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Registration number:

ST. JOSEPH’S COLLEGE (AUTONOMOUS), BENGALURU-27

I SEMESTER

SEMESTER EXAMINATION: OCTOBER 2021

(Examination conducted in January-March 2022)

AECC – Environmental Studies

Time- 2 hrs Max Marks-60

This question paper contains 60 MCQs and each MCQ carries ONE mark

1. Farming is an example for-
2. Artificial Environment
3. Natural Environment
4. Botha A and B
5. None of these
6. \_\_\_\_\_\_\_\_\_\_ percentage of water is available for human consumption and other activities
7. 2%
8. 1%
9. 3%
10. 97%
11. Sustainability achieved at the crossroads of
12. Economic goals
13. Social responsibility
14. Environmental protection
15. All of these
16. Ecosystems comprise of
17. Plants, animals and soil
18. Solar energy and organisms
19. Soil, water and gasses
20. Abiotic components, Biotic components, cycling of matter and flow of energy
21. ‘Factors that impact Ecosystem’ are
22. Temperature
23. Precipitation
24. Geography
25. All of these
26. Energy produced by photosynthesis minus energy consumed by plants is
27. Gross Primary Productivity
28. Net Primary Productivity
29. Productivity
30. Respiration
31. Nutrients moving between abiotic and biotic components of an ecosystem represent
32. Energy cycles
33. Life cycles
34. Bio-geo chemical cycles
35. Mineral cycles
36. A series of organisms that eat one another resulting in the flow of energy from one organism to the other is called as
37. Food chain
38. Food web
39. Photosynthesis
40. Bio-geo chemical cycle
41. Which of the following factors are responsible for secondary succession?
42. Wildfires
43. Floods
44. Both A and B
45. None of these
46. The camels are incredibly well-adapted to hot, arid climates of the desert is due to the presence of
47. Long neck
48. Oval shaped blood cells
49. Short tail
50. Body hair
51. \_\_\_\_\_\_\_\_\_ holds the major share of land use in India
52. Fallow land
53. Forest area
54. Net sown area
55. Permanent Pastures
56. Which of the following do not pollute agricultural soil?
57. Synthetic fertilizer application
58. Insecticide application
59. Domestic effluents
60. Incorporating agriculture/crop waste in to the land
61. One of the following is not a step of Soil erosion
62. Detachment
63. Movement
64. Deposition
65. Degradation
66. The progressive stage of soil erosion is
67. Sheet-Splash-Gully-Rill
68. Splash-Sheet-Rill-Gully
69. Rill-Gully-Splash-Sheet
70. Gully-Sheet-Rill-Splash
71. Restoration degraded soil involves
72. Introduction of organic matter and planting
73. Rain water harvesting and contour bunds
74. Vegetation with high organic carbon output
75. All of these
76. Dam do not alter
77. Fish biology
78. Dissolved oxygen level and water temperature in dam
79. Total quantity of river water
80. Distribution of silt throughout river course
81. The amount of actual fresh water available for all the life forms in lakes, swamps and rivers is
82. 3%
83. 0.3%
84. 0.03%
85. 0.003%
86. 2018 IMF report enlisted Pakistan on 3rd position on countries facing acute shortage of water. India’s position in the list was
87. 4th
88. 6th
89. 9th
90. 12th
91. In sorting out water dispute between states one of the following is not a reason
92. No expert members in the panel
93. Delay in award of judgement
94. States rejecting the award and appealing to higher courts
95. Delay and shortfall of rain in a year
96. Pick a non-renewable energy source
97. Solar
98. Geo-thermal
99. Bio-mass
100. Natural gas
101. Biodiversity is not measured at \_\_\_\_\_\_\_\_\_\_\_ level
102. Genetic
103. Species
104. Ecosystem
105. Community
106. No human activity is allowed in
107. WLS
108. Biosphere Reserve
109. National Park
110. Sacred groove
111. One of the anthropogenic damages caused to mangrove ecosystems is
112. Tsunami
113. Shrimp farms
114. Honey harvesting
115. Residential complexes
116. Identify the endemic species
117. Lion tailed macaque
118. Nilgiris langur
119. Bonnet macaque
120. Western ghat black lion
121. Shifting cultivation (Jhum) is common in \_\_\_\_\_\_\_\_\_\_\_
122. North east India
123. Madhya Pradesh
124. Deccan Plateau
125. Thar
126. A negative side effect of economic development is
127. Poverty alleviation
128. Environmental pollution
129. Improved standard of life
130. Appropriate use of resources
131. Hot water / industrial effluents released into a river is a reason for the
132. Increase in algal populations
133. Increase of dissolved oxygen levels
134. Reduction of dissolved oxygen levels
135. Reduction in the metabolic activity of organisms
136. An appropriate measure to reduce Waste management costs is
137. Incineration
138. Proper disposal
