

CBCS SCHEME

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17CIV18/28
Question Paper Version :**First/Second Semester B.E. Degree Examination, Aug./Sept.2020**
Environmental Studies
(COMMON TO ALL BRANCHES)

Time: 2 hrs.]

[Max. Marks: 30

INSTRUCTIONS TO THE CANDIDATES

1. Answer all the thirty questions, each question carries **ONE** mark.
2. Use only **Black ball point pen** for writing / darkening the circles.
3. **For each question, after selecting your answer, darken the appropriate circle corresponding to the same question number on the OMR sheet.**
4. Darkening two circles for the same question makes the answer invalid.
5. **Damaging/overwriting, using whiteners** on the OMR sheets are strictly prohibited.

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1. Which of the following conceptual sphere of the environment is having least storage capacity for the matter
a) Lithosphere
b) Atmosphere
c) Hydrosphere
d) Biosphere
 2. Which of the following is a possible produces in an ecosystem.
a) Animals
b) Plants
c) Human beings
d) Fish
 3. The largest reservoir of nitrogen in our planet is
a) Oceans
b) Biosphere
c) Atmosphere
d) Rivers
 4. Which of the following is an example of impact of developmental activities on the hydrosphere?
a) Air pollution
b) Soil Pollution
c) Soil erosion
d) Water Pollution
 5. The removal of carbon dioxide from the earth's atmosphere and the provision of long term storage of carbon in the terrestrial biosphere is known as
a) Carbon sequestration
b) Carbon dating
c) Carbon fixing
d) Photosynthesis

17CIV18/28

6. India has the world's largest share of which of the following.
a) Manganese
b) Mica
c) Copper
d) Diamond
7. Identify the non-renewable source of energy from the following.
a) Coal
b) Fuel cells
c) Wind power
d) Wave power
8. Which of the following is a disadvantage of most of the renewable energy sources?
a) Highly polluting
b) High waste disposal cost
c) Unreliable supply
d) High running cost.
9. Tendency of pollutants to become concentrated in successive trophic levels is known as
a) Bioremediation
b) Biomagnification
c) Biopiracy
d) Biorhythm
10. Which of the following terminologies is not associated with the vertical structure of forest.
a) Canopy
b) Understory
c) Forest Floor
d) First Floor.
11. Which if the following is an endemic species of India?
a) Asian elephant
b) Lion tailed macaque
c) Whales
d) Panda
12. Which of the following is cause of loss of biodiversity?
a) Habitat degradation and loss
b) Invasion of non-native species.
c) Pollution
d) All of these
13. Which of the following is an air pollutant?
a) Nitrogen
b) Carbon dioxide
c) Carbon monoxide
d) Oxygen
14. Smog is
a) a natural phenomenon
b) colourless
c) combination of smoke and fog
d) All of these
15. Which of the following devices is suitable for removal of gaseous pollutants?
a) Scrubber
b) Fabric Filter
c) Cyclone separator
d) Electrostatic precipitator.
16. Air pollution from automobiles can be controlled by fitting
a) Electrostatic precipitator
b) Cyclone separator
c) Wet collector
d) Catalytic converter
17. Noise is
a) loud sound
b) constant sound
c) high frequency sound
d) unwanted sound
18. When the solid waste consist of large amounts of organic matter and if the moisture content is high, which of the methods of treatment will be ideal.
a) Composting
b) Palletizing
c) Incineration
d) Recycling

17CIV18/28

19. One of the major reasons for the accumulation of e-waste in recent years is
a) Lack of technology of recycling
b) Rapid technology obsolescence
c) Lack of strict regulations
d) All of these
20. First of the major environmental protection acts to be promulgated in India was
a) The water act
b) The air act
c) The environment act
d) Noise pollution rules.
21. Chernobyl Nuclear Disaster occurred in the year
a) 1984
b) 1985
c) 1986
d) 1987
22. The primary cause of acid rain around the world is
a) Carbon dioxide
b) Sulphur dioxide
c) Carbon monoxide
d) Ozone
23. The world population in the year 2011 was around
a) 8 Billion
b) 6 Billion
c) 7 Billion
d) 5 Billion
24. The average life expectancy around the world is currently
a) changing
b) stabilizing
c) not changing
d) increasing
25. The universal declaration of Human Rights was proclaimed by the UN in the year
a) 1946
b) 1948
c) 1947
d) 1949
26. World Environmental day is held every year on
a) June 5th
b) October 2nd
c) April 22nd
d) November 1st
27. Ozone layer thickness is measured in _____
a) mm
b) cm
c) Dobson unit
d) Db
28. Forests are called as _____
a) Air purifiers
b) Earth's lungs
c) Oxygen reservoir
d) CO₂ absorbers.
29. Blue baby syndrome is caused due to _____
a) Manganese
b) Ozone
c) Silver
d) Nitrate
30. World earth's day is annually celebrated on
a) April 22nd
b) June 5th
c) January 1st
d) May 1st
