

I B.Tech Supplementary Examinations, November 2005**ENGLISH**

(Common to Civil Engineering,Electrical & Electronic Engineering,Mechanical Engineering,Electronics & Communication Engineering,Computer Science & Engineering,Chemical Engineering,Electronics & Instrumentation Engineering,Bio-Medical Engineering,Information Technology,Electronics & Control Engineering,Mechatronics,Computer Science & Systems Engineering,Electronics & Telematics,Metallurgy & Material Technology,Electronics & Computer Engineering,Production Engineering and Aeronautical Engineering)

Time: 3 hours**Max Marks: 80**

Answer any FIVE Questions
All Questions carry equal marks

1. How do you justify the use of **alternative** sources of energy keeping in view the demand for commercial fuels? [16]
2. Write about in service and pre service training. How would they be helpful in the smooth running of an industrial wheel? [16]
3. What is the role played by science and technology in the short fable “Silent Spring”. [16]
4. Write an essay about Srinivasa Ramanujan and the role played by Hardy in his life. [16]
5. Write about Satyendranath Bose, his achievements and contributions during his lifetime. [16]
6. Write a general essay giving your views on the devastating tidal waves which recently shook our country. [16]
7. Draft a technical report to the Chairman of your company about the requirement of infrastructural facilities in the administration building. [16]
8. (a) Read the following passage carefully and answer the questions that follow.

Some fundamental discoveries were made in India during the first thirty years of the twentieth century. Schools of research were coming up, albeit slowly. But to a person of foresight it was evident that Independence was just around the corner and a lot of effort would be needed to undo the lethargy of centuries. Apart from the efforts of a handful of extraordinary men, little had been done to take the message of modern science to the masses.

It is difficult to imagine the bleakness of the scientific setup before the war.

Today, India can **boast** of having the third largest pool of scientific and technical manpower in the world. How did it all happen? The network of scientific institutions which now span the country came into being only in the fifties. They grew out of the efforts of many people, the foremost among them being Shanti Swarup Bhatnagar, a man with tremendous zeal, energy and foresight.

Questions:

- i. When were fundamental discoveries made?
 - ii. What was evident to a person of foresight?
 - iii. What did the extraordinary men do?
 - iv. How was the scientific setup before war?
 - v. What can India **boast** of?
 - vi. When did the scientific institutions come into being.
 - vii. What do you know about Shanti Swarup Bhatnagar?
 - viii. Give meaning for the word lethargy.
- (b) Correct the following sentences:-
- i. He said that he will meet me someday.
 - ii. He is twenty years old. Isn't it?
 - iii. Kamala having finished her paper she left the examination hall.
 - iv. I am forty years.
 - v. What kind of a friend are you?
 - vi. I know that he does not care others.
 - vii. It is a good habit to refer the dictionary.
 - viii. Each of the boys were interviewed by the principal.
- (c) Give one word substitutes for the following.
- i. A list of topics to be discussed at a meeting.
 - ii. Living on land as well as in water.
 - iii. One who studies the science of animals.
 - iv. A booklet containing information about something.
- (d) Give the antonyms for the following.
- i. Continue
 - ii. Casual
 - iii. Dense
 - iv. Deficit

[8+4+2+2]