139. Sanitary landfill
140. Reuse
141. Sound levels <70dB are
142. Declared as noise pollution
143. A reason for hearing loss in human beings
144. Responsible for miscarriages in human beings
145. Suitable for living organisms
146. Mercury, Lead, Cadmium and Beryllium can be recovered from
147. Organic wastes
148. E-wastes
149. Wastes from sugar mills
150. Wastes from vegetable markets
151. Oxides of Sulphur and oxides of nitrogen in the atmosphere
152. play a role in Ozone recovery
153. key components of fertilizer pollution
154. are responsible for acid rain
155. key components of pesticide pollution
156. Carboxyhaemoglobin in human beings is formed due to
157. Carbon-monoxide pollution
158. Carbon-dioxide pollution
159. Iron pollution
160. Carbon tetra chloride pollution
161. Fossil fuel burning contributes to
162. Climate change
163. Reduction in greenhouse gases
164. Ozone recovery
165. Increased oxygenation of the atmosphere
166. Petrol, paints and cleaning chemicals release
167. Settleable solids
168. Volatile Organic Compounds
169. Synthetic minerals
170. Compostable organic matter
171. Stress and hypertension may be a result of noise beyond \_\_\_\_\_\_\_\_reaching our bare ears.
172. 85dB
173. 75dB
174. 70dB
175. 65dB
176. The Government of India passed Environment Protection Act in the year
177. 2006
178. 1996
179. 1986
180. 1976
181. Greenhouse effect can lead to
182. Ocean acidification
183. Decolouration of taj mahal
184. High tides
185. Decrease in crop production
186. CFCs/HFCs are used in \_\_\_\_\_\_\_\_\_
187. Refrigerator
188. Geyser
189. LED TV
190. Washing Machine
191. Which among the following is not an effect of global warming?
192. Population growth
193. Wildfires
194. Droughts
195. Heavy rains
196. Acid rains cause \_\_\_\_\_ colouring to marble of Taj Mahal
197. Yellow
198. Purple
199. Green
200. Black
201. National Green Tribunal was established in \_\_\_\_\_\_
202. 2010
203. 2012
204. 2008
205. 2009
206. Which of the following factors are affected due to population growth?
207. Water
208. Land resources
209. Atmosphere
210. All of these
211. Fossil fuels are obtained from
212. Oceans
213. Earth
214. Forests
215. Atmosphere
216. ‘Seismic waves’ are related to
217. Floods
218. Land Slides
219. Earth Quakes
220. Deforestation
221. The Beaufort Scale is used to measure
222. Cyclones
223. Earth quakes
224. Floods
225. Population growth
226. Chipko movement was a
227. Violent, ecological movement
228. Non-violent ecological movement
229. Non-social ecological movement
230. Non-violent social, ecological movement
231. Silent Valley is in
232. Karnataka
233. Kerala
234. Andhra Pradesh
235. Tamil Nadu
236. Environmental communication helps in
237. Rising environmental awareness
238. Promoting dialogue
239. Improving policies
240. All of these
241. In “BS system” of emission what does ‘B’S stand for
242. Bharath System
243. Bharath Source
244. Bharath Stage
245. Bharath Standard
246. Based on the type of moisture waste can be classified to
247. Liquid waste and solid waste
248. Dry and wet waste
249. Dry and liquid waste
250. Wet and plastic waste
251. \_\_\_\_\_\_\_\_ pollution does not leave residue after occurring but can cause damage
252. Air
253. Noise
254. Water
255. Nuclear waste
256. Temperature and rainfall are ……………………… components of an environment
257. Biological
258. Physical
259. Social
260. Cultural
261. What are the four segments of environment?
262. Ocean, River, Lake and Stream
263. Forest, Grassland, Desert and Poles
264. Atmosphere, Hydrosphere, Lithosphere and Biosphere
265. Light, temperate, humidity and pH
266. UNCCD stands for
267. United Nations Convention to Combat Deforestation
268. United Nations Convention to Combat Desertification
269. United Nations Convention to Counteract Development
270. United Nations Convention to Combat Degradation of land
271. Pick a factor that reduce the soil erosion
272. Loose soil
273. Lack of soil moisture
274. High Organic matter
275. Poor soil structure
276. Discarded plastic, paper, glass and metal are the chief constituents of
277. Bio-degradable waste
278. Liquid waste
279. Urban solid waste
280. Gaseous waste
281. Carbon dioxide, Methane, Nitrous oxide and Water vapour are
282. Greenhouse gasses
283. The pollutants of the indoor atmosphere
284. Generated in paddy fields
285. Part of the ozone depleting gasses
286. The Sun's energy stored by plants is called
287. Chlorophyll
288. Biomass
289. Energy
290. Calorie
291. Ozone is present in \_\_\_\_\_\_\_\_\_\_\_
292. Ionosphere
293. Troposphere
294. Stratosphere
295. Exospsphere
296. Unlimited cutting of trees leads to
297. Floods
298. Cyclones
299. Land slides
300. Industrialization