

FINAL EXAM
JUNE 2012

NATIONAL BOARD OF EXAMINATIONS

FAMILY MEDICINE
PAPER-I

Time : 3 hours
Max. Marks : 100

FLM/J/12/08/I

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

1. Enumerate the differentiating features of bronchial asthma and cardiac asthma. Briefly describe the pathophysiology, diagnosis and treatment of cardiac asthma. 3+2+2+3
2. Enumerate briefly the causes of hemorrhagic fever. Describe the etiopathogenesis, diagnosis and treatment of dengue fever. 2+2+2+4
3. a) Write short note on balanced diet. 4+2+2+2
b) Describe briefly the clinical features, diagnosis and treatment of Vitamin D deficiency in an adult.
4. a) Write short note on Pulmonary Eosinophilia. 4+6
b) Discuss the differential diagnosis of multiple miliary shadows on chest X ray.
5. a) Write down the classifications of antihypertensive drugs. 3+2+2+3
b) Describe the clinical presentation, diagnosis and treatment of hypertensive encephalopathy.
6. a) Enumerate causes of generalized anasarca. 2+2+2+4
b) Describe the clinical presentation, diagnostic evaluation and management of an adult presenting with nephrotic syndrome.
7. What are the clinical presentation, diagnostic evaluation and treatment of Alcohol Withdrawal Syndrome? 3+3+4
8. Describe the etiopathogenesis, clinical features and management of acne vulgaris. 3+3+4
9. a) Enumerate complications of obesity. 4+6
b) Describe management of a patient with morbid obesity.
10. Discuss the steps of basic and advanced cardiac life support. 4+6

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FAMILY MEDICINE
PAPER- II

Time : 3 hours
Max. Marks : 100

FLM/J/12/08/II

Attempt all questions in order.
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Write short notes on:

1. A 60 year old female is admitted with history of malaena: 2+5+3
 - a) Enumerate possible causes of malaena at this age.
 - b) Discuss clinical approach to diagnosis.
 - c) Role of imaging in making diagnosis

2. A 7 year old child is admitted with 25% scalds on face, neck and chest. 10
How will you manage this case?

3. 3+3+4
 - a) Differential diagnosis of acutely swollen scrotum.
 - b) Appropriate investigations with possible findings of investigation.
 - c) Management approach of such cases.

4. 5+5
 - a) Non – union of fracture of humerus bone
 - b) Volkmann ischaemic contracture.

5. 3+4+3
 - a) Nasal polyps.
 - b) Management of impacted foreign body in ear canal of a 2 year old child.
 - c) Differential diagnosis of epistaxis.

6. 5+5
 - a) Muscle relaxants in anaesthesia.
 - b) Xylocaine toxicity.

7. 2+3+5
 - a) What are the various types of cataract?
 - b) How will you differentiate these cataracts?
 - c) What are the steps involved in mature cataract surgery?

P.T.O.



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8. a) Drug treatment of BEP (Benign Enlargement of Prostate). 5+5
b) Preoperative preparation of a diabetic patient (45 years male, type II) proposed for laparoscopic cholecystectomy.
9. a) Eye signs in Grave's disease 3+3+4
b) Proptosis of eye ball
c) Iridectomy.
10. a) Glasgow Coma Scale 3+2+2+3
b) Triage
c) Golden hour
d) Black eye

FAMILY MEDICINE
PAPER- III

Time : 3 hours
Max. Marks : 100

FLM/J/12/08/III

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

1. a) Enumerate common problems associated with breast feeding. 3+6+1
b) Write in brief the management of at least 3 such problems.
c) Define exclusive breast feeding.
2. a) What new changes have been incorporated in strategies under 2+6+2
Revised National TB Control Program (RNTCP)?
b) Write briefly on treatment guidelines for category II patient under
DOTS.
c) What is multi-drug resistance tuberculosis?
3. a) Enumerate common cancers in women. 2+6+2
b) Write in brief about the guidelines for conducting Pap smear
examination.
c) Classify cervical cancer.
4. a) Define dysfunctional uterine bleeding. 1+6+3
b) Write in brief clinical and laboratory examination needed to be done
for a case of dysfunction uterine bleeding (DUB).
c) What are its treatment modalities?
5. a) Define persistent diarrhea. 1+3+6
b) Enumerate the causes of persistent diarrhea.
c) How will you manage a 5 year old child with persistent diarrhea at
Community Health Centre?
6. a) Define abortion. 1+5+4
b) Briefly describe emergency contraception.
c) Discuss salient features of MTP Act.

P.T.O.

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7. a) Enumerate common worm infestations in children. 2+8
b) Formulate a plan to prevent and control worm infestation in school children.
8. a) Write vitamin A deficiency classification according to WHO. 3+2+5
b) How will you manage a case of Vitamin A deficiency at your clinic?
c) What will you do to prevent Vitamin A deficiency in you community?
9. a) Define Pregnancy Induced Hypertension (PIH). 1+8+1
b) Briefly describe the management of severe pre-eclampsia.
c) How will you prevent PIH?
10. a) Define Reproductive Tract Infections(RTIs). 1+9
b) Write in brief syndromic management of RTIs.

FAMILY MEDICINE
PAPER- IV

Time : 3 hours

Max. Marks : 100

FLM/J/12/08/IV

Attempt all questions in order.
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1. Define the following terms: 2+2+2+2+2
 - a) Reproductive Health
 - b) Public Health
 - c) Social Medicine
 - d) Human Ecology
 - e) Net Reproduction Rate

2.
 - a) Write components of National Rural Health Mission. 6+4
 - b) Enumerate the job responsibilities of Accredited Social Health Activist (ASHA).

3.
 - a) Epidemiological triad. 3+7
 - b) Briefly describe various levels of prevention with suitable examples.

4.
 - a) Describe the concept of iceberg phenomenon of disease. 2+3+5
 - b) What is the role of screening in prevention and control of disease?
 - c) Describe briefly about screening for breast cancer

5.
 - a) Define Mother Non-Governmental Organizations (NGO). 2+4+4
 - b) What are their roles in reproductive and Child Health Program?
 - c) Write briefly about Mamta Scheme.

6.
 - a) What is Behaviour Change Communication (BCC)? 2+8
 - b) Plan a BCC package for community to improve immunization coverage among under five children.

7.
 - a) What are the components of antenatal care? 2+4+4
 - b) Write in brief about First Referral Unit (FRU).
 - c) How will you manage transverse lie at FRU? P.T.O.
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8. Explain the role of the following in maternal and child health: 5+5
- a) Quality of care
 - b) Public private partnership
9. a) Enumerate the causes of maternal mortality. 3+4+3
- b) What strategies are adopted by the Government of India to decrease maternal mortality in India?
 - c) Critically comment on success or failure of these strategies.
10. a) Biomedical Waste (Management and Handling) Rules. 5+5
- b) Pre-conception and pre-natal diagnostic tests (PNDT) Act.
