| Seat No.: | Enrolment No. |
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GUJARAT TECHNOLOGICAL UNIVERSITY MCA Integrated SEMESTER-VI EXAMINATION SUMMER 2016

Subject Code: 4460603

Date:09/05/2016

| Su | bject | t Name: Environmental Studies (ES) | | |
|------|------------|--|-----------------|--|
| | | ± | Total Marks: 70 | |
| Inst | 2. | Attempt all questions. | | |
| Q.1 | (a) (b) | Classify the Energy resources and explain them. Define Environmental studies. Discuss its scope and Importance. | 07 07 | |
| Q.2 | (a) | What is the need for public awareness to protect environment? What activities should be suggested? | 07 | |
| | (b) | Write a short note: "Problems due to overuses of energy resources." OR | 07 | |
| | (b) | Write a short note on: Lithosphere And Biosphere | 07 | |
| Q.3 | (a) (b) | Which are the air pollutants? Explain the effects of air pollution on human health. Explain: Water resources in detail | 07 07 | |
| | | OR | | |
| Q.3 | (a) (b) | Discuss the structural components of ecosystem. Explain: i. Water cycle ii. Carbon cycle | 07 07 | |
| Q.4 | (a) | Explain Marine Pollution and discuss the specific causes that pollute marine water. | 07 | |
| | (b) | Analyze the relationship between population and pollution. OR | 07 | |
| Q.4 | (a) | Explain: The role of an individual in conservation of natural resources And Equitable use of resources for sustainable lifestyle | 07 | |
| | (b) | Write explanatory note on Ozone layer Depletion | 07 | |
| Q.5 | (a) | What do you mean by value education? Also explain role of information technology in environment and human health. | 07 | |
| | (b) | Explain: i. oxygen cycle ii. Nitrogen cycle iii. Energy cycle OR | 07 | |
| Q.5 | (a) | How environment affects the human health? Explain environment and human health in detail. | 07 | |
| | (b) | Explain Solid waste Management with its Causes, effects and control measures of urban and industrial wastes. | 07 | |
