

Tribhuvan University

2082 (Regular)

Bachelor Level [4 Yrs.]/1st Year/Science & Tech.

Full Marks: 50

Scientific Communication – Sc. 101

Time: 2 hrs.

Candidates are required to give their answers in their own words as far as practicable.

The figures in the margin indicate full marks.

Attempt All the questions.

1. Read the following passage and answer the questions given below. [10]

In the scientific world, all this is difficult and different. It is not by prayer and humility that you cause things to go as you go, but by acquiring knowledge of natural laws. The power you acquire this way is much more greater and much more reliable than that formerly supposed to be acquired by prayer, because you never could tell whether your prayer would favorably heard in heaven. The power of prayer, moreover, had recognized limits; it would have been impious to ask too much. But the power of science has no known limits. We were told that faith could remove mountains, but no one believed it. We are now told that the atomic bombs can remove mountains, and everyone believes it. (*“God in the Godless Universe”*)

Questions:

- a) What are the features of pre-scientific world? [2]
 - b) What is the gist of the text? [2]
 - c) Do you get any deductive logical order in this passage? [2]
 - d) Give your own title to this paragraph. [2]
 - e) Do you think that there should be God in this Godless universe?[2]
2. (a) How do human beings change the environment? List some ways that the author of "Pollution and Super Pollution" has mentioned. [7.5]

(b) What is the major ideas of the essay "Science and Survival" by Barry Commoner? Do you think his argument is worth considering? [7.5]

3. a) Add the correct end punctuations. [2.5]

- i. Fingerprints provide clues about person's health
- ii. Have you ever been finger-printed
- iii. Many people wonder if fingerprints are reliable
- iv. We won
- v. Children's fingerprints vanish more quickly

b) Give antonyms of the following words. [2.5]

Luck, honest, sure, best, sincere

4. Prepare an outline of a composition on "Students', protest' purposeful or harmful"?[5]

5. Prepare a report on. [15]

"Three-day Science Exhibition in your Campus"

OR

Write a five paragraph essay on "Science and Society"

The End