

POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

MD (ORTHOPAEDIC SURGERY) EXAMINATION – JULY 2014

Date :- 28th July 2014

Time :- 2.00 p.m. – 4.00 p.m.

PAPER I

Answer **all four (04)** questions.
Answer each question in a separate book.

1.

- 1.1. List the features of an ideal surgical dressing.
- 1.2. Discuss and compare the types of dressings that are used to treat different types of wound.

2.

- 2.1. Briefly describe the blood supply of a long bone.
- 2.2. Discuss the effects of various modalities of fixation devices and operative techniques on the blood supply and fracture healing.

3. Compare and contrast the benefits and disadvantages of Damage Control Orthopaedics with traditional approaches to polytrauma management.

4. An adult patient has sustained a displaced intracapsular fracture of the hip in a fall.

- 4.1. Write short notes on how this fracture might be treated in younger and older adults.
- 4.2. Discuss the complications of this fracture and how they might be treated.

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Date :- 29th July 2014

Time :- 9.00 a.m. – 11.00 a.m.

PAPER II

Answer **all four (04)** questions.

Answer each question in a separate book.

1. A 40 year old woman sustained a closed fracture of mid shaft of right humerus. Additionally she had a radial nerve palsy. The fracture was treated with a hanging cast for 6 weeks and subsequently with a sling.

She now presents after 3 months of injury. The fracture is mobile and the radial nerve palsy remains.

Discuss further assessment and management of this patient.

2. A 25 year old man was assaulted with a sword. He sustained severe cut injuries to his dominant hand with near total amputation of fingers. He has no other injuries.

Discuss the assessment and management of this patient including principles of replantation.

3. A 60 year old woman who underwent mastectomy for carcinoma of the breast 5 years ago presented with sudden onset of severe pain in her left upper thigh while she was moving out of bed. X ray shows a lytic lesion in the proximal femur suggestive of a skeletal metastasis.

Discuss the management of this patient.

4. Write notes on :

- 4.1. Osteocondritis dessicans

- 4.2. Osteoclastoma (Giant cell tumour of bone)