

Physiotherapist

Sr. No.	Question Body and Alternatives
1	<p>The _____ and limbic system are directly involved in regulating and coordinating the activity patterns characteristic of the stronger emotions like fear, anger and pleasure</p> <p>A) Forebrain</p> <p>B) Wernicke's area</p> <p>C) Corpus Callosum</p> <p>D) Hypothalamus</p>
2	<p>The main method used by structure lists to discover the elementary units of mind was</p> <p>A) Introspection</p> <p>B) Experimentation</p> <p>C) Observation</p> <p>D) Assessment</p>
3	<p>Primary socialization process starts from</p> <p>A) Family</p> <p>B) Clubs</p> <p>C) Future prediction</p> <p>D) Books</p>
4	<p>Married couple who lives near or with Bride's parents are called as</p> <p>A) Family of Orientation</p> <p>B) Matriarchal arrangements</p> <p>C) Family of Procreation</p> <p>D) Patrilocal arrangements</p>
5	<p>Which carpal bone when fractured is more likely to result in avascular necrosis?</p> <p>A) Lunate</p> <p>B) Hamate</p> <p>C) Scaphoid</p> <p>D) Trapezium</p>
6	<p>Which of the following is not a sesamoid bone?</p>

- A) Pisiform
- B) Medial Cuneiform
- C) Patella
- D) Fabella

7 Which muscle does not cause abduction of hip joint?

- A) Gluteus medius
- B) Gluteus maximus
- C) Gluteus Minimus
- D) Tensor Fascia Lata

8 Which muscle does not cause flexion of knee joint?

- A) Quadriceps Femoris
- B) Biceps Femoris
- C) Semi tendinosus
- D) Semi membranousus

9 Volume of Interstitial fluids is about ———— litres.

- A) 12
- B) 15
- C) 10
- D) 2.5

10 Saliva PH ranges from

- A) 6.00 – 6.51
- B) 7.00 – 7.25
- C) 6.22 – 6.88
- D) 6.35 – 6.85

11 The term “milieu interior” (Internal environment) refers to

- A) Intra cellular fluid
- B) Trans cellular fluid
- C) Plasma
- D) Extracellular fluid

- 12 The neurotransmitter released at neuromuscular junction in skeletal muscle is
- A) Dopamine
 - B) Epinephrine
 - C) Acetyl choline
 - D) Nitric oxide
- 13 Progressive fibrosing of interstitial pneumonia of unknown cause occurs in adults is called as
- A) Idiopathic Pulmonary fibrosis
 - B) Non-Specific interstitial
 - C) Acute interstitial Pneumonia
 - D) Lymphatic interstitial Pneumonia
- 14 Early intervention of CTEV starts with
- A) Tendo Achilles release
 - B) Positioning and splinting of foot
 - C) Manipulation of ankle and foot
 - D) Popliteal release
- 15 CTEV means
- A) Congenital Talipes equino Varus
 - B) Congenital Tibial Equino Varus
 - C) Congenital Talus Equino Varus
 - D) Congenital Absence of Tibialis Tendon
- 16 A baby will be able to jump and walk up and downstairs (two feet per step) by
- A) 18 months
 - B) 24 months
 - C) 36 months
 - D) 48 months
- 17 Which of the following drug side effects contribute to fall?
- A) Antihypertensive
 - B) Sedatives
 - C) Antipsychotics

D) All of the above

18 The following are basic activities of daily living except:

A) Bathing

B) Grooming

C) Driving

D) Toileting

19 Osteoarthritis is characterized by the following

A) Cartilage destruction with subsequent joint space loss

B) Osteophyte formation

C) Subchondral sclerosis

D) All of the above

20 The joint commonly involved in gout is

A) First metatarsal joint

B) Shoulder joint

C) Hip joint

D) Elbow joint

21 Internal forces

A) Counteract external forces

B) Counteract internal forces

C) Counteract external and internal forces

D) Doesn't counteract internal forces

22 Friction force has an action line ————— to contacting surface

A) Perpendicular

B) Parallel

C) Independent

D) Parallel and opposite to movement

23 Mechanical advantage is best in levers of

A) III order

B) II order

C) I order

D) All orders

24 Joint reaction forces increases with

A) Body weight

B) Gravity

C) Weight bearing

D) All of the above

25 The length of muscle doesn't vary in

A) Eccentric

B) Concentric

C) Isoinertia

D) Isometric

26 The centre of gravity of human body in anatomical position

A) Posterior to sacrum

B) Below coccyx

C) Second lumbar vertebrae

D) Second sacral vertebrae

27 The centre of gravity is higher in

A) Men and children

B) Adult women

C) Aged women

D) Middle aged women

28 The line of gravity in human body is

A) Is curvaceous in females

B) Horizontal line

C) Vertical line through the center of gravity

D) Oblique line

29 What is a "comparable sign" in manual therapy clinical practice?

A) Inter-rater reliability

B) Intra-rater reliability

C) A negative test sign repeated after therapeutic manoeuvre to determine the effectiveness of the manoeuvre

