

1. Prosthesis can be of :
 - (A) Exoskeletal type
 - (B) Endoskeletal type
 - (C) Both
 - (D) None
2. Madras Foot is a modified form of :
 - (A) Jaipur foot
 - (B) SACH foot
 - (C) Both
 - (D) None of the above
3. SACH foot is used :
 - (A) With shoe
 - (B) Without shoe
 - (C) Both
 - (D) None
4. Skeleton of SACH foot is :
 - (A) MCR cushion heel
 - (B) Keel
 - (C) Both
 - (D) None
5. 'Shore' of MCR refers to :
 - (A) Durability
 - (B) Extensibility
 - (C) Compressibility
 - (D) Fragility
6. The socket of Above Knee Prosthesis is commonly fabricated as :
 - (A) Cylindrical
 - (B) Cubical
 - (C) Quadrilateral
 - (D) None
7. Suspension used in Above Knee prosthesis is :
 - (A) Hip joint with pelvic band
 - (B) Silesian band
 - (C) Both of the above
 - (D) None of the above
8. Stubbies is indicated for :
 - (A) Bilateral Below Knee amputee
 - (B) Bilateral Above Knee amputee
 - (C) Unilateral Below Knee
 - (D) Unilateral Above Knee

9. Prosthetic foot used by Indian population is :
- (A) SACH foot (B) Seattle foot
(C) Jaipur foot (D) STEN foot
10. Gleno humeral joint is a :
- (A) Ball and socket joint (B) Hinge joint
(C) Pivot joint (D) Saddle joint
11. Claw hand deformity occurs in lesions of :
- (A) Median Nerve (B) Radial Nerve
(C) Ulnar Nerve (D) Tibial Nerve
12. Blood pressure is measured by :
- (A) Pulseoximeter (B) goniometer
(C) Sphygmomanometer (D) Manometer
13. Toe drag or steppage gait is due to weakness of :
- (A) Intrinsic foot (B) Quadriceps
(C) Plantar flexors (D) Dorsiflexors
14. Motor nerve to muscles of facial expression is :
- (A) Facial (B) Trigeminal
(C) Oculomotor (D) Abducent
15. In gait cycle stance phase constitutes :
- (A) 30% (B) 40%
(C) 50% (D) 60%
16. Milwaukee Brace refers to a :
- (A) CO (B) CTO
(C) CTLSO (D) LSO
17. The foot commonly used in Syme's amputation is :
- (A) Jaipur (B) SACH
(C) Modified SACH (D) None of the above

18. Thermosetting plastics :
- (A) Softens on reheating (B) Hardens on heating
(C) Does not soften on cooling (D) Does not harden on heating
19. Muenster prosthesis is indicated in :
- (A) Above elbow amputee (B) Below elbow amputee
(C) Above knee amputee (D) Below knee amputee
20. Subtalar joint refers to :
- (A) Talocalcaneal (B) Talocuboid
(C) Talocuneiform (D) Talonavicular
21. The following are parts of a Transtibial prosthesis except :
- (A) Socket (B) Shank
(C) Supracondylar suspension (D) Knee joint
22. Below Knee prosthesis with thigh corset is indicated in :
- (A) Ultra short BK (B) Unhealthy stump
(C) All of the above (D) None of the above
23. During gait cycle initial floor contact is by the :
- (A) Toes (B) Heel
(C) Mid foot (D) Fore foot
24. Supracondylar cuff suspension is used in :
- (A) Above knee prosthesis (B) Below knee prosthesis
(C) Above elbow prosthesis (D) Below elbow prosthesis
25. The increase in muscle tone in upper motor neuron lesions is referred to as :
- (A) Flaccidity (B) Rigidity
(C) Spasticity (D) None of the above
26. Least mobile portion of the spinal column is :
- (A) Cervical (B) Lumbar
(C) Thoracic (D) Sacral

