**ORTHOPAEDICS ESSAY QUESTION**

**PAPER ONE**

**SHORT ANSWER QUESTIONS (answer all questions in this section)**

1. List three ways (modes) in which septic arthritis can occur 6mks
2. Name 5 causes at the hip that can make a child to limp 5mks
3. Name any 3 benign and 2 common malignant bone tumours in our set up 5mks
4. Identify any 5 features of rickets 10mks
5. Name any 4 features of a club foot 4mks

**LONG ANSWER QUESTIONS (choose one question in this section)**

1. Discuss the signs and symptoms of rheumatoid arthritis that may manifest in the forearm 20mks
2. Describe the non-operative management of septic arthritis 20mks

**PAPER TWO**

**SHORT ANSWER QUESTIONS (answer all questions in this section)**

1. List the signs and symptoms of rheumatoid arthritis 10mks
2. Name atleast 5 complications of acute osteomyelitis 5mks
3. List at least 3 causes of genu valgus (knock kness) 6mks
4. Name 5 types of scoliosis 5mks
5. Identify any 3 common causes of paraplegia 6mks

**LONG ANSWER QUESTIONS (choose one question in this section)**

1. Outline the causes and predisposing factors to osteoarthritis 20mks
2. Discuss gouty arthritis under the following subheading. 20mks
   1. Definition
   2. Clinical features
   3. Causes
   4. Investigations
   5. treatment

**PAPER THREE**

**SHORT ANSWER QUESTIONS (answer all questions in this section)**

1. Outline the non operative management of osteoarthritis 10mks
2. Mention five features of chronic osteomyelitis 5mks
3. Name any five congenital deformities of the foot 5mks
4. List any five complications of rheumatoid arthritis 10mks

**LONG ANSWER QUESTIONS (choose one question in this section)**

1. Discuss the three principles important in managing early osteoarthritis 20mks
2. Discuss the clinical presentation and management of acute osteomyelitis 20mks

**CASTING QUESTIONS**

**PAPER ONE**

**SHORT ANSWER QUESTIONS (Answer all question in this section)**

1. Name five early complications of plaster of Paris application 10mks
2. Outline five methods of fracture immobilization 10mks
3. List any four reasons that will necessitate removal of a cast before fracture union 8mks
4. Define a slab 2mks

**LONG ANSWER QUESTIONS**

1. Discuss splints under the following
   1. Conventional splints (with at least 3 examples) 6MKS
   2. Improvised local splints (with at least 7 examples) 14MKS

**PAPER TWO**

**SHORT ANSWER QUESTIONS (Answer all question in this section)**

1. Name at least five padding materials that can be applied before casting 10mks
2. Give at least four reasons as to why it is important to splint a fractured limb. 8mks
3. List six indications for applying POP. 12mks

**LONG ANSWER QUESTIONS**

1. Discuss the early and late complications of POP application 20mks

**PAPER THREE**

**SHORT ANSWER QUESTIONS**

1. Identify two roles /functions of a window in a cast 4mks
2. List indications of a cervical collar 4mks
3. Name any three indications of a slab 6mks
4. Name any five improvised / local splint that can be useful in splinting fractures 10mks
5. List any five complications of POP 10mks

**LONG ANSWER QUESTIONS**

* 1. Outline five methods of fracture immobilization 12mks
  2. Describe the indications for removal of a cast before fracture union has occurred 8mks

ORTHOPAEDICS RANKING

1. Rank the following stages of pathological changes in osteomyelitis in the most appropriate way they occur

1. Sequestrum
2. Septic thrombosis of vessels
3. Pus is formed
4. Induce an acute inflammatory reaction
5. Involucrum
6. Infection begins at the metaphyseal region of long bones
7. Infection reaches the bone through blood stream
8. Formation of sinus
9. Screlotic reaction of periosteum
10. Pathological fracture

**TRACTION ESSAY**

PAPER ONE

SHORT ANSWER

1. Name 5 areas where skeletal traction pin (staeinmann’s pin) may be applied. 10mks
2. Outline at least 8 indications of skin traction 8mks
3. Identify two major types of tractions 4mks
4. Identify four main components of an orthopaedic bed 8mks

Long essay

1. Describe the stages of application of a steinmann’s pin 20mks

PAPER TWO

SHORT ANSWER

* 1. Name two types of pins that can be used in application of skeletal traction 4mks
  2. Name one indication of using Dunlop traction 2mks

1. List 5 possible complications of skeletal traction 10mks
2. Identify any 5 disadvantages of using continuous skeletal traction. 10mks.

LONG ESSAY

* 1. Discuss the 4 principles of continuous traction. 8mks
  2. Outline 6 components of a continuous skin traction 12mks

PAPER THREE

SHORT ANSWER

1. Name any two indications of using skull calipers 4mks
2. Identify four areas in the lower limb where skeletal traction pin can be applied 8mks
3. list three roles of traction 6mks
   1. Name four contra-indication of skeletal traction 8mks
   2. List two roles of monkey chain /pull. 4mks

LONG ESSAY

Discus continuous traction under the following sub headings

1. Indications of skin traction. 10mks
2. Complications of skeletal traction. 10mks