Reg.No. \_\_\_\_\_\_\_\_\_\_\_\_\_

G:\logo and QP Template\logo 3 Feb 2018 final.tif

**End Semester Examination – Nov/Dec – 2018**

|  |  |  |  |
| --- | --- | --- | --- |
|  |  |  |  |
| **Code :** | **14CH1003** | **Duration :** | **3hrs** |
| **Sub. Name :** | **ENVIRONMENTAL STUDIES** | **Max. marks :** | **100** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Q. No.** | **Questions** | | **Course Outcome** | **Marks** |
|  | | **PART-A(20X1=20 MARKS)** | | |
| 1. | Lithosphere includes -------------------- part of the Earth’s crust. | | CO1 | 1 |
| 2. | The word “Environner” means ---------------------------- | | CO1 | 1 |
| 3. | Say true or false. Chemoautotrophs use chemical energy to synthesis food. | | CO1 | 1 |
| 4. | Give an example for engineered ecosystem. | | CO1 | 1 |
| 5. | Pandit Jawaharlal Nehru called dams as -------------------------. | | CO1 | 1 |
| 6. | Tidal waves are one of the renewable energy resources. Is it true or false? | | CO1 | 1 |
| 7. | Give an example for an endangered species in India. | | CO1 | 1 |
| 8. | In a food-web, the energy stored in each trophic level is --------------- | | CO1 | 1 |
| 9. | How many hotspots of biodiversity are present in India? | | CO1 | 1 |
| 10. | The chemical factor constituting the environment is ------------- | | CO1 | 1 |
| 11. | List out any two water pollutants | | CO2 | 1 |
| 12. | Presence of ------------------ in water causes Minamata disease. | | CO2 | 1 |
| 13. | Addition of warm water to the nearby water body causes ------------ pollution | | CO2 | 1 |
| 14. | Give an example of green house gas. | | CO2 | 1 |
| 15. | Mention any two types of floods. | | CO2 | 1 |
| 16. | The attack of acid rain on marble is termed as -------------- | | CO2 | 1 |
| 17. | CFC results in the formation of ------------------ | | CO2 | 1 |
| 18. | Mention any one cause for radioactive pollution | | CO2 | 1 |
| 19. | The point of origin of an earthquake is referred as ----------------------- | | CO2 | 1 |
| 20. | Give an example of green house gas. | | CO2 | 1 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | | **PART B(10 X 5= 50 MARKS)**  **(Answer any 10 from the following)** | | |
| 21. | Write any three effects of over utilization of ground water | | CO1 | 5 |
| 22. | What is biomagnifications? Explain it with an example | | CO1 | 5 |
| 23. | Why it is important to develop the renewable energy resources? | | CO1 | 5 |
| 24. | Discuss any five values of biodiversity | | CO1 | 5 |
| 25. | Write a note on Hot spot of biodiversity | | CO1 | 5 |
| 26. | Write a note on control methods of air pollution | | CO2 | 5 |
| 27. | Discuss the effect of noise pollution on human life? | | CO2 | 5 |
| 28. | Explain the insitu conservation methods of biodiversity | | CO2 | 5 |
| 29. | What is green house effect? | | CO2 | 5 |
| 30. | Mention the salient features of Wildlife Protection Act -1972 | | CO2 | 5 |
| 31. | Explain the various causes of formation of earthquake? | | CO2 | 5 |
| 32. | List out the factors that affect variation of population | | CO2 | 5 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | **PART C(2 X 15= 30 MARKS)**  **(Answer any 2 from the following)** | | | |
| 33. | a. | | Write a short note on uses of forest resources | CO1 | 10 |
| b. | | Describe the advantages of dam briefly | CO1 | 5 |
| 34. | a. | | Describe any five threats to biodiversity in detail | CO2 | 10 |
| b. | | Write a review on solid waste management by following 5R’s in daily life. | CO2 | 5 |
| 35. | a. | | List out the causes of population growth in detail. | CO2 | 10 |
| b. | | Explain the role of IT in environment | CO2 | 5 |