APPENDIX 4

COPY OF THE PLACEMENT TEST QUESTION PAPER

Max. Marks : 35                         Time : 2 hrs

I Choose the appropriate word to fill in each gap. Only one word makes sense in the context of each sentence 1 x 5 = 5

1 The heat of the sun is _ and released more slowly by water than by land.
   a. flowed     b. precipitated     c. adapted     d. absorbed

2 Clouds reduce the amount of solar ___ reaching the earth's surface.
   a. storage    b. radiation       c. delivery    d. conservation

3 Canada is a country rich in ___ such as minerals, timber, oil, water, etc.
   a. values     b. transactions    c. resources   d. conditions

4 Damage and loss of life by typhoons are related to three main causes: first, the high wind peaks secondly, the river flooding and thirdly, the coastal flooding from 'tidal waves'.
   a. velocities  b. depths        c. deficits    d. peaks
5 The sum will ___ the mist.

a. erode    b. evaporate    c. affect    d. produce


II Read the passage given below and write what the underlined words refer to 4 marks

Sunlight is the one source of energy which is virtually unlimited, non-polluting and totally free, if we can capture and utilize it effectively. It already provides, of course, all the ecological energy for the biosphere, and since all fossil fuels originate in organic compounds, they also come ultimately from the energy in sunlight. The problem with solar energy lies in the difficulties involved in its capture and conversion to heat or electricity. These have offered technical and economic problems which have prevented until now, the widespread use of solar energy. Now, however, the logic of science and economic need are placing more emphasis on the sun as a practical source of energy for domestic and industrial use.

The amount of solar energy striking the earth is tremendous. The total amount that strikes the earth’s surface is equivalent to the energy in 684 billion tons of coal (6.84 10^10 tons). This is more than four times the total coal reserves of the United States. It is enough energy to meet the energy requirements of the United States at present levels of consumption for 2000 years.

III. Choose the appropriate word or phrase to complete each of
the following texts 1 x 5 = 5

1. In the downtown areas of the city, speeds are _____ to a maximum of 50 km/h.
   a. incorporated  b. counted  c. restricted  d. combusted

2. After extensive research and modification, we are pleased to announce that the majority of technical problems have been ___
   a. derived  b. initiated  c. consumed  d. eliminated

3. For travellers, one of the greatest ___ of this tape recorder is that it can fit easily into a handbag or brief case.
   a. drawbacks  b. assets  c. degrees  d. replacement.

4. Many delivery vans cover about 50 km a day which is well within the range of electric vehicles before their batteries must be ___
   a. progressed  b. commercialized  c. recharged  d. guided

5. Advanced technology is playing an increasing role in the management of traffic, especially in the ____ and densely populated towns and cities.
   a. congested  b. transmitted  c. irrelevant  d. sufficient

IV Choose the best word to fill each of the numbered blanks in the passage below. Write only ONE word for each blank.

Ecology

Water, soil and the earth's green mantle of plants make up the world that supports the animal life of the earth. Although modern man seldom remembers the fact, he could not exist without the plants that harness the sun's energy and manufacture the basic foodstuffs he depends ______ for life. Our attitude ______ plants is a singularly narrow ______. If we see any immediate utility in ____ plant we foster it. ______ for any reason we find its presence undesirable, ______ merely a matter of indifference, we may condemn ___ to destruction. Besides the various plants ______ are poisonous to man or to ____ livestock, or crowd out food plants, many are marked ___ destruction merely because, according to our narrow view, they happen to ___ in the wrong place at the ____ time. Many others are destroyed merely ____ they happen to be associates of the unwanted plants.

The earth's vegetation is ______ of a web of life in which there are intimate and essential relations between plants and the earth, between plants and ______ plants, between plants and animals. Sometimes we have no ____ but to disturb ______ relationships, but we would ___ ______ thoughtfully, with full awareness that _____ we do may______ consequences remote in time and place.

PART - B

V. Using the notes given below, write a paragraph about Lemmings.

Lemmings—small rat-like creatures—inhabit Scandinavian mountains—population explosion once in three or four years—over-crowding—result: panic, aggression, mass migration downwards—fight, get killed, especially at barriers—advance—swim across small lakes—reach seashore in Scandinavia mountain and sea close by—start swimming in the sea—get exhausted—drown—legend that lemmings commit suicide.

Exercise taken from, Anna University (1990) 'English for Engineers and Technologists' 2 Chennai : Orient Longman pp

VIa. Write an essay (250 words) on, 'Television as the most popular medium of communication'.

(or)

Write an essay (250 words) on, 'The importance of groups and organisations in the lives of some people'.