. Industrial pollution

B. Water Pollution

C. Ultraviolet Radiation

D. Desertification

Answer:



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156. The intensity of noise is measured in _____

A. Units

B. Scale

C. Roentgen

D. Decibel

Answer: D



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157. The ozone layer was discovered in 1913 by

A. Charles Fabry and Henri Buisson

B. Sunderlal Bahuguna

C. Jadav Payeng

D. Dr. Sultan Ahmed

Answer:



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158. Acid rains contain the following acidic components

- A. Hydrochloric acid
- B. Sulphuric acid or Nitric acid
- C. Acetic acid, Hydrochloric acid
- D. Amino acid, Hydrochloric acid

Answer:



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159. Average human consumption of oxygen per day is _____.

A. 500 L

B. 400 L

C. 550 L

D. 300 L

Answer:



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160. Oxygen production by one healthy tree/year is

A. 100000 L

B. 1050000 L

C. 25000 L

D. 100375 L

Answer:



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161. In the following, which step is not considered for waste water treatment?

- A. Physical Treatment
- B. Chemical Treatment
- C. Biological Treatment
- D. Radiation

Answer:



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162. Which is not point sources in the discharge of pollutants?

A. Factory Effluents

B. Sewage

C. Oil wells

D. Acid Rain

Answer:



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163. Leaks and spills mostly occur in places due to

- A. Ship collision
- B. Offshor oil rigs
- C. Explosion of oil pipe lines
- D. All of the above

Answer:



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164. Find the oddman out. "Namami Gange programme is a flagship program for

- A. Reducing pollution
- B. Conservation
- C. Rejuvenation
- D. Finding River Saraswati

Answer:



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165. Increase in concentration of toxicant at successive trophic levels is called :

- A. Funigation
- B. Bioremediation
- C. Radiation
- D. Biomagnification

Answer: D



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166. What does EPA stand for

- A. Environment patrol Agency
- B. Environment policy Agency
- C. Ecological policy Agency
- D. Environment Protection Agency

Answer:



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167. Algal bloom represents

- A. Less dissolved oxygen
- B. Robust growth of Algae
- C. Displacement of native species
- D. All of the above

Answer:



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168. A lake which has clean waters and supports little life _____.

- A. Oligotrophic

B. Mesotrophic

C. Cultural eutrophication

D. Accelerated eutrophication

Answer: A



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169. Mosquito repellants contain..... chemicals that causes allergic reactions.

A. DEET and nitrous oxide

B. DEET and allethrin

C. Allethrin and acetanilide

D. Allethrin and decaborane

Answer: B



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170. "Organic Farming" use only this fertiliser.

A. Potassium sulphate

B. Urea

C. Ammonium Nitrate

D. Biofertiliser

Answer:



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171. Name the toxic gas that is produced when hazardous wastes are burnt.

A. Dioxin

B. Nitrogen

C. Oxygen

D. Ammonia

Answer:



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172. Hazardous solid waste should not be treated by this process.

- A. collection
- B. Treatment
- C. Burning
- D. Disposal of waste

Answer:



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173. The "Water Act" (Prevention and control fo pollution Act) was enacted in

A. 1974

B. 1975

C. 1973

D. 1972

Answer:



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174. Method which is not employed to manage nuclear waste:

- A. Spent fuel pools
- B. Vitrification method
- C. Geological repositories
- D. Incineration

Answer:



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175. Recycling of E-waste poses significant risk to its' workers due to

- A. Unsaee exposure
- B. Leaking of heavy metals
- C. Incinerator ashes
- D. All of the above

Answer:



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176. Large scale changes of global environment lead to

- A. Climate change
- B. Ozone depletion
- C. Change in Ecosystem
- D. All of the above

Answer:



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177. Where and when did "Earth summit" take place?

A. Rio de Janeiro, 1992

B. Bonn, 2017

C. Montreal, 2016

D. New York, 2015

Answer:



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178. The endangered species Nilgiri Tahr would lose 60% of its habitat from 2030s. What is the reason for this?

- A. Evolution
- B. Competition
- C. Climate change
- D. Loss of productivity

Answer:



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179. Skin cancer, melanoma can occur when human beings are exposed to

- A. Radioactive materials
- B. Ultraviolet Radiation
- C. Chemicals
- D. Adulterated food

Answer:



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180. Identify the remedy for plastic pollution?

A. Recycle

B. Reduce

C. Reuse

D. All the above

Answer:



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181. The approximate percentage of forest cover of the world's landmass is

A. 0.5

B. 0.2

C. 0.3

D. 0.1

Answer:



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182. Identify the common methods of deforestation

A. Burning trees and poaching

B. Burning trees and clear cutting

C. CFCs and clear cutting

D. Poaching and clear cutting

Answer:



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183. Chipko movement was started by

A. Jadav Payeng

B. Sunderlal Bahuguna

C. Amrita Devi

D. Abhay Singh

Answer:



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184. Which tree was cut by Maharaja of marwar, Rajasthan?

