

# CBCS Scheme

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17CIV.18

 Question Paper Version **A**

First Semester B.E. Degree Examination, Dec.2017/Jan.2018

## Environmental Studies

(COMMON TO ALL BRANCHES)

Time: 2 hrs.]

[Max. Marks: 30

### INSTRUCTIONS TO THE CANDIDATES

1. Answer all the fifty questions, each question carries ON 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 of the OMR sheet.
4. Darkening two circles for the same question makes the answer id.
5. Damaging/overwriting, using vilikterwri on the OMR ets are strictly prohibited.

1. Remote sensing technique deals 4stith the detection of recording of a selected portion of
  - a) Emission spectrum
  - b) Light spectrum
  - c) Photo spectrum
  - d) Electro magnetic spectrum
2. RADAR stands for
  - a) Radio & Distance Ranging
  - b) Radio detection & Ranging
  - c) Ranging & Detection Arrangement
  - d) Radio detection Recorder
3. Which is not a commonly using coding scheme for images
  - a) JPEG
  - b) Gif
  - c) MP3
  - d) Tiff
4. DBMS stands for...
  - a) Database Management System
  - b) Database Monitoring system
  - c) Database, Mnufacturing system
  - d) Database Mixing station
5. GIS stands for
  - a) Geostationary interact sector
  - b) Geographical information sy. tem
  - c) Geotechnriical information society
  - d) Geothermal investigation site
6. WilidiState is having highest women literacy rate in India
  - a) Karnataka
  - b) Punjab
  - c) Rajasthan
  - d) Kerala



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7. In Water treatment, alum is used for  
a) Softening                      b) Coagulation                      c) Filtration                      d) DisinfectO
8. World Ozone day is being celebrated on  
a) September 5<sup>th</sup>                      b) October 15<sup>th</sup>                      c) September 11<sup>th</sup>                      d) SeOembec 16"
9. Acid rain has been increasing day by day due to  
a) Urbanisation...'  
c) Increase in -v.chl(le population                      b) Industrialization  
d) None of these
10. Reduction in brightness-.of the famous Taj Mahal is due to  
a) Global warming '1•1. '13) Air pollution                      c) Ozone depletiop\.: :-d) Afforestation
11. Primary cause of Aci&rain around the World is due to  
a) Carbon—di-oxide                      by, Sulphur—di- aide c) Carbon-M04Xide d) Ozone
12. Petroleum based vehicles emit:tracer of  
a) CO & NO2                      b)                      c) Aldehydes                      d) CH<sub>4</sub>
13. Definition of Noise is  
a) Loud sound                      b) Unwanted sound  
c) Constant sound                      Sound on high frequency
14. Smog is  
a) A natural phenomenon                      b) Combination of smoke & fog  
c) Colourless                      d) All the above
15. The liquid waste from kitchen ancFbathroom is cal led.-  
a) Sullage                      b) Domestic sewage c) Storiniyiaste                      d) Run off
16. BOD means  
a) Bio chemical oxygen demand,                      b) Chemical oxygen demand  
c) Bio — physical oxygen demand                      d) All the aboV; i
17. Highest producer of oil and petroleum is  
a) Middle East countries                      b) America  
c) China                      d) India
18. Nuclear waste is active for  
a) 5 year                      b) 10 years                      c) 50 years                      d) Centuries
19. Nuclear power plant in Karnataka is located at  
a) Bhadrailathi                      b) Sondur                      c) Raichur                      d) Kaiga
20. Direct conversion of solar energy is attained by  
a) Solar photo voltaic system                      b) Solar diesel hybrid system  
c) Solar thermal system                      d) Solar air heater



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21. India has the largest share of which of the following  
 a) Manganese      b) Mica      c) Copper      d) Diamond
  22. Forests prevent soil erosion by binding soil particles in their  
 a)      b) Roots      c) Leaves      d) Buds
  23. Which of the following is the most environmental friendly agriculture practice  
 a) using chemical fertilizers      b) using insecticides  
 c) organic farming      d) None of these
  24. Mining means  
 a) To conserve minerals      b) To check pollution  
 c) To extract minerals and ores      d) None of these
  25. Which of the following is absorbed by green plants from atmosphere  
 a) Carbon dioxide      b) Water      c) Nutrients      d) All of the above
  26. Which atmospheric sphere is closest to earth surface  
 a) Troposphere      b) Stratosphere      c) Mesosphere      d) Cosphere
  27. The largest reservoir of Nitrogen in our atmosphere is  
 a) Oceans      b) Atmosphere      c) Biosphere      d) Fossil fuels
  28. In an Ecosystem, the flow of energy  
 a) Bidirectional      b) cyclic      c) Unidirectional      d) Multidirectional
- Which of the following conceptual spheres of the environment is having the least storage capacity for matter  
 a) Atmosphere      b) Lithosphere      c) Hydrosphere      d) Biosphere
30. The term Environment has been derived from the French word \_\_\_\_\_ which means to encircle or surround.  
 a) Environ      b) Oikos      c) Geo      d) Aqua