

CBCS Scheme

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Question Paper Version : A

First/Second Semester B.E Degree Examination, June / July 2017
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 term environment has been derived from French word which means to encircle or surround.
 a) Environ b) Oikor c) Geo d) Aqua
2. Which of the following component of the environment are effective transport of matter?
 a) Atmosphere and hydrosphere b) Atmosphere and Lithosphere
 c) Hydrosphere and Lithosphere d) Lithosphere and hydrosphere.
3. Which of the following is a biotic component of an ecosystem:
 a) Fungi b) Solar light c) Temperature d) Humidity
4. The sequence of eating and being eaten in an ecosystem is called,
 a) Food chain b) Carbon cycle c) Hydrological cycle d) None of these
5. Primary consumer is,
 a) Herbivores b) Carnivores c) Macro consumer d) Omni vores
6. The Major atmospheric gas layer in stratosphere is,
 a) Hydrogen b) Carbon dioxide c) Ozone d) Oxygen

22. Biogas is gaseous fuel composed mainly of,
a) Methane and carbon dioxide b) Methane and hydrogen sulphide
c) Methane and Carbon monoxide d) None of these
23. Reduction in brightness of the famous Taj Mahal is due to,
a) Global warming b) Air pollution c) Ozone depletion d) Afforestation
24. Ozone layer thickness is measured in,
a) PPM b) PPB c) Decibels d) Dobson units
25. Bhopal gas tragedy caused due to leakage of,
a) Methyl Iso Cyanate b) Sulphur dioxide c) Hydrogen Sulphide d) Methane
26. Septic tank is,
a) An aerobic attached growth treatment system
b) An aerobic suspended growth biological treatment system
c) An aerobic attached growth biological treatment system.
d) An aerobic suspended growth treatment system.
27. Sound that is safest to the human ear should not exceed,
a) 45 Db b) 125 Db c) 70 Db d) 85 Db
28. Scientific means of M.S.W management involves,
a) Collection and transport b) Segregation
c) Safe disposal d) All of these
29. Cow dung can be used,
a) as manure b) for production of Bio gas
c) as fuel d) All of these
30. Biomedical waste can be disposed off by,
a) Incineration b) Autoclaving and Land filling
c) Both (a) and (b) d) None of these
31. The objectives of Integrated Child Development Services (ICDS) are,
a) Immunization b) Health check up and referral services.
c) Pre-school non-formal education d) All of these
32. The international protocol to protect the ozone layer is,
a) Montreal protocol b) The Vienna protocol
c) Kyoto protocol d) Cartagena protocol
33. Environmental (protection) act was enacted in the year,
a) 1986 b) 1992 c) 1984 d) 1974
34. The forest (conservation) act was enacted in the year,
a) 1986 b) 1974 c) 1994 d) 1972

35. The leader of Chipko movement is,
a) Sunderlal Bahuguna b) Medha Patkar c) Vandana Shiva d) Suresh Hebliker
36. Chernobyl Nuclear disaster occurred in the year,
a) 1984 b) 1985 c) 1986 d) 1987
37. The computer driven system that permits storing and retrieving environmental information,
a) GIS b) Digital information c) Information technology d) None of these
38. Bacteria that are commonly associated with root nodules are,
a) Rhizobium b) Bacillus c) Pseudomonas d) None of these
39. Earth's fresh water reserves are about,
a) 2.6% b) 26% c) 0.26% d) 1.6%
40. The Earth is believed to have come to existence some,
a) 3.5 billion years ago b) 4.5 billion years ago
c) 4.5 million years ago d) 5.5 million years ago
