**SHAHJALAL UNIVERSITY OF SCIENCE & TECHNOLOGY, SYLHET**

2nd Professional MMBS Examination, January-2014

Subject: Community Medicine, Type: **SAQ**

Answer any four questions from group A, B & C and any one question from group D. Each group carry equal Marks (4×5=20) except group D (1×10=10). Use separate answer script for each group.

Total Marks: 70 Time 2 Hours & 40 minutes

**Group A**

1. a) Define Community Medicine. Enumerate the differences between Community Medicine and Clinical Medicine

b) Write the elements of primary health care?

1. a) What are the sources of air pollution? How you can prevent dose?

b) Mention the source of water pollution. List water borne diseases.

1. a) Calculate mean, median and mode from the following observed values – 24,7,10,21,15,28,12,21,16,19,8,21.

b) What is fertility? What are the factors responsible for high fertility in Bangladesh?

1. a) Who are the ideal clients for IUCD? Write down the follow up instruction of IUCD.

b) Classify methods of contraception. What are the natural methods?

1. a) Write short note on: (Any Two): a) Census. b) Cold chain c) MDG

**Group B**

1. a) What are the manifestations of vit.A deficiency? How you will treat a boy of 4 year age who has been suffering from night blindness?

b) Differentiate between the clinical features of Kwashiorkor and marasmus.

1. a) What are the uses of health indicators? Write down 5 examples of mortality indicator.

b)Define demography with its observable phenomena. What are the factors responsible for high fertility in Bangladesh?

1. a) What are the barriers of communication? Discuss with examples.

b) Define carrier. State the type and epidemiological importance of carrier.

1. a) What are the warning signs of pregnancy? Write down the criteria for clean and safe delivery practice.

b) What are common school health problem?

1. a) Write short notes on: (Any Two): a0 IDD b) Epidemiological triad. C) Disease cycle.

**Group C**

1. a) Define immunity. What are the difference between active and passive immunity?

b) Enumerate the Occupational health hazards. Name the personal protective devices.

1. a) List the diseases transmitted by different types of mosquitoes and Sand fly.

b) Discuss vector control measures.

1. a) What is data? How you can collect data?

b) Illustrate communication process. Mention the method in health education.

1. a) Define and classify screening for disease. What should be the criteria of a disease selected for screening?

b) Discuss home management of diarrhea patient with no sign of dehydration.

1. a) Write short notes on: (Any Two) : a) UNICEF. b) Refuse disposal. c) Cold chain.

**Group D**

1. a) How HIV/AIDS spread? Describe the HIV/AIDS situation in Bangladesh. How you can prevent incidence of the disease?
2. Define Epidemiology. What are the Epidemiological methods? State the difference between case control and cohort study.