27. Medial winging of scapula is produced by paralysis of :
- (A) Trapezius (B) Rhomboids
(C) Latissimus dorsi (D) Serratus anterior
28. Intervertebral disc consists of all of the following except :
- (A) Nucleus pulposus (B) Semilunar cartilage
(C) Annulus fibrosus (D) End plate
29. Floor reaction orthosis :
- (A) Used in quadriceps insufficiency (B) Is made in equinus
(C) Gait starts with fore foot strike (D) All of the above
30. Motion at the ankle is :
- (A) Inversion and eversion (B) Dorsiflexion and plantar flexion
(C) Abduction and adduction (D) All of these
31. Metatarsal break refers to :
- (A) Axis overlying four MTP joints (B) Break in the metatarsal bone
(C) Base of phalanges (D) Base of Meta Tarsal bones
32. Brachialis is a primary _____ of elbow joint.
- (A) Abductor (B) Adductor
(C) Flexor (D) Extensor
33. Intrinsic muscles have :
- (A) Origin and insertion in hand (B) Have intrinsic nerve supply
(C) Have same insertion (D) Have same nerve supply
34. Movements occurring at subtalar joint is :
- (A) Dorsiflexion and Plantar Flexion (B) Inversion and eversion
(C) Abduction and Adduction (D) Rotations

35. Functional disabilities of amputees is described by :
- (A) F classification (B) K classification
(C) D classification (D) A classification
36. Gait cycle consists of activity from :
- (A) Heel strike of one foot to heel strike of the same foot
(B) Heel strike of one foot to heel strike of the other foot
(C) Heel strike of one foot to toe off of same foot
(D) Heel strike of one foot to toe off of other foot
37. Voluntary muscle activity is brought by :
- (A) Skeletal muscles (B) Smooth muscles
(C) All of the above (D) None of the above
38. The nerve in close association with head of fibula is :
- (A) Tibial (B) Sciatic
(C) Common peroneal (D) Ulnar
39. There are ——— spinal nerves.
- (A) 30 (B) 31
(C) 32 (D) 33
40. Rickets is due to deficiency of :
- (A) Vitamin A (B) Vitamin B
(C) Vitamin C (D) Vitamin D
41. Humans have ——— gait.
- (A) Bipedal (B) Quadriped
(C) Tripod (D) None of these
42. Hip disarticulation prosthesis is indicated in :
- (A) True hip disarticulation (B) Knee disarticulation
(C) Above knee amputation (D) Forequarter amputation

43. Cadence refers to :
- (A) Terminal swing (B) Width of base of support
(C) Degree of toe out (D) No. of steps per minute
44. Dennis Browne splint is used in :
- (A) CDH (B) Pes planus
(C) CTEV (D) Congenital limb deficiency
45. Fixed Ankle Joint is indicated in :
- (A) Weight relieving orthosis (B) In mobile ankle
(C) Conventional orthosis (D) Flail lower limb
46. The no. of tarsal bones in human foot is :
- (A) 5 (B) 6
(C) 7 (D) 8
47. Reverse Thomas Heel is indicated in :
- (A) Pes planus (B) CTEV
(C) Equinovarus (D) Valgus
48. SACH foot is :
- (A) Soft ankle cushion heel (B) Solid ankle cuffed heel
(C) Solid ankle cellular heel (D) Solid ankle cushion heel
49. Symes amputation is :
- (A) End bearing stump (B) Proximal weight bearing stump
(C) Weight relieving stump (D) None of the above
50. All are Dynamic response foot except :
- (A) Seattle foot (B) SACH
(C) Carbon copy (D) Flex foot
51. Polyarthritis in rheumatoid arthritis first affects :
- (A) Spine (B) Large joints
(C) Small peripheral joints (D) All of these

52. Muscle weakness in poliomyelitis is :
- (A) symmetrical (B) asymmetrical
(C) all of these (D) none of these
53. MCR insole is indicated in :
- (A) Neuropathic foot (B) Painful foot
(C) Both (D) None
54. Chopart amputation is :
- (A) Tarsometatarsal (B) Transmetatarsal
(C) Midtarsal (D) Talocrural
55. The following are parts of axillary crutches except :
- (A) Axillary pad (B) Uprights
(C) Hand grip (D) Forearm band
56. External knee joint is used in :
- (A) Above knee prosthesis (B) Through knee prosthesis
(C) PTB prosthesis (D) Symes Prosthesis
57. The minimum percentage of disability to get the benefits of disabled is :
- (A) 50% (B) 45%
(C) 40% (D) 60%
58. Terminal device is part of :
- (A) lower limb orthosis (B) upper limb orthosis
(C) lower limb prosthesis (D) upper limb prosthesis
59. Pressure tolerant areas in PTB socket are :
- (A) Patellar tendon (B) Pretibial muscles
(C) Popliteal fossa (D) All of the above

