

CBCS SCHEME

15CIV18/28

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Question Paper Version : A



First/Second Semester B.E. Degree Examination, Aug./Sept.2020 Environmental Studies

(COMMON TO ALL BRANCHES)

[Max. Marks: 40

INSTRUCTIONS TO THE CANDIDATES

1. Answer all the fourty 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. Troposphere is mainly constants of
 - a) CO₂
 - b) H₂
 - c) SO₂
 - d) O₂ and N₂.
 2. The word 'Environment' is derived from
 - a) Greek
 - b) French
 - c) Spanish
 - d) Latin.
 3. World Environmental day is celebrated on
 - a) 5th May
 - b) Sept 15
 - c) 5th June
 - d) April 22
 4. The upper most layer of the atmosphere is called
 - a) Thermosphere
 - b) Stratosphere
 - c) Exosphere
 - d) Mesosphere
 5. Mining of ore is done by
 - a) Surface mining
 - b) Sub-surface mining
 - c) Tunneling
 - d) Both (a) and (b).
 6. Minamata episode of Japan is due to the Poisoning of
 - a) Lead
 - b) Mercury
 - c) Nickel
 - d) Cadmium

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7. Hydrological cycle mainly involves
a) Sun and water
b) Soil and water
c) Air and water
d) Vegetation and water.
8. Water Logging is phenomena is which
a) Crop patterns are rotated
b) Soil root zones become saturated due to over irrigation
c) Erosion of soil
d) Rock weathering.
9. Percentage of ICC at present on the Globe is
a) 4%
b) 12%
c) 30%
d) 40%.
10. Mineral meaning
a) Naturally forming Inorganic substance
b) Naturally forming organic substance
c) Both (a) and (b)
d) None.
11. Carbon content is higher in
a) Living matter
b) Soil
c) Water
d) Atmosphere.
12. What is the Permissible range of PH for drinking water as per the Indian standard
a) 6 to 6.5
b) 7 to 8
c) 6.5 to 9.5
d) 6.5 to 8.5.
13. Spring means
a) Surface water
b) Atmospheric water
c) Both (a) and (b)
d) Ground water.
14. Biomass power generation uses
a) Crops
b) Animal Dung
c) Crop residue
d) All the above.
15. Electromagnetic radiation can cause
a) Leukemia
b) Genetic damage
c) Cancer
d) All.
16. Which of the following is highest percentage of calorific value
a) Anthrasite
b) Peat
c) Lignite
d) Bituminous coal.
17. Chernobyl nuclear disaster took place in the year
a) 1982
b) 1986
c) 1990
d) 2003.
18. Karnataka is having present forest cover of
a) 20.19%
b) 10%
c) 28%
d) 30%.

19. Middle Portion of the Earth is
a) Crest
b) Mantle
c) Core
d) Atmosphere.
20. India is a world leader in the production of
a) Iron
b) Coal
c) Mica
d) Copper.
21. Ozone layer exists in
a) Thermosphere
b) Stratosphere
c) Exosphere
d) Mesosphere.
22. Volcanic activity is
a) Natural pollution
b) Manmade pollution
c) Atmospheric pollution
d) Both (a) and (b).
23. Noise means
a) Sound pollution
b) High frequency pollution
c) Un-wanted pollution
d) Both (a) and (b).
24. Environment pollution is due to
a) Rapid urbanization
b) Deforestation
c) Afforestation
d) Both (a) and (b).
25. LPG is a mixture of
a) Propane and Ethane
b) Propane and butane
c) Ethane and Methane
d) None.
26. Which of the following is considered as an alternate promising fuel
a) Kerosene
b) CNG
c) Coal
d) Methane.
27. Wind Energy generation depends on
a) Direction of wind
b) Atmospheric condition
c) Velocity of wind
d) Oxygen percentage.
28. Which place in India the Tidal energy has been experimented
a) Karantaka
b) Tamil Nadu
c) Maharastra
d) Kerala.
29. Molasses from sugar industry is used to generate
a) Biodiesel
b) Bioethanol
c) Biomethanol
d) CO₂.
30. The largest reservoir of Nitrogen in our planet is
a) Atmosphere
b) Ocean
c) Biosphere
d) Lithosphere.

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31. Nitrogen fixing bacteria exists in
a) Leaf
b) Stem
c) Roots
d) Flower.
32. Global warming could affect
a) Climate
b) Increase in sea level
c) Melting of glaciers
d) All of these.
33. The Wild Life Protection Act in India was established in the year
a) 1978
b) 1986
c) 1972
d) 1990.
34. Remote sensing means
a) Sensing object from distance
b) Sensing object from the nearest point
c) Both (a) and (b)
d) None.
35. GIS means
a) Geophysical Information system
b) Geologic Information system
c) Genetic Information system
d) Geographic Information system.
36. Ore is a
a) Metallic element
b) Non-metallic element
c) Organic matter
d) None.
37. Cause of Acid rain is due to
a) CO₂
b) CO
c) SO₂
d) O₂.
38. The International protocol to protect the ozone layer is
a) Kyoto protocol
b) Vienna protocol
c) Montreal protocol
d) None.
39. Effective solid and liquid waste management is
a) Dumping
b) Incineration
c) Recycling
d) Both (a) and (b).
40. Which of the following is the highest percentage of green hergegas?
a) Methane
b) CFC
c) H₂O
d) Water.
