

**BACHELOR OF PHYSIOTHERAPY DEGREE EXAMINATION
Fourth Year**

**Non-Semester Regulations and Seventh Semester
(Modified / New Modified Regulations)**

**ORTHOPAEDICS FOR PHYSIOTHERAPISTS
(CLINICAL ORTHOPAEDICS)**

Q.P. Code : 745181

Time : Three hours

Maximum : 100 marks

Answer All questions.

I. Essays :

(2 x 15 = 30)

1. Write briefly about anterior shoulder dislocation, its clinical manifestations, management and complications.
2. Write an essay on radial nerve injury at the spiral groove of humerus, its clinical manifestations and management

II. Short Notes on :

(10 x 5 = 50)

1. Volkman's ischemic contracture.
2. Non Union of fractures.
3. Fracture Patella.
4. Galeazzi fracture dislocation.
5. Autonomous bladder.
6. Foot Drop.
7. Plantar Fascitis.
8. Avulsion fractures.
9. Claw hand.
10. Middle arc syndrome.

III. Short Answer:

(10 x 2 = 20)

1. How will you immobilize fingers?
2. After what age radial Head can be excised?
3. If cross union occurs in fracture both bones fore arm. What will be the disability.
4. What fracture and what dislocation occur in Monteggia fracture dislocation?
5. At the time of dash board injury, what position the limb should be, to produce posterior dislocation.
6. Why intra capsular fracture neck of femur does not UNITE?
7. Cord trans section at L(1) level will produce what type of Bladder?
8. What deficiency produces rickets?
9. Sun ray appearance in X-Ray appears in which tumor.
10. How much power the muscle should at least have to be transferred and rerouted.

August 2009

[KV 986]

Sub. Code: 5181

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Answer All questions.

I. Essays :

(2 x 15 = 30)

1. Discuss in detail the probable causes, clinical features and treatment of low back pain in a 48 yr. old lady.
2. Classify scoliosis. Describe idiopathic scoliosis in detail.

II. Short Notes on :

(10 x 5 = 50)

1. Mallet finger.
2. Ewings sarcoma.
3. Painful arch syndrome.
4. Congenital dislocation of hip.
5. Automatic bladder.
6. Swan neck deformity.
7. Stress fracture.
8. Costochondritis.
9. Trophic ulcer.
10. Adhesive capsulitis.

III. Short Answer:

(10 x 2 = 20)

1. Define fracture.
2. What is bone graft?
3. Types of fractures.
4. Ankle sprain.
5. Difference between dislocation and subluxation.
6. Malunion.
7. Septic arthritis.
8. Name four malignant bone tumours.
9. Define flat foot.
10. Rheumatoid arthritis – clinical features.

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Answer All questions.

I. Essays :

(2 x 15 = 30)

1. Discuss in detail the levels of amputation and its causes. Give a brief outline on the pre-op, post- op and prosthetic management.
2. Enumerate the causes, clinical features and principles of treatment for fracture neck of femur in an elderly man.

II. Short Notes on :

(10 x 5 = 50)

1. Erb's palsy.
2. Post polio residual paralysis.
3. Rheumatoid hand.
4. Volkman's ischemic contracture.
5. Cauda equina syndrome.
6. Foot drop.
7. Idiopathic scoliosis.
8. Osteo sarcoma.
9. Pott's spine.
10. Green stick fracture.

III. Short Answer:

(10 x 2 = 20)

1. Radial nerve injury will lead to what defect.
2. Ulnar nerve injury will lead to what defect.
3. Define osteomyelitis.
4. Define osteoporosis.
5. Define a splint.
6. Write the contents of plaster of paris.
7. Define wax therapy.
8. Define shortwave diathermy.
9. What is sequestrum?
10. Define kyphoscoliosis.

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ANSWER ALL QUESTIONS

Draw suitable diagrams wherever necessary

I. Essays:

(2X15=30)

1. Describe briefly the etiology, clinical features, management and complications of Supracondylar fracture of the Humerus.
2. Classify Bone Tumours. Describe Osteogenic Sarcoma in detail.

II. Short Notes :

(10X5=50)

1. Non – Union.
2. Tennis Elbow.
3. Fracture Healing.
4. Siatica.
5. Rotator Cuff Tear.
6. Rupture of Achelles tendon.
7. Clavicle Fracture.
8. Flat foot.
9. Claw Hand.
10. Below Knee Amputation.

III. Short Answers:

(10X2=20)

1. Mallet Finger.
2. Define Sprain and Strain.
3. Difference between Static and Dynamic splint.
4. Tens.
5. Strapping.
6. Define Orthosis.
7. Define Prosthesis.
8. Lateral popliteal nerve injury will lead to what defect.
9. Types of Sequestrum.
10. Bumper Fracture.
