FAMILY MEDICINE

PAPER -I

Time : 3 hours
Max. Marks : 100

Attempt all questions in order.
Each question carries 10 marks.

1. Enumerate the causes of acute viral hepatitis. Briefly describe biochemical and serological tests for it. How will you manage acute viral hepatitis? What measures should be taken for its prevention? 1+3+3

2. Define anaphylaxis. Enumerate various causes of anaphylaxis. Which is the most useful drug for its management? Describe the steps of management of anaphylaxis. 2+4+1+3

3. Describe primary and secondary skin lesions. Discuss the various diagnostic techniques for skin disorders. (3+3)+4

4. Describe the risk factors, lab investigations, differential diagnosis and management of stroke. Briefly describe stroke control programme. (2+2+2+2)+2

5. What are the common health problems faced by older people? Can lifestyle modification prevent them? Explain. What are the other preventive steps to be taken to modify these problems. 3+3+4

6. Briefly describe the epidemiology of tuberculosis in our country. What is RNTCP? How does it differ from earlier programme on TB? Discuss briefly about DOTS-Plus. 4+1+2+3

7. What is dementia? What are the common causes of dementia? What are the clinical presentations of dementia? What are the management strategies to prevent and treat it? 2+2+2+4

8. Describe the clinical picture, diagnosis and treatment of rabies in man. How human rabies can be prevented? (2+2+2)+4

9. What is food poisoning? Describe briefly various types of food poisoning. Discuss its differential diagnosis. How will you investigate food poisoning? 1+3+2+4

10. What is ESRD (End stage renal disease)? How you will grade ESRD? Discuss the health education programme to prevent chronic renal disease. 2+3+5

***********************

POSSESSION / USE OF CELL PHONES OR ANY SUCH ELECTRONIC GADGETS IS NOT PERMITTED INSIDE THE EXAMINATION HALL.
FAMILY MEDICINE

PAPER –II

Time : 3 hours
Max. Marks : 100

Attempt all questions in order.
Each question carries 10 marks.

1. A 40 years old male patient presented with bleeding per rectum for the last six months. Enumerate possible causes of his bleeding. How will you investigate him? How will you treat him in case he has bleeding piles?

2. A 25 years old male patient sustained crush injury in his right lower limb. Next day, he developed sudden swelling of the limb, sero-sanguinous discharge from the wound and crepitations in the subcutaneous tissue. Discuss etiopathology of his lesion. How will you investigate him? Give brief outlines of his treatment.

3. A 35 years old male patient presented in emergency with acute onset, severe pain in epigastrium that became generalized all over the abdomen. On examination, he was in shock with board like abdominal rigidity. Enumerate possible causes of his problem. How will you investigate and treat him?

4. Write short notes on:
   a. Painless loss of vision and its causes.
   c. Lasers in ophthalmology.

5. A 20 years old female presented in emergency with accidental burns six hours ago. Her whole body except both lower limbs and perineum are burnt. Surprisingly she has minimal pain and burnt area is hard and leathery to feel. Briefly describe the methods of assessment of area and depth of burns and calculate her burns. Give outlines of emergency treatment of her burns.

6. What are the inguino-scrotal disorders in a child? Describe the diagnosis, differential diagnosis and management of a case with “Acute Scrotum” in a child.

7. Enumerate various local anesthetic drugs. Briefly describe the dose limit, concentration and complications of lignocaine used for local anesthesia. What are the advantages and contraindications of adding adrenaline to local anesthetic drug?

8. What is epistaxis? What are the causes of epistaxis in a 60 years old man? How will you investigate him and manage?

9. A 10 years old child presents with history of accidental inhalation of foreign body. Enumerate various foreign bodies commonly inhaled by a child. How will you diagnose and manage this child?

10. What are the methods of artificial nutritional support by “Enteral Feeding”? What are the complications of enteral feeding? Briefly describe the steps of insertion of a nasogastric tube in an adult patient.

***************************
FAMILY MEDICINE
PAPER –III

Time : 3 hours
Max. Marks : 100

Attempt all questions in order.
Each question carries 10 marks.

1. How do you classify anemia? Discuss the laboratory evaluation of anemia. How will you manage iron deficiency anemia in pregnancy? 2+4+4

2. What is persistent diarrhea? What are its causes? How will you assess the degree of dehydration? How will you manage such a case? 1+2+4+3

3. What is physiological jaundice of newborn? Enumerate causes of breast milk jaundice, physiological jaundice of newborn and prolonged physiological jaundice. What is kernicterus? 2+(2+2+2)+2

4. What is the age of completion of primary dentition? What is delayed dentition? What are its various causes? Describe treatment of nutritional rickets. 1+2+4+3

5. A woman reports with purulent vaginal discharge. What are the causes of such a discharge? What relevant history, examination and investigations are required for this patient? Discuss the management of such a case. 1+(1+2+2)+4

6. How do you calculate maternal mortality ratio? How do you get estimates of maternal mortality? What are various causes of maternal mortality in our country? Outline steps to reduce maternal mortality? 2+2+3+3

7. What is a contraceptive method? Give the broad groups of contraceptives. Enumerate second generation IUDs. What is the mechanism of action of IUDs? Discuss the effectiveness of IUDs. What is emergency contraception? 1+2+2+2+2+1

8. Discuss the components of essential obstetric care and emergency obstetric care. What is Janani-Shishu Suraksha Karyakram (JSSK)? What facilities are provided under JSSK? (3+3)+1+3

9. What are the common sites of tubal pregnancy? What are its risk factors? Discuss the clinical features and management of tubal pregnancy? 1+3+(3+3)

10. What is dysmenorrhoea? Discuss its etiology, clinical features and management. 1+(2+3+4)

***********************
FAMILY MEDICINE

PAPER –IV

Time : 3 hours
Max. Marks : 100

Attempt all questions in order.
Each question carries 10 marks.

1. What is a family? Describe the various types of families. What is a problem family? What is the role of family in health? 1+3+2+4

2. What is primary health care? Enumerate the elements of primary health care? Briefly describe the elements of primary health care with suitable examples. 2+3+5

3. Briefly discuss various types of communications and barriers of communications. Describe the various functions of health communication. Enumerate commonly used audio visual aids in the practice of health education. (3+2)+3+2

4. What is planning and management? Describe briefly the various steps involved in planning cycle. Enumerate management techniques based on quantitative methods. Describe briefly the network analysis. 1+4+2+3

5. Classify genetic disorders. Enumerate chromosomal disorders. What is the role of genetic predisposition in common disorders? Describe the various preventive and social measures relating to genetic disorders. 1+2+3+4

6. What are the components of a health information system? What are the various uses of health information? Describe briefly the various sources of health information. 2+2+6

7. What is family medicine and what is a family physician? How does the approach of a family physician differ from a public health expert? Explain with examples. (2+2)+6

8. What is self medication? Why do people indulge in self medication? What are its disadvantages? How can it be prevented? 2+3+2+3

9. What are the National Health Programmes adopted by Government of India? What are the components of NRHM? Describe the role of ASHA. 5+3+2

10. What is disability? What are the new concepts in dealing with disabled people? How can a home be made disabled friendly? 2+3+5

**************

POSSESSION / USE OF CELL PHONES OR ANY SUCH ELECTRONIC GADGETS IS NOT PERMITTED INSIDE THE EXAMINATION HALL.