60. Polycentric knee provides all except :

- (A) Stability
- (B) Swing control
- (C) Light weight
- (D) Low cost

61. Phantom sensation is :

- (A) non painful sensation
- (B) decreases with time
- (C) all of the above
- (D) none of the above

62. Gait deviation in trans femoral amputee includes :

- (A) Lateral trunk bending
- (B) Abducted gait
- (C) Circumduction
- (D) All of the above

63. Lofstrand crutches have all except :

- (A) Forearm cuff
- (B) Moulded hand piece
- (C) Single aluminium shaft
- (D) Axillary piece

64. Low temperature thermoplastics :

- (A) moulded at temperature just above body temperature
- (B) does not need cast
- (C) main use in upper limb orthotics
- (D) all of the above

65. Swedish knee cage :

- (A) prevents genu recurvatum
- (B) prevents knee flexion
- (C) controls axial rotation
- (D) extends up to ankle

66. Camber refers to :

- (A) wheel angle against vertical axis
- (B) pneumatic tires
- (C) front wheels
- (D) antitippers

67. Metals commonly used in orthosis are all except :

- (A) steel
- (B) aluminium
- (C) titanium alloys
- (D) iron

68. SOMI is :
- (A) sterno occipital mandibular immobilizer
 - (B) poster type CTO
 - (C) cannot be applied in supine position
 - (D) used in unstable fracture
69. Taylor brace is :
- (A) CTLSO
 - (B) TLSO
 - (C) LSO
 - (D) SO
70. Milwaukee brace is indicated in :
- (A) Scoliosis
 - (B) Kyphosis
 - (C) Osteoporosis
 - (D) Compression fracture
71. Ischial containment applies to :
- (A) Transtibial prosthesis
 - (B) Transradial prosthesis
 - (C) Transhumeral prosthesis
 - (D) Transfemoral prosthesis
72. A stretch or tear of muscle fibres is :
- (A) Strain
 - (B) Sprain
 - (C) Stress
 - (D) String
73. Tennis elbow refers to :
- (A) Medial epicondylitis
 - (B) Lateral epicondylitis
 - (C) Tendonitis
 - (D) Synovitis
74. Shock absorbers of the knee is :
- (A) Collateral ligaments
 - (B) Menisci
 - (C) Cruciate ligaments
 - (D) Synovium
75. Aeroplane splint is used in injury to :
- (A) Radial nerve
 - (B) Brachial plexus
 - (C) Median nerve
 - (D) Axillary nerve

76. Alignment refers to :
- (A) Relationship of different parts of prostheses to each other
 - (B) Relationship of socket to stump
 - (C) Relationship of socket and stump to body
 - (D) Relationship of gravity and loading
77. Motorised wheel chairs are indicated in _____ quadriplegics.
- (A) C4
 - (B) C5
 - (C) C6
 - (D) C7
78. KAFO is indicated in :
- (A) Gluteus medius weakness
 - (B) Hamstring weakness
 - (C) Quadriceps weakness
 - (D) Iliopsoas weakness
79. Bells palsy refers to :
- (A) Lesion of 12th cranial nerve
 - (B) Lesion of 5th cranial nerve
 - (C) Lesion of 7th cranial nerve
 - (D) Lesion of 10th cranial nerve
80. Clinical components in club foot is :
- (A) cavus, adductus, calcaneus varus
 - (B) pesplanus, adductus, equinus, valgus
 - (C) cavus, adductus, varus, equinus
 - (D) pesplanus adductus, equinus, varus
81. Who is the 159th member of WTO?
- (A) Kazakhstan
 - (B) Laos
 - (C) Tajikistan
 - (D) Uzbekistan
82. Among the union territories the female literacy is highest according to Census 2011 :
- (A) Puducherry
 - (B) Chandigarh
 - (C) Daman Diu
 - (D) Lakshadweep
83. The present Governor of Reserve bank of India is :
- (A) D. SubbaRao
 - (B) Reghuram Rajan
 - (C) Y.V. Reddy
 - (D) Rangarajan