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B.Tech. (Sem. – 1<sup>st</sup>)

COMMUNICATIVE ENGLISH

SUBJECT CODE : BTHU – 101 (2011 Batch)Paper ID : [A1103]

Time : 03 Hours

Maximum Marks : 60

**Q1) Read the following passage and answer the questions given at the end.**

Pollution - the simple, visible kind of pollution- is now worldwide. When Apollo 8 took photographs of the earth's surface, it revealed the most serious smog<sup>1</sup> and polluted air over Osaka and Tokyo in Japan. Along this strip 34 tons of dirt a month fall on every square kilometre, compared with a mere 17 tons in New York. Coastal vessels collide regularly, because they cannot see each other's navigation lights. Traffic policemen go back to the police station after four hours on duty and breathe pure oxygen from cylinders, to re-oxygenate their carbon monoxide loaded blood. In cafes and shopping centres coin-in-the-slot machines give oxygen to shoppers who feel themselves about to collapse. In schools, the children wear face-masks while they do their lessons on smog-warning days.

The existence of environmental pollution has recently gained recognition as a major problem - but pollution is only part of the story. It is not that we load the environment with gases, acids, metals and assorted poisons which comprise a damage to health. It is rather that we alter the environment every possible way. We dump heat into it, and dust particles; we fell forests and pave over fields; we destroy one species of animal and cultivate another; we make noises and dump trash. There is a limit to how much of this treatment it can take.

If we dump sewage<sup>2</sup> into a stream, on a small scale, the stream dissolves it and purifies it. Ten miles downstream the water is pure again. But we dump large quantities of sewage, we end by killing the purifying bacteria and then the stream has lost its power to purify. It can no longer deal even with the small quantity of sewage which it once accepted without difficulty. The system has broken down. For this overwhelming kind of pollution we need a new term. I call it super-pollution.

<sup>1</sup> smoke and fog; <sup>2</sup> garbage

- (i) According to the passage, how do we alter the environment every day? (2)
- (ii) Describe the phenomenon called super-pollution. (2)
- (iii) What do people do to revive themselves with a fresh supply of oxygen? (2)
- (iv) Which of the following two statements are true to the passage? (2)
  - (a) Simple pollution can be seen and felt.
  - (b) Environmental pollution can be only seen from the space
  - (c) Japan is the biggest polluter of environment
  - (d) Environmental pollution is not restricted to Japan and US.
  - (e) Altering the environment is what we call pollution.
- (v) Which of the following two activities do not damage the environment? (2)
  - (a) Cutting of trees
  - (b) Sea navigation
  - (c) Throwing waste in water
  - (d) Emission of gases
  - (e) Inhaling oxygen from artificial sources

- Q2)** (i) Use the following words in meaningful sentences (5)  
 Obsolete; hazardous; irreversible; dead end; at random;
- (ii) Complete the sentences as directed (5)
- To give and accept bribe is unethical. (*rewrite using gerunds*)
  - They will have to make intense efforts to complete this work on time. (*rewrite using 'intensify'*)
  - Eat healthy food and you will never fall sick (*rewrite using 'if'*)
  - It is the educational institution which should provide for campus placement facility. (*rewrite as simple sentence*)
  - AnnWeb said, "It will take decades for the ozone layer to recover fully." (*rewrite as indirect speech*)
- Q3)** The extensive use of mobile phones has become a threat to public safety as well as social and moral values. Give your reasons in support of this and suggest measures to stop this negative trend. Your write-up should be between 250-300 words. (10)
- Q4)** You recently travelled on an old public transport bus which broke down a couple of times on the way. Write a letter to the manager of the company giving details of the poor condition of the bus and the harassment that it caused to the passengers. Also make a few suggestions to improve the service. (15)
- Q5)** Your institution asked you to make a proposal for setting up a central computing facility. You wrote to a firm which takes up such tasks on a turnkey basis. The firm sends the following chart detailing the cost on the five categories that you had asked for. Now summarise these details in the form of a report of about 250 words making a case for the total expenditure required for the purpose. (15)

Central Computing Facility (cost in thousand rupees)

