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

2nd Professional MBBS Examination, **May’2017**

Subject: Community Medicine, Type: SAQ

Total Marks: 70 Time: 2 Hours & 40 minutes.

**Instruction:** Answer any three questions from each group. In group ‘D’ question no. 1 is compulsory

**Group A (Each question carries 6 marks)**

Q.1 a) Mention the purposes of health indicator .List 5 important Mortality indicators.

b) State different levels of disease prevention with their interventions.

Q.2 a) Define & classify communication. Write down communication processes with diagram.

b) What do you mean by motivation? Write down the methods of health education.

Q.3 a) Enumerate the EPI schedules of Bangladesh. List the equipment’s use to maintain cold chain.

b) What do you mean by herd immunity? Write down 5 important differences between active &

passive immunity.

Q.4 a) State occupational health hazards of health personal and its prevention.

b) Discuss health care delivery levels of Bangladesh with its diagram.

**Group B (Each question carries 6 marks)**

Q.1 a) What do you mean by vital statistics. Classify data with example.

b) What down the different methods of data presentation?

Q.2 a) Define sample. Classify sampling technique with example.

b) Name the measures of dispersion. Calculate central tendency from the following observed

values : 3, 5, 5, 6, 4, 5, 6, 4

Q.3 a) Mention 5 important nutritional health problems of Bangladesh. How you will treat a boy of 16

month who has been suffering from night blindness.

b) Write down WHO classification of PEM. Outline the UNICEF guidelines for prevention against

PEM

Q.4 a) Define vector. Mention the principles of control of arthropod borne disease.

b) What do you mean by complete & partial block flea? Write down the epidemiological importance of

partial block flea.

**Group C (Each question carries 6 marks)**

Q.1 a) Define demography. Draw and comment on population pyramid of developing country and

developed country.

b) Name the sources of Air Pollution. How to control?

Q.2 a) What is meant by refuse, sewage and Sullage? Name the refuse disposal methods. List the advantage

and disadvantage of Dumping and incineration.

b) Name the methods of water purification in large scale. How to supply drinking water in a flood

affected area?

Q.3 a) Define primary health care. Name the principles. Explain the necessity of multi-sectorial approach.

b) Define maternal death. Name the common causes. How to prevent maternal death?

Q.4 a) Write shorts notes on any two:

i) SDG ii) Growth Chart iii) Pneumoconiosis

**Group D (Question no. 1 carries 6 marks & others question carries 5 marks)**

Q.1 a) Name 4 chronic non-communicable diseases. Name the risk factors hypertension .How to control?

b) Classify epidemiological methods. Differentiate between case-control study and cohort study.

What is cohort?

Q.2 a) Define epidemiology. Explain distribution and determinants of disease.

b) Mention the criteria of a healthful school environment. What are the functions of school health

medical officer?

Q.3 a) What is meant by family planning? Classify hormonal family planning methods.

b) What are the importance of doctor-patient relationship? How will you improve doctor-patient

relationship?

Q.4 a) Write short notes on any two:

i) UNICEF ii) Word Health Day iii) Cu T