

CBCS Scheme

USN 15B15CS013

Question Paper Version : D

First/Second Semester B.E Degree Examination, June/July 2016

Environmental Studies**(COMMON TO ALL BRANCHES)**

Time: 2 hrs.]

[Max. Marks: 40

INSTRUCTIONS TO THE CANDIDATES

1. Answer all the forty 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.

1. The international protocol to protect the ozone layer is,
 - a) The Montreal protocol
 - b) Kyoto protocol
 - c) The Vienna protocol
 - d) Cartagena protocol
2. Which of the following is not a green house gas,
 - a) Hydrochloro fluorocarbons
 - b) Methane
 - c) Carbon dioxide
 - d) Oxygen
3. Major compound responsible for the destruction of stratospheric ozone layer is,
 - a) Oxygen
 - b) CFC
 - c) Carbon dioxide
 - d) Methane
4. Which of the following is not a method for water conservation?
 - a) Rain water harvesting
 - b) Ground water extraction
 - c) Improving irrigation efficiency
 - d) Avoiding water wastage.
5. What is the permissible range of pH for drinking water as per the Indian standards?
 - a) 6 – 9
 - b) 6 – 8.5
 - c) 6.5 – 7.5
 - d) 6.5 to 8.5
6. Water use for irrigation of food crops, fodder crops and medical herbs is known as,
 - a) Consumptive use
 - b) Commercial use
 - c) Auxiliary use
 - d) Productive use

7. Global warming could affect,
a) Climate b) Increase in sea level c) Melting of Glaciers d) All of the above
8. The average life expectancy around the world is currently,
a) decreasing b) increasing c) not changing d) stabilizing
9. The objective of integrated child development services (ICDS) are,
a) Immunization b) Health checkup and referral services
c) Pre school non formal education d) All of these
10. The universal declaration of Human rights was proclaimed by the UN in the year,
a) 1946 b) 1947 c) 1948 d) 1949
11. The Leader of chipko movement is,
a) Sunderlal Bahuguna b) Medha Patkar
c) Vandana Shiva d) Suresh Heblikar
12. In an ecosystem the flow of energy is,
a) Bidirectional b) Unidirectional c) Cyclic d) None of these
13. E.I.A is related to,
a) Resource conservation b) Efficient equipment process
c) Waste minimization d) All of the above
14. Taj Mahal at Agra may be damaged by,
a) Sulphur dioxide b) Chlorine c) Hydrogen d) Oxygen
15. Minamata disease is caused due to
a) Lead b) Arsenic c) Mercury d) Codmium
16. Who is the author of the book "Silent Spring"?
a) Robin cook b) Arthur Hailey c) Rachel carson d) Darwin
17. Amount of oxygen present in atmospheric air is,
a) 0.03% b) 21% c) 36% d) 0.9%
18. Remote sensing is a,
a) Satellite system b) Ground system c) Sensor system d) None of the above
19. GIS can be expanded as,
a) Geological information system b) Geographic information system
c) Geographic internet system d) Geodynamic information system
20. Geothermal energy is a,
a) Heat energy b) Wind energy c) Current energy d) Solar energy

21. The first international earth Summit was held in,
a) Johannes burg b) Kyoto c) Riode Janeiro d) Stock holm
22. In aquatic ecosystem, phytoplankton can be considered as a,
a) Consumer b) Producer c) Decomposers d) Macro consumer
23. Which state is having highest woman literacy rate in India?
a) Karnataka b) Punjab c) Rajastan d) Kerala
24. _____ are referred to as earth's Lungs,
a) Forest b) Carbon cycle c) Water sources d) Mines
25. Biomass power generation uses,
a) Crop b) Animal dung c) Wood d) All of these
26. The term ecosystem was proposed by,
a) Jacob Van Verkul b) A.G. Tansley
c) Costanza d) Marrie Gibbs
27. World Environment day is on,
a) 5th May b) 5th June c) 18th July d) 16th August
28. Physical pollution of water is due to,
a) Dissolved oxygen b) Turbidity c) PH d) None of the above
29. Which pyramid is always upright?
a) Energy b) Bio mass c) Numbers d) Food chain
30. Disfigurement in the teeth is caused by excessive amount of,
a) Mercury b) Nitrate c) Fluoride d) Lead
31. Smog is a,
a) National phenomena b) Colourless
c) Combination of smoke and Fog d) None of these
32. Which of the following is the source of Fly ash,
a) Vehicle exhausts b) Sewage c) Thermal power plant d) All of these
33. Ozone layer thickness is measured in,
a) PPM b) PPb c) Decibels d) Dobson unit
34. Energy is measured in,
a) BIU b) Bhu c) Btu d) Ntu
35. Nuclear waste is active for,
a) 5 year b) 10 years c) 50 years d) 100 years

36. Charnobyl nuclear disaster occurred in the year,
a) 1984 b) 1987 c) 1986 d) 1988
37. Demography is the study of,
a) Animals behaviour b) Population growth c) River d) None of these
38. Ozone layer is present in,
a) Troposphere b) Stratosphere c) Mesosphere d) Thermosphere
39. The Central Pollution Control Board (CPCB) was established in the year,
a) 1974 b) 1982 c) 1986 d) 1976
40. Which of the following is NGO?
a) Narmada Bachao Andolan b) CPCB
c) KSPCB d) None of these

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