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Question Paper Version : A

First/Second Semester B.E Degree Examination, December 2011
Environmental Studies
(COMMON TO ALL BRANCHES)

Time: 2 hrs.]

[Max. Marks: 50

INSTRUCTIONS TO THE CANDIDATES

1. Answer all FIFTY questions; each question carries ONE Mark.
2. Use only **Black ball point pen** for 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 and using whiteners** on the **OMR** sheet are strictly prohibited.

1. The study of interactions between living organisms and environment is called as
a) Ecosystem b) Ecology c) Phytosociology d) Biology
2. The environment which has been modified by human activities is called
a) Natural environment b) Anthropogenic environment
c) Urban environment d) Modern environment
3. Cauvery water dispute is between
a) India and Pakistan b) Punjab and Haryana
c) Uttar Pradesh and Madhya Pradesh d) Karnataka and Tamil Nadu.
4. Terrace forming is practiced in
a) Coastal areas b) Hills c) Deserts d) Plains
5. Millennium development Goal's conference of united nations was held in the year
a) 2002 b) 2000 c) 2005 d) None
6. Economic security is measured on the basis of
a) Labour markets and employment b) Income
c) Work, jobs and skills d) All of these
7. "Remote sensing" is a
a) Satellite system b) Ground segments c) Sensor system d) All of these

23. Solar photo voltaic system are more suitable for
 a) Domestic lighting b) Street lighting c) Small power plants d) All of these
24. The first nuclear fission reactor in the world become critical in
 a) June 1972 b) July 1974 c) December 1942 d) None of these
25. Green house gases are
 a) Chlorofluro carbon b) Oxygen
 c) Chlorine d) Chloro benzene.
26. Fossil fuel is also known as
 a) Lubricating fuel b) Liquid fuel c) Solid fuel d) Mineral fuel
27. Biogas is an excellent fuel when its methane content is about
 a) 15% b) 65% c) 0% d) 6.5%
28. Coal mining leads to adverse environmental effect like
 a) Aesthetic degradation
 b) Release of trace elements into water soil and air.
 c) Dust pollution
 d) All of these
29. "Agro forestry" environmental benefits
 a) Recycling of nutrients
 b) Reduction of surface run-off nutrient leaching and soil erosion.
 c) Ecosystem protection
 d) All of these
30. Geothermal energy is a
 a) Heat energy b) Current energy c) wind energy d) Solar energy
31. Acid rain is caused by increase in the atmospheric concentration of
 a) Ozone and dust b) SO₂ and NO₂ c) SO₃ and CO d) CO₂ and CO
32. Gas leaked in Bhopal tragedy was
 a) Potassium cynate b) Sodium isothio cynate
 c) Ethyl isocynnate d) Methyl isocyanate
33. Noise pollution limits at residential area is
 a) 45 dB b) 80 dB c) 55 dB d) 90 dB
34. Lead poisoning may cause
 a) Reduction in hemoglobin b) Kidney damage
 c) Mental retardation d) All of these
35. Taj Mahal at Agra may be damaged by
 a) Sulphur dioxide b) Chlorine c) Hydrogen d) Oxygen
36. Which of the following are natural sources of air pollution?
 a) Volcanic eruption b) Solar flair c) Earth quake d) All of these

37. Environmental pollution is due to
 a) Rapid urbanization b) Deforestation c) Afforestation d) a and b
38. Ozone day is observed on
 a) January 30 b) April 21 c) September 16 d) December 25
39. India's density of population according to census 2001
 a) 350 per sq.km b) 375 per sq.km c) 324 per sq.km d) 425 per sq.km
40. Green house effect is related to
 a) Green trees on house b) Global warming
 c) Grass lands d) Greenery in country
41. Heavy duty diesel vehicles mainly contribute
 a) NO_x b) SO_2 c) Particulate d) Both a and b
42. Use of compressed natural gas (CNG) came in to effect from
 a) December 2002 b) January 2002 c) December 2003 d) September 2003
43. Increase in asthma attacks has been linked to high levels of
 a) Nitrogen b) Oxygen c) Air-borne dust particles d) All of these
44. Urbanization is
 a) Local environmental issue b) National environmental issue
 c) Both a and b d) Not at all an issue
45. The number of babies produced per thousand individuals is called
 a) Natality b) Dermography c) Fertility rate d) Emigration
46. ELISA test is used to detect
 a) Malaria b) AIDS c) Cholera d) Tuberculosis
47. ICDS is a welfare scheme for
 a) Public b) Women c) Men d) Children
48. Karnataka state "pollution control board" was established in the year
 a) 1974 b) 1982 c) 1986 d) 1976
49. Environmental protection Act 1986 deals with
 a) Air b) Water c) Land d) All of these
50. "Earth day" is observed on
 a) 1st December b) 5th June c) April 22nd d) 1st January

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