

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

**Date: 10.12.2012**

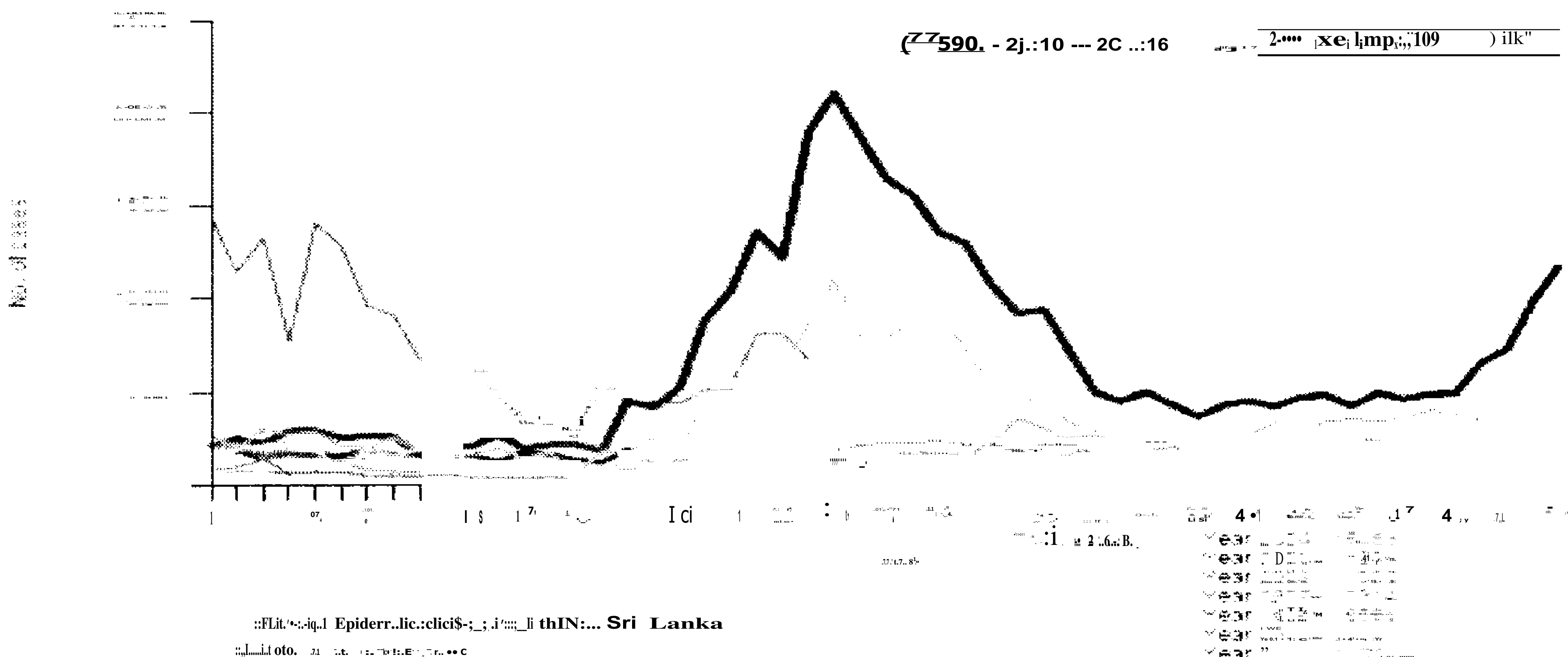
**Time: 03 hours**

**Answer all the Six questions**

**Answer each Question in separate answer book**

**I. 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 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 testis 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 AER reporting in his area. (35marks)**