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First/Second Semester B.E Degree Examination, Dec.2016/Jan.2017
Environmental Studies
(COMMON TO ALL BRANCHES)

[Max. Marks: 40]

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.

- Which of the following conceptual spheres of the environment is having the least storage capacity for matter?
 - Atmosphere
 - Lithosphere
 - Hydrosphere
 - Biosphere
- Biosphere is,
 - The solid shell of inorganic materials on the surface of the earth.
 - The thin shell of organic matter on the surface of each comprising of all the living things.
 - The sphere which occupies the maximum volume of all the spheres.
 - All of the above.
- The earth's atmosphere is an envelope of gases present upto a height of about _____ kms.
 - 10
 - 200
 - 1000
 - 2000
- Primary consumer is,
 - Herbivores
 - Carnivores
 - Macro consumers
 - Omnivores
- World environmental day is on,
 - 5th May
 - 5th June
 - 18th July
 - 16th August

18. E.I.A can be expanded as,

| | |
|-----------------------------------|--------------------------------------|
| a) Environment and Industrial Act | b) Environment and impact activities |
| c) Environment Impact Assessment | d) Environment Important Activity |
19. The environmental (protection) act 1986 deals with:

| | |
|----------|-----------------|
| a) Water | b) Air |
| c) Soil | d) All of these |
20. The first of the major environmental protection act to be promulgated in India was:

| | |
|---------------------------------|------------------|
| a) The wild life protection act | b) The air act |
| c) The noise pollution act | d) None of these |
21. The meaning of global warming is,

| | |
|---|-------------------------------|
| a) Increase in the temperature of climate | b) A planet hotter than earth |
| c) Solar radiation | d) Cooling effect |
22. Biogas is produced by,

| | |
|-----------------------|--------------------|
| a) Microbial activity | b) Harvesting crop |
| c) Both (a) and (b) | d) None of these |
23. Biomass consists of,

| | |
|--------------|-------------------|
| a) Lignin | b) Hemi cellulose |
| c) Cellulose | d) All of these |
24. Petroleum based vehicles emit traces of,

| | |
|---------------------------|--------------------|
| a) CO and NO _x | b) SPM |
| c) Aldehydes | d) CH ₄ |
25. Urbanization is,

| | |
|------------------------------|---------------------------------|
| a) Local environmental issue | b) National environmental issue |
| c) Both (a) and (b) | d) Not at all an issue |
26. Noise pollution limits in industrial area,

| | |
|----------|----------|
| a) 45 dB | b) 80 dB |
| c) 65 dB | d) 90 dB |
27. Ozone layers absorbs,

| | |
|----------------|------------------|
| a) UV rays | b) Infrared rays |
| c) Cosmic rays | d) CO |
28. Water logging is a phenomenon in which,

| | |
|------------------------------|--------------------|
| a) Crop patterns are related | b) Plant nutrients |
| c) Erosion of soil | d) None of these |
29. The natural nitrogen cycle is upset due to,

| | |
|---------------------------|--|
| a) Burning of fossil fuel | b) Modern agricultural practice of releasing excess fertilization. |
| c) Global warming | d) Biogas production |

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