- A. Teak Wood Tree
- B. Sandal Wood Tree
- C. Rose Wood Tree
- D. Green Khejri Tree

Answer:



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185. "Amrita Devi Bishnoi smriti Award" is given for.

- A. Conservation of water
- B. Conservation of wild life
- C. Conservation of forest
- D. Conservation of Bishnoi culture

Answer:



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186. Bishnoi culture stands for saving

- A. Mount Abu
- B. Thar desert
- C. Native cows
- D. Tree

Answer:



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187. Ecosan toilets are widely used in

A. USA and England

B. Germany and Belgium

C. India and Sri Lanka

D. India and Mauritius

Answer:



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188. When is ozone day celebrated?

A. March 7`

B. January 26`

C. August 15`

D. September 16`

Answer:



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189. Identify the solid waste generated from construction and demolition

A. Pesticide

B. Concrete

C. Yard waste

D. Chemicals

Answer:



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190. E-Waste contain

A. Lead

B. Mercury

C. Cobalt

D. All the above

Answer:



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191. Identify solid "Agriculture waste" from the following :

- A. Pesticide container
- B. Spoiled food items
- C. Stubble
- D. All the above

Answer:



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192. Match the following

Environmental Conventions	Place and year
i) Montreal Protocol	- A) Bonn, 2017
ii) Earth Summit	- B) Vienna, 1987
iii) Kyoto Protocol	- C) Riode de Jannero, 1992
iv) COP 23 climate change summit	- D) Kyoto, 1997



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193. Industrial solid wastes do not contain

A. Packaging waste

B. Cans

C. Chemicals

D. Drugs

Answer:



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194. UN first conference of human environment was held in

A. Johannesburg - 2002

B. New York U.S.A. -2015

C. Kigali Rwanda - 2016

D. Stockholm, Sweden - 1072

Answer:



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195. When did Tamil Nadu government ban single use plastics?

- A. 1st january 2019
- B. 8th january 2019
- C. 11th january 2019
- D. 21th january 2019

Answer:



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196. Where are chlorofluorocarbons used.

- A. Refrigerator
- B. Airconditioner
- C. Washing machine
- D. a and b

Answer:



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197. What is the App that is introduced to find out Air Quality Index(AQI)?

- A. Facebook
- B. Twitter
- C. Google
- D. Sameer

Answer:



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198. Sections 17 to 40 of water Act prohibit

A. disposal of polluting mater into mater
bodies

B. the use of synthetic fertilizers and
pesticides

C. Release of hot water from industries

D. All the above

Answer:



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199. Gas produced by incomplete combustion of fossil fuels _____.

A. Carbon monoxide

B. Carbon dioxide

C. Sulphur dioxide

D. Nitric oxide

Answer: A



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200. Are released into the atmosphere due to rapid urbanization.

- A. Nitrogen and hydrogen
- B. Carbon dioxide and sulphur dioxide
- C. Sulphur dioxide and water vapour
- D. Nitrogen oxides

Answer:



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201. Which is a secondary pollutant in photochemical smog?

A. CFC

B. Sulphuric acid

C. Peroxyacetyl nitrate

D. Methane

Answer:



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202. Air quality Index number 200 denotes

A. Good

B. Hazardous

C. Unhealthy for sensitive group

D. Moderate

Answer:



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203. Which does not occur due to increased BOD and COD?

- A. Clogging of fish gills
- B. Increased dissolved oxygen
- C. Clogging of the feathers of aquatic birds
- D. Death of organisms

Answer:



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204. Which is not formed due to eutrophication?

- A. Algal blooms
- B. Decreased water quality
- C. Red tide
- D. Fluorosis

Answer:



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205. Which is the theshold of pain?

A. 80 db

B. 120 db

C. 160 db

D. 140 db

Answer:



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206. What do Article 48A and Article 51-A of the constitution of India deal with?

A. Right to clean water

B. Raise the standard of living

C. Regulation and control of noise pollution

D. Restricted use of agrochemicals

Answer:



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207. The concentration of DDT is At successive trophic levels in a food chain.

A. Decreased

B. Increased dissolved oxygen

C. the same

D. metabolised

Answer:



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208. Which method is not adopted for primary disposal of medical wastes?

A. Microwave irradiation

B. Landfill

C. Encapsulation

D. Autoclaving

Answer:



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209. Excessive release of and have direct impact on depletion of ozone layer.

A. Chlorine and bromine

B. Bromine and fluorine

C. Chlorine and carbon

D. Bromine and carbon

Answer:



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210. Who is honoure as Forest man of India?

- A. Amrita Devi
- B. Abhay Singh
- C. Jadav Payeng
- D. Sunderlal Bahuguna

Answer:



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