Nepal College of Information Technology

**Unit Test**

Fall 2012

Program : BE Time : 2 hrs

Semester : (I) FM : 70

Subject : Communication Technique PM : 35

* *Candidates are requested to give their answer as far as practicable in their own words.*
* *The figure in the margin indicates the full marks*
* ***Attempt ALL question***

1. Read the following passage and answer the questions below: (10)

A British survey found that 44 percent of the firms, which started to use robots, met with initial failure and 22 percent abandoned them altogether, mainly because of inadequate technological know-how and skills at all plant levels.

Robotization is, by and large, a viable proposition. The machines can work round the clock, raise output, protect quality and industrial competiveness.

One robot can replace between two and five production workers, while providing cheaper labour. In the US car industry, a man-hour costs around $23 but robot-hour costs only $6!

Certain jobs, mostly simple or hazardous ones, are irretrievably lost to robotics. Thus spot welders, press operators, spray painters, cleaners, machine loaders, grinding and polishing machine operators are endangered species. *(source: S. T. Imam, Brush Up Your English, Bharati Bhavan, 2003)*

Questions:

a) Why do you think robotization of industries failed at the beginning?

b) What are the advantages of using robots in industry?

c) What do you understand by the phrase ‘endangered species’ in the passage?

d) Do you think the robots will replace human beings in future?

e) Write meaning of the underlined words in the passage. Also give a suitable title to the passage.

2. a) What is Technical Communication? What is its significance to technical students? (5)

b) Explain the four important factors in Technical Communication. (5)

3. Write down the summary of the above passage. (5)

4. Prepare short-notes of the above passage. (5)

5. Assume that you are a junior IT/Electronics engineer. Your boss, senior engineer Mr. Ram Pathak has sent you to participate in a seminar in Bankok. He has asked you to submit a memo mentioning about your participation in the program, its success and benefits. You have returned from Bankok. Now write down the memo. (7)

6. The 6th meeting between the students and the administration of a college was held on 25 November, 2011 at college premises. The students were demanding more facilities on sports, libraries, lab. Assume that you are the secretary and now write down the minutes of meeting on the following agenda: (8)

6.1 Sports facilities

6.2 More reference books in the library

6.3 Update the computer lab

6.4 Others

7. Convert the following sentences as indicated in the brackets: (5)

a) Have you got the tickets for the match. (AmE)

b) The conference was held on July 4th, 2011. (BrE)

c) Who are you talking to? (Formal)

d) Gabbar Singh murdered the innocent people. (Impersonal)

e) Pass the newspaper. (Highly polite)

8. Answer the following questions: (5x2=10)

a) How is the road constructed? Why preliminary survey is carried out?

b) What is wisdom, according to Russell?

9. Write an essay on the present situation of our country. Mention about price inflation, shortage of petrol and gas, load-shedding, crime, corruption, politics etc. (apx 200 words) (10)