

**FAMILY MEDICINE**

**PAPER – I**

Time : 3 hours

Max. Marks : 100

FLM/D/12/08/I

Attempt all questions in order.

Each question carries 10 marks.

1. a) Describe chronic fatigue syndrome. (2)  
b) What is the pathogenesis, manifestation and Centers for Disease Control and Prevention (CDC) criteria for diagnosis? (2+2+2)  
c) Mention its treatment? (2)
2. a) How you will confirm the diagnosis of HIV? (3)  
b) What are the common symptoms for the patients suffering from HIV/AIDS? (3)  
c) What are the NACO guidelines for initiation of ART? (3)  
d) Which ART drug must be avoided in pregnancy? (1)
3. a) Discuss the ring enhancing lesions on MRI brain? (3)  
b) What are the common causes? (3)  
c) How you will treat neurocysticercosis? (4)
4. a) What are the symptoms of urinary tract infection (UTI)? (2)  
b) How will you diagnose it? (2)  
c) What are the organisms responsible for it? (3)  
d) What is the treatment of UTI? (2)  
e) What are the common complications of UTI? (1)
5. a) What is the Guillian Barré syndrome (GBS)? (1)  
b) What are the symptoms of GBS? (2)  
c) How you will diagnose it? (3)  
d) What is the treatment of GBS? (3)  
e) What are the complications of GBS? (1)
6. a) What is mania? (1)  
b) How does it differ from depression? (2)  
c) What is the treatment of mania? (4)  
d) What are the side effects of drugs used for the treatment of mania? (3)
7. a) Describe the skin lesion of psoriasis. (2)  
b) What are the other manifestations of psoriasis? (2)  
c) What is the treatment of psoriasis? (4)  
d) Recent advances in treatment of psoriasis? (2)

**P.T.O.**

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**PAPER – I**

8. a) What is osteoporosis? (1)  
b) What are the diagnostic approaches for it? (4)  
c) What is management for it? (3)  
d) How will you monitor the response? (2)
9. a) What is hematemesis? (1)  
b) What are the common causes of hematemesis? (2)  
c) How will you confirm its cause? (2)  
d) How you will approach to a patient with hematemesis? (5)  
Mention suggested algorithm.
10. a) What are ventricular arrhythmias? (2)  
b) How you going to diagnose ventricular premature complexes (VPCs) on ECG. Please state finding. (3)  
c) How do you differentiate it from atrial ectopic? (2)  
d) What is the treatment? (3)

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**FAMILY MEDICINE**

**PAPER – II**

Time : 3 hours  
Max. Marks : 100

FLM/D/12/08/II

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

1. A 35 year old pregnant female presents with symptoms of hyperthyroidism.
  - a) What investigations are proposed? (3)
  - b) Discuss plan of management. (7)
  
2.
  - a) Clinical sign of carcinoma breast. (3)
  - b) Investigations of a case of metastatic breast carcinoma. (4)
  - c) Counseling for chemotherapy in metastatic breast carcinoma. (3)
  
3. A 60 year old male presents with epistaxis (bleeding nose).
  - a) Enumerate possible causes for this. (3)
  - b) Investigations proposed to establish cause of bleeding (3)
  - c) Emergency measures to control bleeding in this patient. (4)
  
4.
  - a) Signs and symptoms of benign enlargement of the prostate (BEP). (3)
  - b) Diagnostic investigations of BEP. (3)
  - c) Drug treatment of BEP. (4)
  
5. A 30 year old male with chronic smoking presents with gangrene right big toe.
  - a) Enumerate possible physical signs that are likely to be present in this case. (4)
  - b) Proposed list of diagnostic investigations. (3)
  - c) Various operative options for this patient. (3)
  
6. Write brief notes on: -
  - a) Caudal anesthesia (5)
  - b) Succinylcholine (5)
  
7. Write short notes on:
  - a) Chalazion (3)
  - b) Stye (3)
  - c) Narrow angle glaucoma (4)
  
8.
  - a) Nasal fracture sustained after fall. (5)
  - b) Quinsy (5)

P.T.O.



