

First Year First Semester Examination in Business Administration / Commerce -  
2010/2011 (March 2012) (Proper/ Repeat/ Re-Repeat/ Re-Re-Repeat)

COM 1021 Basic Science for Non- Science Students

Answer All Questions

Time: one Hour

Part - I

Give brief answers to the following questions:

- (a) State the basic chemical elements of carbohydrate.
- (b) Give a function of carbohydrate in a living cell.
- (c) What is the nanolevel of organisms?
- (d) What are the bio macro molecules that inherit characteristics to the generation?
- (e) What is the monomer of starch?
- (f) Name an aquatic eco system.
- (g) State two biotic or living factors of an aquatic eco system.
- (h) Write two abiotic or non living factors of the given eco system in Question(f)
- (i) What are the values of bio diversity?
- (j) Name a natural heritage of Sri Lanka that consist more biodiversity than other eco system.
- (k) Name two environmental problems of expanding human population.
- (l) Write two problems of burning fuels
- (m) What is the main gas that causes acid rain?
- (n) State two factors that pollute aquatic eco system
- (o) Give two control measures to minimize aquatic pollution
- (p) Name two pollutants that pollute drinking water.
- (q) Explain two problems of acid rain
- (r) Carbon Mono Oxide reduces the Oxygen carrying capacity by haemoglobin.  
State a source that releases carbon mono oxide to the atmosphere.
- (s) State two problems of deforestation in Sri Lanka.
- (t) What is the mineral cause of Eutrophication?

(20x4 = 80 Marks)

Part- II

Answer any two of the following questions:

1. Give the short Notes on:
  - (a) Acid rain;
  - (b) Global warming
2. Describe the drinking water problem in future.
3. Briefly explain the "Sustainable Resource Management" for future economic development.

(10x2 = 20 Ma