

POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

MD (ORTHOPAEDIC SURGERY) EXAMINATION
FEBRUARY / MARCH 2013

Date :- 26th February 2013

Time : 2.00 p.m. – 4.00 p.m.

PAPER 1

Answer **all four** questions.

Answer each question in a separate book.

1. Discuss The management of diabetes mellitus in a surgical patient.

2. Discuss how you will reduce bleeding in elective orthopaedic practice.

3. Discuss the use of bisphosphanates in orthopaedic practice.

4. A 40 year old patient is admitted to Emergency Department following a road traffic accident with an obvious finding of an open fracture of the right tibia.
 - 4.1. Describe how would you manage this patient within the first one hour.
 - 4.2. Describe the Gustillo Anderson classification of open fracture.

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MD (ORTHOPAEDIC SURGERY) EXAMINATION
FEBRUARY / MARCH 2013

Date :- 27th February 2013

Time : 9.00 a.m. – 11.00 a.m.

PAPER 1I

Answer all four questions.

Answer each question in a separate book.

1. A 30 year old male is brought to the emergency department four hours following a road traffic accident with a closed right tibial pilon fracture.
 - 1.1. Outline the features in plain X-ray that would help in the classification and influence definitive management.
 - 1.2. Discuss the acute management of this fracture and steps to avoid complications.
 - 1.3. Discuss the options available for definitive surgical management.

2. A diagnosis of Slipped Upper Femoral Epiphysis was made in a 12 year old boy.
 - 2.1. What clinical and radiological features that would have led to this diagnosis ?
 - 2.2. Discuss the surgical management of this patient.
 - 2.3. List the possible complications of this condition and describe how you would avoid them.

3. A 75 year old lady experienced a sudden severe pain in her right mid-arm while trying to get up from her bed and found that the arm was deformed and extremely painful to movement. She gave a history of pain in the same region during the last one month.
 - 3.1. What is the clinical diagnosis ? List the different causes.
 - 3.2. Discuss how you would evaluate this patient to arrive at a diagnosis.
 - 3.3. Outline the management of this patient.

4. A 30 year old previously healthy farmer sustained a severe crush injury to his right hand and wrist from a paddy harvesting machine. He has no other injuries in his body. Discuss the principles of management.