

**PG Degree Regular/Supplementary Examinations in Family Medicine  
(MD) January 2025**

**Paper III – General Surgery, Orthopaedics, Ophthalmology, ENT, Anaesthesia**

**Time: 3 hrs**

**Max marks:100**

- **Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space**
- **Answer all parts of a single question together • Leave sufficient space between answers**
- **Draw table/diagrams/flow charts wherever necessary**

**Essay:**

**(20)**

1. A 41-year-old female presents with generalised abdominal pain for 6 hours associated with vomiting and light-headedness. She does not report of dysuria or fever. On examination her pulse rate is 110/min, blood pressure of 94/60 mm Hg and diffuse abdominal tenderness on palpation with guarding. Rest of her physical examination is unremarkable.
  - a) Enumerate the differential diagnosis of acute abdominal pain.
  - b) What investigations will help in management of acute abdominal pain.
  - c) Draw an algorithm for management of acute abdominal pain in Family practice set up.
  - d) Enumerate immediate and late complications of acute abdominal pain.

**(5+5+5+5)**

**Short Essays:**

**(8x10=80)**

2. Mr. Y 42-year-old electrician presents with low back pain since he returned from work last night. He reports he was not able to get up from bed and all movements cause pain especially when changing positions.
  - a) Write about physical examination to be performed for the above patient.
  - b) What are the REDFLAGS for back pain.
  - c) Write the indications for imaging in acute back pain.
  - d) Explain about non-therapeutic and therapeutic management of acute low back pain.
3. Write in detail about risk factors, mechanism of injury, clinical features, and management of Colles fracture

**(4+2+2+2)**

**(2+2+2+4)**

**(PTO)**

4. Mr M, 50 years presents with redness and watering of both eyes for the past 24 hours.

- What are common etiological causes for acute red eye
- What are the red flags features in a red eye
- What ophthalmic examination will you perform in the above patient
- Explain about management of acute viral conjunctivitis. (3+3+2+2)

5. Mrs. K 33 year old schoolteacher complains of spinning sensation of her room whenever she turns to the right-side for 2 days.

- What further history and examination will you perform on this patient
- What are the clinical features of acute posterior circulation stroke
- Explain management of acute vertigo in family practice (4+2+4)

6. Explain about indications, contraindications, landmarks, technique, and complications of Ankle Block. (2+2+2+2+2)

7. Mr J 38-year-old presents with scrotal swelling for many months. He does not have fever or dysuria.

- Enumerate the differential diagnosis for Scrotal swelling.
- Explain the clinical features and management of torsion testis and acute epididymo-orchitis (4+6)

8. Mrs. R 38 years old complains of swelling with pain in her left breast for past 3 months. She also reports of watery discharge from her left nipple for the past 2 weeks.

- What are common causes for breast lumps and nipple discharge in premenopausal women
- What are the features of carcinoma breast in history and examination
- What are the imaging modalities for breast lumps and their indications (3+4+4)

9. Mr N 72-year-old diabetic patient presents with history of swelling of his right leg after an abrasion and progressively worsening with pain and redness.

- Enumerate the differential diagnoses of acute unilateral limb swelling.
- What are the clinical features of Necrotising Soft Tissue Infection(NSTI)
- Explain about management of NSTI (2+4+4)

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