

**KMCT COLLEGE OF ALLIED HEALTH SCIENCES**  
**MUKKOM, KOZHIKODE, KERALA.**  
**DEPARTMENT OF PHYSIOTHERAPY.**  
**FOURTH YEAR BPT**

**ORTHOPEDICS & SPORTS MEDICINE-QUESTION BANK**

**ESSAYS [15 MARKS]**

1. Describe the mechanism of injury, complications and management of supracondylar fracture of humerus.
2. Outline the etiopathology of Rheumatoid arthritis. Describe the deformities that occur in a rheumatoid hand and its management.
3. Describe the causes, clinical features and management of recurrent dislocation of the shoulder.
4. Describe the clinical features, complications and management of a patient with fracture of D8 vertebra with paraplegia.
5. Outline the etiopathology types, clinical features and management of congenital talipes equinovarus.
6. Classify amputations. Briefly describe the indications for amputations. How do you manage a transtibial amputee?
7. Discuss in detail about Osteomyelitis – Definition, clinical features, types, causes, Management and complications.
8. Outline the etiopathology, types, clinical features and management of Brachial plexus injury.
9. Define, Aetiology, pathology, Stages, clinical features and management for the Periarthritis of shoulder joint.
10. Discuss briefly the aetiology, grades, clinical features, management and complications of ankle joint fracture.
11. Describe the aetiology, pathology, clinical features and management of Ankylosing Spondylosis.

12. Describe briefly the aetiology, clinical features, management and complications of Colle's fracture. (3)
13. Discuss in detail about Osteoarthritis of Knee – Definition, clinical features, types, causes, Management and complications.
14. Outline the causes, types, clinical features, complications and management for Scoliosis
15. Explain in detail about the Total Hip replacement. List the indications and Complications. (2) pre and post-operative management for Total Hip Replacement. (2)
16. Define Amputation. Discuss the levels of Amputation upper (4) and lower extremities (3), Causes, Types, Complications and management.(2)
17. Write in detail about the causes, clinical features, investigations and management for Anterior Cruciate Ligament repair.
18. Write in detail about the causes, clinical features, complications and management for spine fracture at the level of C6-C7.
19. Classify Bone tumours. Write in detail about the clinical features, complications and management of Osteosarcoma.
20. Explain in detail about congenital dislocation of Hip, its clinical features, complications and management.
21. Write in detail about Supracondylar fracture of Humerus in a 6 year old child. Briefly write about the complications and management of this fracture.
22. Classify Fractures around Neck of Femur. Describe briefly about clinical features management and complications of fracture Neck of Femur.
23. Write about common skeletal manifestation of skeletal Tuberculosis. Mention pathogenesis, clinical features, investigation and management of Potts Spine
24. Describe the aetiology, pathology, clinical features and management in Leprosy.
25. Describe briefly the aetiology, clinical features, management and complications in low back ach
26. Write in detail about the causes, clinical features, investigations and management for rotator cuff tear.

27. Write in detail about the indications, techniques, principles, pre and post-operative management in total knee replacement.
28. Development dysplasia of Hip - Explain in detail.
29. Spondylolisthesis – Explain in detail.
30. Discuss the mechanism, clinical features, radiological features, and management of anterior dislocation of Shoulder Joint. (3)
31. Discuss the clinical features, investigations and management of fracture of Tibial Condyles.
32. What are the causes, clinical features, investigations, management and complications of fracture neck of Femur?
33. Discuss the etiology of brachial plexus injury. Discuss the complications and management of a 3 months old baby who is diagnosed to have Erb's palsy.
34. Write in detail about the causes, clinical features, investigations, complications and management of Rheumatoid Arthritis.
35. Define dislocation. Write in detail about shoulder joint dislocation, its types, clinical features, investigations and management.
36. Write an essay on subtrochanteric fracture of femur, its clinical features, complications and surgical management.

### **SHORT ESSAY (10 marks)**

1. Periarthritis shoulder clinical features.
2. Scaphoid fracture, complications, clinical features & management.
3. Cobb's angle.
4. Torticollis.
5. Spondylolisthesis.
6. Fracture Patella.
7. March fracture.

