

**FAMILY MEDICINE**

**PAPER-I**

Time: 3 hours  
Max. Marks:100

FLM/J/19/08/I

**Important Instructions:**

- *Attempt all questions in order.*
- *Each question carries 10 marks.*
- *Read the question carefully and answer to the point neatly and legibly.*
- *Do not leave any blank pages between two answers.*
- *Indicate the question number correctly for the answer in the margin space.*
- *Answer all the parts of a single question together.*
- *Start the answer to a question on a fresh page or leave adequate space between two answers.*
- *Draw table/diagrams/flowcharts wherever appropriate.*

**Write short notes on:**

1. A 50-year-old patient comes to you with shortness of breath for the past 5 days. He is a diabetic and a hypertensive but has not been regular in his visits to the doctor. He has a history of smoking for the past 25 years and has been coughing on and off for the past 2 months. 2+4+2+2
  - a) What are the possible causes of his shortness of breath?
  - b) The clinical approach to this patient including history and physical examination.
  - c) Investigations to assess this patient with justification for each.
  - d) Describe the pharmacological management of each of the causes of symptoms you have listed.
2. A 24-year-old bus driver is brought to you by his family with history of episodes of sudden and unexplained behaviour lasting for a few hours after which he is normal. 2+4+4
  - a) State the likely differential diagnosis you would consider.
  - b) What historical points will you elicit to substantiate your diagnosis?
  - c) Discuss the role of investigations to establish the diagnosis.
3. A 25-year-old lady presents to you with history of hemi-cranial headache for the past 2 days. She has been having similar symptoms since the age of 15 years. 2+2+2+4
  - a) List the common causes of headache in family practice.
  - b) What clinical features will you look for in this patient to arrive at a diagnosis?
  - c) How will you manage the current symptoms?
  - d) How will you counsel her to prevent further attacks?

**P.T.O.**

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| 4.  | Etiology, clinical features, investigations and management of post streptococcal glomerulonephritis.  | 1+2+2+5   |
| 5.  | A 40-year-old labourer in the local market presents to you with history of generalised pruritus for the past 1 week. Discuss the approach to this patient including significant history, physical examination, investigations and management.   | 3+2+2+3   |
| 6.  | A 40-year-old businessman with a busy work schedule visits you as he has a family history of diabetes mellitus, heart disease and high cholesterol and is concerned about his health. He has a BMI of 35.<br>a) Comment on the significance of BMI and how reducing it will affect other co-morbidities.<br>b) Discuss the various methods of weight reduction you will advise.   | 5+5       |
| 7.  | a) Clinical features, investigations and management of depression in family practice.<br>b) List the indications for referral to a psychiatrist.  | (3+2+3)+2 |
| 8.  | Describe the common symptoms and their management in a terminally ill patient suffering from breast cancer.   | 10        |
| 9.  | A 55-year-old woman presents to you with history of fatigue, weight gain and day-time drowsiness for the past 3 months.<br>a) List 3 possible causes for her symptoms giving reasons.<br>b) Describe in detail the clinical approach to this patient in the light of the above possibilities.   | 5+5       |
| 10. | A 55-year-old lady who has been a diabetic for the past 8 years, complaints of burning and pricking sensation of her feet. Her standing systolic blood pressure is 30 mm Hg lower than when she is sitting.<br>a) What specific physical examination points will establish the likely diagnosis?<br>b) Discuss the mechanism of low standing blood pressure.<br>c) List other abnormalities she is likely to have in the light of the blood pressure abnormality. | 4+2+4     |

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