

**UNIVERSITY OF JAFFNA, SRI LANKA**  
**FINAL EXAMINATION FOR MEDICAL DEGREES – DECEMBER 2009**  
**MEDICINE PAPER II**

DATE: 02.12.2009

TIME ALLOWED: 3 Hours  
1.00 -4.00 PM

**ANSWER ALL TEN QUESTIONS**  
**ANSWER EACH QUESTION IN A SEPARATE BOOK**

01. 13 year old girl was admitted with history of cough and fever of 2 weeks duration. She has been suffering from recurrent chest infections for past 10 years. On examination she has halitosis, clubbing and bilateral coarse crepitations.
- 1.1 What is the most probable diagnosis ? - 10 marks
  - 1.2 What are the points in the history that will help to find the aetiological cause for the Condition you have mentioned in 1.1 ? - 30 marks
  - 1.3 How will you treat this girl ? - 45 marks
  - 1.4 List 5 complications that can occur in this girl. - 15 marks
02. 60 year old male chronic smoker presented to Emergency Unit with history of sudden onset weakness of right upper limb and lower limb of 20 minutes duration. The weakness has improved completely within next 30 minutes.
- 2.1 What is the most probable diagnosis ? - 10 marks
  - 2.2 Write 2 differential diagnoses. - 10 marks
  - 2.3 List the investigations that should be done in this patient with reasons. - 40 marks
  - 2.4 Brief out the treatment of this patient. -40 marks
03. A 26 year old female was admitted with polyarthritis of four weeks duration.
- 3.1 What are the features in the history and examination that favour the diagnosis of Rheumatoid Arthritis? - 20 marks
  - 3.2 List 2 other conditions that should be considered in the differential diagnoses. - 15 marks
  - 3.3 Enumerate the investigations that should be done to make a diagnosis of rheumatoid arthritis. - 25 marks
  - 3.4 Brief out the management of rheumatoid arthritis. - 40 marks

04. A 20 year old boy presented with a history of generalized body swelling
- 4.1 If urine albumin was +++, what specific questions in the history may help to arrive at aetiological cause? - 20 marks
  - 4.2 Enumerate the investigation that should be done in the case of Nephrotic syndrome? - 30 marks
  - 4.3 Outline the management of minimal change Glomerulonephritis. - 30 marks
  - 4.4 List 4 other possible causes of generalized body swelling. - 20 marks
- 05.
- 5.1 List five causes of Hypothyroidism? - 20 marks
  - 5.2 What are the signs useful in the diagnosis of Hypothyroidism? - 30 marks
  - 5.3 Outline the management of primary Hypothyroidism - 50 marks
- 06.
- 6.1 List five causes of iron deficiency anaemia. - 20 marks
  - 6.2 What are the points in the history and examination that would be useful in the management of patient with iron deficiency anaemia? - 40 marks
  - 6.3 How will you manage patient with iron deficiency anaemia? - 40 marks
07. A 24 year old final MBBS student was admitted with fever, Generalized aching pain, retro orbital pain, sore throat and tiredness of 6 days. On examination he was found to be ill, dehydrated and having conjunctival injection, cervical lymphadenopathy, throat inflammation, petechial bleeding on palate and splenomegaly.
- 7.1 What is the most probable diagnosis? - 10 marks
  - 7.2 What are the investigations you will do to confirm the diagnosis - 20 marks
  - 7.3 How will you manage this patient? - 40 marks
  - 7.4 List 3 complications of this condition. - 30 marks

08. A 56 year old previously healthy man was admitted with haematemesis and passing tarry stools for 2 days.

8.1 What are the changes you will expect on clinical examination to assess the degree of bleeding? - 30 marks

8.2 List the management steps you will take to stabilize the patient. - 30 marks

8.3 If the bleeding is due to varices, list the follow up advices you will give. -15 marks

8.4 List 4 other causes for above presentation. - 25 marks

09.

9.1 Define stable angina - 10 marks

9.2 How will you evaluate a patient with stable angina? - 40 marks

9.3 Discuss the management of stable angina. - 50 marks

10. A 35 year old man presents himself to the admission room around 8 AM with the complaints of loss of sleep, frightening experiences and trembling of body from midnight. History further reveals that he hasn't had a past history of mental illness but has been regularly taking kassipu though he stopped taking it for the last two days because of a temple festival.

10.1 What is your probable diagnosis? - 10 marks

10.2 What are the possible physical signs which could be presented at the time of admission? - 20 marks

10.3 Briefly describe the common mental state findings associated with this clinical condition. -20 marks

10.4 How will you manage him for the next week? - 30 marks

10.5 After few days, he wants to know how he could quit from his alcohol habit. What advices would you give? - 20 marks