D) A positive test sign repeated after therapeutic manoeuvre to determine the effectiveness of the manoeuvre

30

High velocity thrust manipulation is

A) A small amplitude high velocity technique

B) An oscillation technique

C) Sustained joint play technique

D) Grade two, large amplitude rhythmic oscillations

31

Gentle joint play techniques will

A) Alleviate or reduce reflex muscle guarding

B) Increase muscle spasm

C) Increase tenderness of the structures

D) Increase joint stiffness

32

SHORT-WAVE DIATHERMY INDICATION FOR MAJOR EFFECTS IN

A) Degenerative joint disease

B) Moderate Oedema

C) Tenosynovitis

D) Capsular lesions for the peripheral major joints

33

Sympathetic dystrophy (or) shoulder hand syndrome can be treated effectively by

A) Di dynamic Current

B) TENS

C) GALVANIC

D) Interferential therapy

34

For the AIRWAY CLEARANCE Forced expiration through open airway and secretion removal effective technique

A) Percussion

B) Shaking

C) STROKING

D) HUFFING AND COUGHING

35

What type of stretching, elongates the muscle beyond the point of tissue resistance and held for a prolonged period of time?

- A) Static stretching
- B) Dynamic stretching
- C) PNF stretching
- D) Ballistic stretching

36 Which relaxation technique involves paying non-judgmental attention to your thoughts and feelings in the present moment awareness?

- A) Autogenic Training
- B) Mindfulness Meditation
- C) Visualization
- D) Tai Chi

37 Which relaxation training approach focuses on the systematic, distal to proximal progression of voluntary contraction and relaxing of muscles?

- A) Deep breathing
- B) Bowen therapy
- C) Progressive Muscle Relaxation
- D) Massage

38 Which of the following is NOT a relaxation training approach?

- A) Progressive Muscle Relaxation
- B) Awareness Through Movement
- C) Cognitive Behavioral Therapy
- D) Autogenic Training

39 Pseudo-myostatic contracture:

- A) An Intra-articular pathology
- B) Easily resolved in a short time
- C) Neuromuscular inhibition will never relieve the contracture
- D) Impaired mobility and limitation, hyper tonicity (spasticity, rigidity)

40 Which of the following disinfectant is used in plasma sterilization?

- A) Formaldehyde
- B) Glutaraldehyde
- C) Hydrogen peroxide

D) Ethylene oxide

41 The most commonly used sterilization condition for autoclave is:

A) 121°C for 15 min at 15 pounds

B) 131°C for 15 min at 15 pounds

C) 111°C for 15 min at 15 pounds

D) 101°C for 15 min at 15 pounds

42 The cardinal signs of Inflammation are following except

A) Color

B) Tumour

C) Dolor

D) Palor

43 An Embolus is

A) A freely Mobile Intravascular mass

B) A static intravascular mass

C) A mass in Brain

D) A mass in Lung

44 There will be no alteration in Electrical reaction in

A) Degenerative conditions

B) Hysterical paralysis

C) Fibrosis of muscles

D) Ischemic contracture

45 Wallerian Degeneration takes place

A) Below the site of lesion

B) Above the site of lesion

C) On the site of lesion

D) At first node of Ranvier

46 The disadvantage of S.D curve

A) Only certain proportions of the fibers respond

B) The site of the lesion is not identified

C) Full picture is not clearly shown

D) All of the above

47

Difference of potential gives rise to a force, is collect as

A) Current

B) EM7

C) Voltage

D) Electromagnetic induction

48

The amount of resistance depends on

A) Temperature

B) The material of the conductor

C) The length of the pathway

D) All the above

49

The momentum of a force is greatest when the force is applied

A) At (or) close to 90°

B) close to 90°

C) 180°

D) 0°

50

Which one of the following shows the characteristics of coupling media in ultrasound therapy?

A) Low viscosity

B) High susceptibility for bubble formation

C) Acoustic impedance similar to the tissue

D) Low transmissivity for Ultrasound

51

In pulsed Ultrasound the M:S Ratio indicates

A) Minutes : Seconds

B) Mode : Space

C) Mark : Seconds

D) Mark : Space

52

LASER Therapy is applied by

A) Grid and scanning method

B) Water bath method

C) Immersion method

D) Condensor field method

53

Which of the following is a key component of health literacy?

A) The ability to self-diagnose medical conditions

B) The ability to prescribe medication

C) The capacity to obtain, process, and understand basic health information and services needed to make appropriate health decisions

D) The ability to avoid health care system

54

Which of the following is not part of epidemiological triad?

