

SECTION - A

ANSWER ANY TWO QUESTIONS

2 X 5 = 10 Marks

1. Explain about energy consumption sectors?
2. Write about levels of Biodiversity?
3. Write about Hydroelectric energy and Nuclear energy with advantages and disadvantages?
4. Explain the terms of Carbon foot print and Global energy consumption?

SECTION - B

Choose the correct option for the following questions

20 X 1 = 20 Marks

1. How many times the Global energy consumption has been increased since 1800? []
a. 22 b. 23 c. 24 d. 25
2. How much percentage of solar energy is able to harness at present? []
a. 0.00001% b. 0.0001 % c. 0.001 % d. 0.01 %
3. Which place is regarded as birth place of Wind energy? []
a. Brazil b. US c. Denmark d. South Korea
4. Full form of IUCN _____ []
a. International Union for Chemical Nomenclature
b. International Union for Climate and Natural resources
c. International Union for the Conservation of Natural Resources
d. International Union for Climate and Natural Calamities
5. Which country is Asia's second biggest energy consumer since 2008 []
a. China b. India c. Japan d. US
6. Write full form of LED _____
7. Write full form of CFL _____
8. How many countries are identified as **megadiverse** countries in the world? []
a. 15 b. 16 c. 17 d. 18

9. Which animal numbered more than three billions in mid 1800s are now extinct []
 - a. Otter
 - b. Pangolin
 - c. Passenger pigeon
 - d. Polar bear
10. Example for endangered animal____ []
 - a. Polar bear
 - b. Orangutan
 - c. Otter
 - d. all
11. What are the reasons for increasing Global energy consumption? []
 - a. Growth in per capita income
 - b. Growth in population
 - c. a & B
 - d. None
12. How much percentage of energy consumption is set to grow by 2035 in India? []
 - a. 2.2 %
 - b. 3.2%
 - c. 4.2%
 - d. 5.2 %
13. Which is the largest Solar power plant in the world ? []
 - a. Kurnool solar park
 - b. Bhadla Solar park
 - c. Kamudi Solar park
 - d. Pavgada Solar park
14. Which is the largest Wind power plant in the world ? []
 - a. Denmark
 - b. Ghansu
 - c. Muppandal
 - d. Geyser
15. In which country the Fukushima nuclear power plant accident took place in 2011? []
 - a. Ukraine
 - b. Japan
 - c. Germany
 - d. South Korea
16. Full form of LPG_____
17. Biodiversity term introduced by _____ []
 - a. Aristotle
 - b. Linnaeus
 - c. Walter Rosen
 - d. Lamarck
18. How many species of plants, animals and micro organisms exist in the world? []
 - a. 40 million
 - b. 50 million
 - c. 60 million
 - d. 70 million
19. Poodles, German shepherds and Golden retrievers are example for _____ []
 - a. Functional Diversity
 - b. Community Diversity
 - c. Species Diversity
 - d. Genetic diversity
20. How many biogeographic regions are present in India ? []
 - a. 17
 - b. 10
 - c. 26
 - d. 28