

**POSTGRADUATE INSTITUTE OF MEDICINE**  
**UNIVERSITY OF COLOMBO**

**MD (ORTHOPAEDIC SURGERY) EXAMINATION – FEBRUARY 2016**

Date: - 22<sup>nd</sup> February 2016

Time: - 2.00 p.m – 4.00 p.m

**PAPER I**

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

Answer each question in a separate book.

1. Discuss “the enhanced recovery program” in surgical practice.
  
2. A newborn baby was noted to be not using her left upper limb since birth who was delivered by a difficult vaginal delivery. How would you manage this child especially with reference to the differential diagnosis?
  
3.
  - 3.1 Describe the blood supply of the femoral head and its peculiarities.
  - 3.2 What are the implications of compromise in blood supply in children and adults?
  
4. Write notes on
  - 4.1. “Platelet Rich Plasma” in orthopaedic practice
  - 4.2. Metal on metal arthroplasty

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Date: - 23<sup>rd</sup> February 2016

Time :- 9.30 a.m – 11.30 a.m

**PAPER II**

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

Answer each question in a separate book.

1. 24 year old professional rugby player is brought to the casualty with acute right knee dislocation.

Discuss the early management of this patient.

2. 56 year old diabetic obese lady experienced sudden pain in the back of the left calf while getting down the bus 2 days ago and is suspected to have tendo-achilles rupture.

2.1. How do you confirm your diagnosis and exclude other diagnoses?

2.2. What is your treatment of choice and how would you manage?

3.

3.1. What is “distraction osteogenesis”? Write on the evolution and techniques of limb lengthening.

3.2. A 30 year old gentleman with a hypertrophic non-union of tibia presents in your clinic. What are your options of treatment and discuss advantages and disadvantages with each method? What is your personal choice of treatment?

4.

4.1. A 6 year old child has been limping for one week. He is otherwise in reasonable health. What is your differential diagnosis?

4.2. How you would stage and grade Perthes' disease? How would you treat a 7 year old child in stage II & Herring group B?