

2071  
B.Sc. (Hons.) Biotechnology  
Second Semester  
BIOT- Sem-II-I-T: English  
(Same for Bioinformatics)

Time allowed: 3 Hours

Max. Marks: 40

**NOTE:** Attempt all questions.

x-x-x

**Section - A**

I. a) Attempt any two questions in 50-60 words each:-

- i) What is a Swayamwara?
- ii) What kind of experiments did Huxley witness at the Bose Institute?
- iii) How did Hardy help Ramanujan?

b) Attempt any two questions in 50-60 words each:-

- i) What is the most striking feature of the father's character in 'Lithuania'?
- ii) What is the significance of the title 'Riders to the Sea'?
- iii) Describe the role of Fate in 'Lithuania'.

(10)

II. Answer within 100-150 words each:-

- a) Describe the places where you find dramatic irony in 'Lithuania'?

OR

Describe the character of Nora.

- b) Bring out the points of humor in 'The Conjuror's Revenge'.

OR

What was the status of widows in ancient India?

(5)

III. Match the words in column A with their meanings given in column B:

COLUMN - A

COLUMN - B

- |              |                                 |
|--------------|---------------------------------|
| a) Benighted | Small Irish fishing boat        |
| b) Jobber    | Moveable possessions            |
| c) Hooker    | Having fair hair and complexion |
| d) Chattels  | Overtaken by night              |
| e) Blond     | Broker                          |

(5)

P.T.O.

(2)

**Section - B**

- IV. Write a short report (150-200 words) on a recent theatrical performance that your class organized

OR

The role of Biotechnology in society. (5)

- V. Make a precis of the following passage, reducing it to one-third of its length, giving it a suitable title:

Lung diseases have been increasing in our cities. Think of your own friends and families; how many people can you recall straight away as suffering from some kind of breathing problem or asthma, mild or severe? Quite a few? In Bangalore, for example, if you take children alone, more than one in four - that's a quarter of them - are victims of asthma today. And look at the way it's been increasing over the years. In 1979 the prevalence of asthma among children below 18 years in Bangalore was 9%. In 1984 it was 18.5.% and in 1999 it had increased to 29%.

Asthma, as you all know, is caused by various factors: pollen or fungi in the air, change in the rainfall, humidity or temperature, among others. We investigated the conditions that have contributed to this rise in lung diseases in Bangalore. We looked at the pollen count first. Our investigation showed that the pollen count in the air had actually decreased in Bangalore, since the number of trees has been drastically reduced: so many trees were being cut down. So we had to discount increased pollen count as a causative factor. Then we studied other possible causes, like climatic change, increased humidity levels, etc. Our studies showed that there was no marked change in them during this period. (10)

- VI. a) Write a short note (100-120 words each) on:
- i) Listening (3)
  - ii) Verbal communication (3)
  - b) i) What is the importance of body language in communication? (2)
  - ii) What is effective communication? (2)

x-x-x