

**University of Jaffna, Sri Lanka**  
**Second Examination for Medical Degrees – Part II - December 2012**  
**Community & Family Medicine**

Date: 10.12.2012

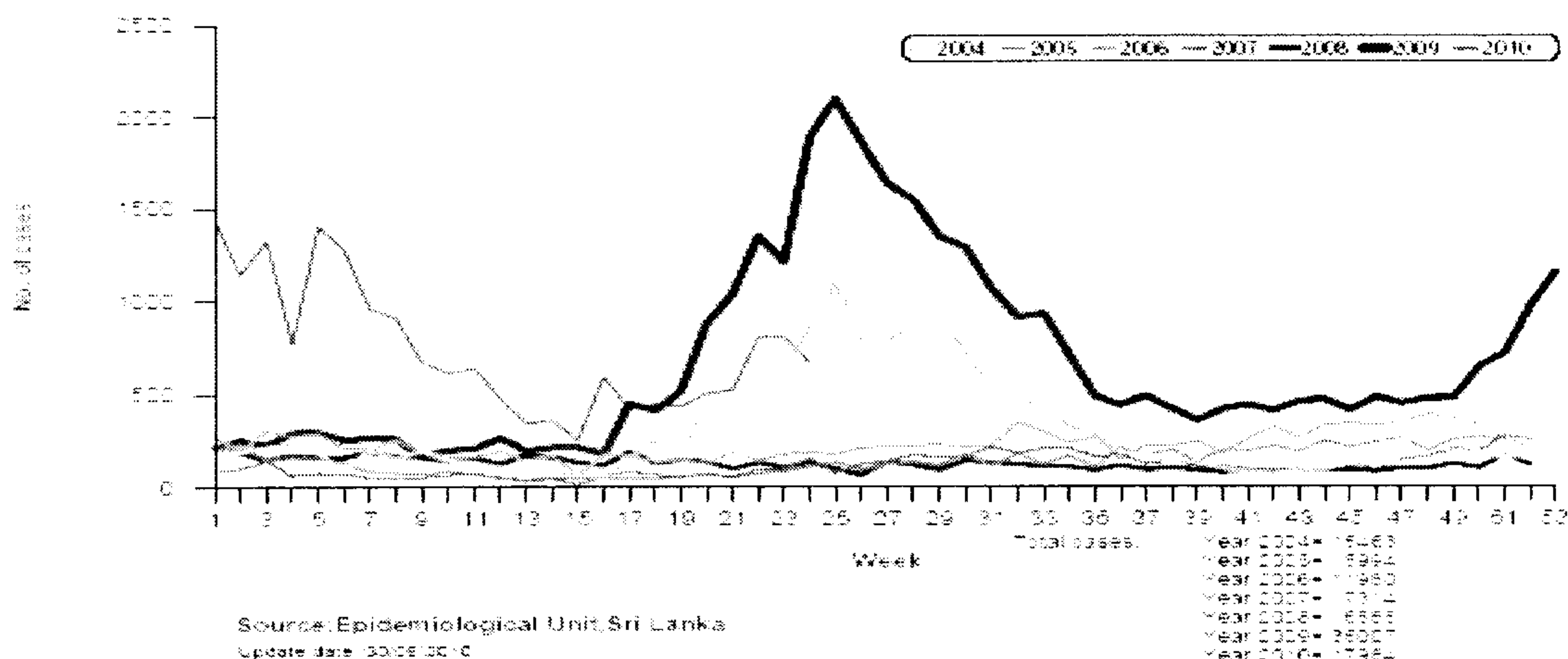
Time: 03 hours

Answer all the **Six** questions

Answer each Question in separate answer book

1. Notifications of cases of dengue fever in Sri Lanka for 2004 to 2010 is given below

Figure: Notification of Dengue fever cases in Sri Lanka 2004 - 2010



- 1.1 Describe the graph. (30 marks)
- 1.2 How will you utilize the findings from this graph in the prevention of Dengue fever in the following years? (20 marks)
- 1.3 Describe the measures ~~not~~ to be taken to prevent spread of dengue fever. (50 marks)
- 2
- 2.1 Define Nutrition. (20 marks)
- 2.2 List the causes of under nutrition among children under 5 years. (20 marks)
- 2.3 Explain how you could prevent under nutrition in this group. (60 marks)

3. The following data are taken from a study done to investigate the relationship between blood pressure and Ischaemic Heart Disease.

A total of 255 persons were studied, of whom 55 had Ischaemic Heart Disease and 140 had high blood pressure out of the 200 controls 100 had high blood pressure levels.

3.1. List the risk factors of Ischaemic Heart Disease (20 marks)

3.2 Mention the study design used for the above study. (20 marks)

3.3 Present the above data in a 2x2 table. (40 marks)

3.4 Name the statistical test/s you would use to decide whether there is a relationship between Ischaemic Heart Disease and blood pressure levels. (20 marks)

4. Home visit is a unique feature of Family Medicine.

4.1. List five indications for a home visit. (20 marks)

4.2. Discuss the advantages and disadvantages of a home visit from a patient's point of view. (40 marks)

4.3. Discuss the advantages and disadvantages of a home visit from a doctor's point of view. (40 marks)

5. Write notes on

5.1. terminal care (25 marks)

5.2. the certificate of cause of death (25 marks)

5.3. prevention of Diabetes mellitus (25 marks)

5.4 adverse event following immunization (25 marks)

6.

6.1. List the diseases against which one year old children get immunity through the current EPI programme. (15 marks)

6.2. Describe the 'open vial policy' practiced in Sri Lanka. (25 marks)

6.3. List the factors, which are usually considered when introducing a new vaccine into the EPI programme. (25 marks)

6.4. Discuss the role of a MOH in improving AEFI reporting in his area. (35marks)