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**PAPER – II**

9. Describe various splints and their role in emergency room in orthopedic trauma. (5+5)
10. Describe briefly:
- a) Plaster of Paris (5)
  - b) Fracture clavicle (5)

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**FAMILY MEDICINE**

**PAPER – III**

Time : 3 hours  
Max. Marks : 100

FLM/D/12/08/III

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

1. Enumerate the causes of maternal mortality in India. Discuss briefly the management of Post Partum Hemorrhage (PPH) at PHC level. List identifications of referral to a First Referral Unit (FRU). 2+5+3
2. What do you understand by antenatal care? List domains of care that must be provided in sub-centre settings. What health education would you provide to such a lady? 2+4+4
3. Define contraceptives. List and classify contraceptives used in family welfare programme in India. Write and discuss the options available for a nursing mother with a 5 month old infant. 2+3+5
4. What is anemia of pregnancy? Enumerate its common causes. Discuss domiciliary management of mild to moderate anemia. 2+2+6
5. What is hyperemesis gravidarum? How would you differentiate it from morning sickness? Discuss the management of hyperemesis gravidarum. 2+2+6
6. Define malnutrition. List classifications used for grading protein-energy malnutrition. How would you manage a child of moderate PEM? 2+2+6
7. Define acute respiratory infections (ARI). Discuss the approach of IMNCI for classification and management of a 2 year old child having cold and cough. 2+(4+4)
8. Enlist micronutrients of public health importance. What are iodine deficiency disorders (IDD)? Discuss steps taken by Government of India for its prevention and control. 2+3+5
9. List out the clinical staging for HIV infection in children as recommended by WHO. Discuss briefly the diagnosis and anti-retroviral therapy of HIV infection in children. 2+(4+4)
10. What is nephrotic syndrome? Discuss briefly its diagnosis and management in a 10 year old child. 2+(3+5)

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FAMILY MEDICINE

PAPER – IV

Time : 3 hours

Max. Marks : 100

FLM/D/12/08/IV

Attempt all questions in order.

Each question carries 10 marks.

1. Define fever. Enlist types of fever and write briefly on them. Discuss management of a 10 year old child suffering from high grade fever. 2+3+5
2. What is primary immunization? Make a list of vaccines recommended under Universal Immunization Programme (UIP) including their dose, age of administration and route. Enumerate vaccines recommended by Pediatricians over and above those of UIP. 2+6+2
3. Name important ligaments of female pelvis. Discuss their applied anatomy with a brief outline of management of uterine prolapses. 2+8
4. Classify carbohydrates of physiologic importance. Discuss role of dietary fiber on our foods. Enlist foods high in fibers that you would recommend for your patients. 2+6+2
5. What is Post Exposure Prophylaxis (PEP) for rabies? Discuss briefly local wound care and immunization for a category III street dog bite. 2+(4+4)
6. Classify anti-malarial drugs used under the National Vector Borne Disease Control Program (NVBDCP) in India. Discuss the treatment of uncomplicated Plasmodium vivax malaria in a 10 year old child. Enumerate preventive measures for other families in the locality. 2+5+3
7. Define demography. Discuss in brief how and which of the demographic trends are monitored in India. 2+(4+4)
8. What do you understand by Baby Friendly Hospital Initiative (BFHI)? List the criteria to be fulfilled for recognition of a hospital as BFHI. How would you manage a case of failure of lactation? 2+4+4
9. What is First Referral unit (FRU)? Enlist the specialists who must be posted in an FRU and the services they would provide. Write in brief services to be provided at non-FRU community health centers. 2+4+4
10. What is safe and wholesome water? List water-borne diseases specifying the agent and vector, if applicable. Discuss in brief household methods of water purification suitable for rural communities. 2+3+5

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