8. Ulnar claw hand
9. Fracture disease.
10. Potts fracture.
11. Shoulder hand syndrome
12. Radial club hand.
13. Fracture clavicle
14. Ewings sarcoma.
15. Explain about arthroplasty, its indication and types.
16. Piriformis syndrome assessment and management.
17. Deformities of poliomyelitis and its management
18. Dupuytren's contracture causes and its management
19. Vertebro basilar syndrome clinical features and special test
20. Anterior cruciate ligament injury special test and surgical management
21. Osteochondritis dissecans.
22. Principles of tendon transfer.
23. Fracture around the ankle joint.
24. Osteotomy.
25. Plantar Fascitis
26. RA Hand deformities
27. What is metatarsalgia? Write about its management.
28. Special test and management of Dequervain's Tenosynovitis
29. Perthes disease management
30. Klumpke's Palsy.
31. Phantom Limb Pain.
32. Bone Grafting
33. Sudeck's Osteo dystrophy

34. Adhesive capsulitis of shoulder.
35. Causes for low back pain.
36. Multiple myeloma.
37. Monteggia fracture dislocation.
38. Deformities in Poliomyelitis.
39. ACR criteria for Rheumatoid arthritis.
40. Osteosarcoma.
41. TB spine.
42. Septic arthritis.
43. Causes for shoulder pain.
44. Dislocation of patella.
45. Rolando fracture.
46. Sprengel's deformity.
47. Injury to coccyx.
48. Definition and X-ray findings of Osteoblastoma.
49. Definition, causes and management of Symes amputation.
50. Definition and clinical features of Fragilitas ossium.
51. Rheumatoid foot.
52. Clinical features and management of Sub acromial bursitis.
53. Fracture Clavicle
54. Pre patellar bursitis
55. Flat foot.
56. Golfer's elbow
57. Osteoma
58. Septic Arthritis
59. Ideal Stump.

60. Fracture scaphoid.
61. Bicipital tendinitis
62. Club foot
63. Reflex Sympathic dystrophy
64. Retro Calcaneal bursitis
65. Recurrent Dislocation of the Shoulder
66. Definitions and causes of Myositis Ossificans.
67. Complications of Lower Limb Fracture
68. Mechanism and management of Patellar Tendonitis
69. Causes and complication of Below Elbow Amputation
70. Classifications of Bone Tumor
71. Tarsal Tunnel Syndrome
72. Definitions, causes and management of Torticollis
73. Indications and types of Arthrodesis.
74. Causes and management of Rotator Cuff Tear.
75. Management, surgical methods. ,types (2) of Congenital Talipes Equinovarus.
76. Swan Neck Deformity.
77. Avascular Necrosis.
78. Erbs Palsy.
79. Mechanism and management of rupture of Achelles Tendon.
80. Types and management of Spondylolisthesis.
81. Congenital dislocation of hip.
82. Causes and management of Carpal Tunnel Syndrome.
83. Fracture Shaft of Humerus.
84. Causes and management of Stump Neuroma.
85. Partial claw hand.

86. Neglected CTEV
87. Posterior dislocation of hip
88. Rickets
89. Types of pathological gait
90. Anterior cruciate ligament injury
91. Radial nerve palsy.
92. Injury to coccyx.
93. Automatic Neurogenic bladder.
94. Ankylosing spondylitis
95. Definitions and X-ray findings of Osteoblastoma.
96. Types of sequestrum.
97. Pescavus.
98. Monteggia fracture dislocation
99. Legg Calve Perthes Disease
100. Spondylosis.
101. Prepatellar tendinitis.
102. Cubitus valgus deformity.
103. Thumb and finger drop.
104. Common peroneal nerve injury.
105. Radial club hand.
106. Reflex Sympathic dystrophy.
107. Retro Calcaneal bursitis.
108. Psudek's osteo dystrophy.
109. Causes and management of Pott's spine.
110. Total claw hand.
111. Management of Phantom limb

112. Mechanism and management of Quadriceps rupture
113. Cubital tunnel syndrome
114. Wrist drop
115. Definition and causes of Atonic bladder.
116. Chondromalacia patella
117. Mechanism and types of Medial menisci injury
118. Structures compressed and management of Cervical rib.

