



UNIVERSITY OF RUHUNA

Faculty of Engineering

Mid-Semester 4 Examination in Engineering: November 2014

Module No: IS 4308

Module Name: Technology and Society

[Two Hours]

[Answer both questions, each question carries 10 marks]

- Q1. Explain clearly the following: (2marks x5 =10 marks about 250 words each)
- The production of useful artifacts or technology is the very essence of human nature and human activities.
 - Technology is one of the major factors that determine the course of history and the fate and shape of society.
 - Technology is a system dedicated to the mastery of nature through the mediation of devices which extend and amplify powers of humankind.
 - All forms of political and economic organizations that occurred throughout history were related to the state of technology of their time.
 - Technology should remain as enabler, as simplifying and time saver tools so we can think more and do more good on earth.
- Q2. Discuss in detail the following: (2marks x5 =10 marks about 250 words each)
- Technology now permeates society to such an extent that virtually all economic and social activities include the use of technology.
 - Modern Technology has revolutionized business, communication and education.
 - In this information age, the production, manipulation and transmission of information has become a dominant economic activity.
 - Technology has always helped the poor. It is the key to eliminate poverty and achieve higher standards of living.
 - We could not sustain the lives of the vast number of humans, living on our planet without extensive use of technology.