

No. of Printed Pages : 6 **FEG-1/BEGF-101**

**BACHELOR'S DEGREE PROGRAMME  
(BDP/BCA/BTS)**

**Term-End Examination**

**June, 2024**

**FEG-1/BEGF-101 : FOUNDATION COURSE IN  
ENGLISH-1**

*Time : 2 Hours*

*Maximum Marks : 50*

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**Note :** *Answer all questions.*

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1. Read the passage given and answer the questions that follow :

As human civilizations have changed from agrarian to industrial economies, they have become increasingly dependent on fossil fuels (petroleum, coal and natural gas) and derived forms of energy (heat and electricity). Early agricultural societies depended entirely on the energy of sunlight to grow food, and the energy of physical labour for its cultivation and harvest. Domestic animals, introduced later, converted food energy into fats, fibres and

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proteins and provided greater physical strength to draw ploughs, pull carts and turn waterwheels. These early societies obviously did not require electricity or combustion engines to drive machines.

The invention of the electric motor and the internal combustion engine in the nineteenth century changed this orientation completely. Firstly, these machines were a startling boost to productivity. They enabled man to do far more work and to cultivate and harvest greater acreage. Secondly, machines replaced draft animals, with the result that modern agricultural operations became dependent on petroleum and electricity. An absence of either one would be disastrous to present food production throughout much of the world.

Essentially the same transition has occurred in energy requirements for industrial, transportation and domestic needs. One hundred years ago, electricity was a novelty, automobiles were a freakish invention and the diesel truck was unknown. Since then, all three have become essential. A modern city cannot

exist without electricity and petroleum. Within another hundred years we will have to find alternatives for the latter, since the world's reserves will not last that long, but our need for electrical energy will continue to rise.

(From : *Ecology and the Quality of our Environment*, by Charles H Southwick)

- (a) Answer the following questions :
- (i) Tick the title you think best describes the passage you have just read : 1
    - (A) The Energy Crisis
    - (B) The Importance of Domestic and Draft Animals
    - (C) Patterns of Human Energy Requirements
    - (D) Energy and the Industrial Revolution
  - (ii) How have the energy needs changed since the invention of the internal combustion engine ? Discuss. 3
  - (iii) Why will it be essential to find alternatives for petroleum in the next hundred years ? 2
  - (iv) What *two* basic forms of energy were sufficient to support life in early agricultural societies ? 2

- (v) What two sources of energy are considered essential to the life of the modern city ? Discuss, giving examples from your own life. 2
- (b) Pick out words from the passage which mean the same as the following : 5
- (i) pertaining to agriculture (para 1)
  - (ii) rely on (para 1)
  - (iii) way of thinking/behaving (para 2)
  - (iv) increase (para 2)
  - (v) exceptional/bizarre (para 3)
- (c) Make sentences of your own with the following *five* words/phrases. There are two extra : 5
- (i) Civilization
  - (ii) Physical labour
  - (iii) Startling boost
  - (iv) Replace
  - (v) Disastrous
  - (vi) Transition
  - (vii) Alternatives

2. (a) Fill in the blanks with appropriate prepositions : 5
- (i) We haven't written to each other ..... years.
  - (ii) Our school opens ..... July.
  - (iii) He jumped ..... the water.
  - (iv) The boys climbed the rock ..... the help of ropes.
  - (v) The young man was knocked down ..... a bus.
- (b) Complete the sentences with the appropriate verbs : 5
- (i) Rice and curry ..... (is/are) my favourite meals.
  - (ii) Your binoculars ..... (look/looks) very powerful.
  - (iii) Either Rita or her friends ..... (has/have) to do this work.
  - (iv) Either you nor I ..... (am/are) responsible for this mistake.
  - (v) Both the girls ..... at fault. (is/are)

3. Write a paragraph or two on any **one** of the following topics : 10
- (i) Exploding firecrackers is unwise in this time and age.
  - (ii) The importance of Educating each child.
  - (iii) Adventure sports that I would want to do.
  - (iv) Social media is becoming an addiction.
4. Write a dialogue on any **one** of the following. Take about ten to fifteen turns. 10
- (i) You have been asked to set up the celebrations for Environment Day in your college. Discuss with your friend what you could do.
  - (ii) Your younger brother is very careless about learning languages at school ..... he tends to concentrate on subjects like Physics, Chemistry, Maths. Discuss with him the importance of paying attention to the languages taught.