### **SHORT ANSWERS (3 marks)**

1. Green stick fracture.
2. Hallux Valgus.
3. Subluxation.
4. Carpal bones.
5. Delayed union.
6. Volkman's sign.
7. Mc. Murrays test.
8. Scapulo-humeral rhythm.
9. Antalgic gait.
10. Hypothenar muscles of hand.
11. Z-Thumb deformity.
12. Guillotine amputation.
13. Mallet finger.
14. Elys test
15. Attachments and nerve supply of hamstring muscle.
16. List the complications of Supracondylar fracture of humerus.
17. Clarke's test.



18. Q –angle
19. Valgus and varus test
20. Name out the surgical treatment for Avascular Necrosis of femur
21. What is Amelia and Phocomelia
22. Special test for carpal tunnel syndrome
23. Clinical features of SLE
24. Clinical features of Thoracic outlet syndrome
25. Repetitive stress injury.
26. Boxer's fracture.
27. Mallet thumb.
28. Green stick fracture.
29. Bankart's repair.
30. Tinel's sign.
31. Prone knee bend test.
32. Bursitis.
33. Golfer's elbow.
34. Osteochondritis
35. Ganslens test.
36. Rissers sign.
37. Pawlik harness.
38. Bone graft.
39. Tardy ulnar nerve palsy.
40. Round back.
41. Jersey finger.
42. Fracture-classification.
43. Volkman's Ischaemic contracture

44. Rotator cuff muscle injury-special test
45. Management of fracture neck of femur.
46. Erbs point.
47. Involucrum.
48. Osteotomy.
49. Hugh Owen Thomas.
50. Cold abscess.
51. Genu valgum.
52. Barton's fracture.
53. Triple dislocation
54. Types of fracture.
55. Pen Test.
56. Neuropraxia.
57. Genu recurvatum
58. Straight Leg Raising (SLR) Test.
59. List the splints used for Upper extremity Peripheral nerve injuries.
60. Difference between dislocation and subluxation.
61. List the causes for shoulder impingement syndrome.
62. Difference between Tided and Untided injuries of hand.
63. List the types of Leprosy.
64. Pott's fracture.
65. Fracture-disease.
66. CTEV Boot.
67. Bamboo spine.
68. Axonotemesis.
69. Compound fracture.

70. Painful arc syndrome.
71. Osteomalacia.
72. Wry neck
73. Mal union.
74. Kernicks Sign
75. Genu Varus
76. Stages of bone healing.
77. Metatarsalgia.
78. Excisional arthroplasty.
79. Bennett's fracture.
80. Osteomyelitis.
81. Chest wall deformities.
82. Define Foot Drop. List the clinical feature.
83. List the complications of Patellectomy.
84. List the levels of Upper limb Amputation.
85. Define Dislocation and Subluxation.
86. List the causes for Shoulder Hand Syndrome.
87. List the types of Fractures.
88. Define Prepatellar Bursitis and list the causes
89. Extensor Zones of Hand.
90. Define Deltoid Fibrosis and list the causes.
91. Define Kyphosis and list the complications.
92. Difference between Coxavara and Coxavalga.
93. Define Burns and list the degrees of Burns.
94. List the complications of fracture.
95. Define Plantar Fasciitis and list the clinical features.

96. Central Dislocation of Hip
97. Carpal Tunnel Syndrome.
98. List the clinical features seen in TB Spine.
99. Tenosynovitis
100. Reflex grading
101. Cozen's test
102. Thomas test
103. Non union
104. Apprehension sign
105. Ober's test
106. Taylors brace
107. Bankart lesion.
108. Gunstoke deformity
109. Pseudo gout
110. Cold abscess
111. Dupuytren's contracture
112. Tennis elbow.
113. Few complications of Colle's fracture.
114. Compound fracture.
115. Trigger finger.
116. Entrapment neuropathy.
117. Types of scoliosis.
118. Smith's fracture.
119. Hangmans fracture.
120. Trendelenberg gait.
121. Madelung's deformity.

- 122. Bone graft.
- 123. Sprengel's shoulder.
- 124. Scapular winging.
- 125. Nursemaid elbow.
- 126. Boutonniere Deformity
- 127. Prosthesis.
- 128. Pelvic tilt
- 129. Slump test.
- 130. Medical management–RA.
- 131. Paget disease.
- 132. Ape thumb deformity.
- 133. Phalen's test.
- 134. Avulsion fracture.
- 135. Tendinitis.

*Prepared by:*

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