A) Agent

B) Host

C) Disease

D) Environment

55

Measures of tertiary prevention helps in

A) Preventing risk factors

B) Limiting disability

C) Preventing complication

D) Just record purpose

56

Food poisoning is an example of

A) Common source, single exposure epidemic

B) Common source, continuous exposure epidemic

C) Propagated epidemic

D) Modern epidemic

57

To reduce DVT risk after ACL reconstruction

A) Perform ankle pumping exercise frequently throughout the day

B) Promote Immobilization

C) Stop anticoagulant medications

D) Use tourniquet

- 58 Patellar mobilization
- A) Decrease flexibility of ligament
 - B) Reduces knee range of motion
 - C) High velocity thrust manipulation
 - D) Increase flexibility of surrounding restricting tissues
- 59 During final degrees of extension of knee joint
- A) Screw home mechanism
 - B) Unlocking of knee
 - C) Anterior sliding of femur
 - D) Loose pack position of joint
- 60 The Q angle is the
- A) Angle formed by the intersection of a line drawn from the centre of patella to the anterior superior iliac spine and a line drawn from centre of patella to tibial tuberosity
 - B) An angle between tibia and fibula
 - C) An angle between tibia and calcaneum
 - D) An angle formed by the development of calcaneal spur
- 61 The ligaments of tibio femoral joint **does NOT** include
- A) Anterior cruciate
 - B) Posterior cruciate
 - C) Lateral collateral
 - D) Medial meniscus
- 62 Posterior pelvic tilt
- A) The (PSIS) posterior superior iliac spines of pelvis anteriorly and superiorly
 - B) There is no change in line of gravity
 - C) Line of gravity shifts anterior to the axis of hip joints
 - D) Line of gravity falls posterior to the axis of hip joints
- 63 CTEV of foot has
- A) Inversion of foot
 - B) Adduction of forefoot

C) Equinus

D) All of above

64

Spinal canal stenosis leads

A) Vascular Claudication

B) Neural claudication

C) Both

D) None

65

Scottish dog appearance in spondylolisthesis is found in this view of X-ray

A) Oblique

B) A-P

C) Lateral

D) Mountain

66

Hammer toe

A) Extension at MTP joint

B) Flexion at PIP joint

C) None of the above

D) Both (A) and (B)

67

Which Orthosis helps with leg length discrepancy and promotes up light posture with its broad abdomen support pad?

A) Swedish knee cage

B) Reciprocating gait orthosis

C) Swivel orthosis

D) Boston Brace

68

Aeroplane splint is used in all the following conditions, except

A) Erb's palsy

B) Supraspinatus tendon rupture

C) Tuberculous arthritis of shoulder

D) Paralysis of subscapularis

69

Transtibial amputation is also called as

A) Above Knee amputation

- B) Syme's amputation
- C) Below Knee amputation
- D) Below hip amputation

70 Amputation at the ankle with removal of the talus and fusion of the tibia and calcaneus is called as

- A) Boyd's Amputation
- B) Chopart Amputation
- C) Syme's Amputation
- D) Lisfranc Amputation

71 _____ is called as the phagocytes of the central nervous system.

- A) Microglia
- B) Neuroglia
- C) Astrocytes
- D) Oligo dendrocytes

72 Locked-in syndrome occurs due to involvement of

- A) Cerebrum
- B) Ventral pons
- C) Pineal glands
- D) Corpus callosum

73 A resting muscle in EMG shows

- A) No detectable activity
- B) Periphasic potentials
- C) Rumbling sound on speaker
- D) Dive bombing sound

74 Home programme that reduces falls in the frail and older adults

- A) Isokinetic exercise programme
- B) Otago home exercise programme
- C) Kegel's home exercise
- D) A Romanian Deadlift (RDL)

75 This is not an involuntary movement

- A) Tremor
- B) Fasciculation
- C) Flexion
- D) Rigidity

76 Neuroma is not

- A) Tumor
- B) Bared end of axon
- C) Regenerating nerve fibrils
- D) Bulbous

77 Increase of temperature increases nerve conduction this is

- A) True
- B) False
- C) May or may not increase
- D) Not related

78 This muscle escapes in Ulnar nerve palsy

- A) Adductor Pollicis
- B) Opponens Pollicis
- C) Flexor digits minimis
- D) Abductor digit minimi

79 This is not a symptom of parkinsonian syndrome

- A) Simian posture
- B) Brady kinesia
- C) Blinking of eye
- D) Festinant gait

80 Static balance control include

- A) Patient practice balance control on moving surface
- B) Vary with the position of arms
- C) Jogging
- D) Patient maintain standing posture on a firm surface during training

- 81 Normal angle of Nail and Nail bed is
- A) 120°
 - B) 180°
 - C) 160°
 - D) 145°
- 82 Dyspnea which occurs during upright position only
- A) Tachypnoea
 - B) Orthopnoea
 - C) Platypnoea
 - D) Paroxysmal nocturnal Dyspnea
- 83 Which of the following is an Acyanotic heart disease?
- A) Trunkus Arteriosus
 - B) TOF
 - C) ASD
 - D) TGA
- 84 Natural pacemaker of heart
- A) AV node
 - B) Purkinjee fibre
 - C) Bundle of his
 - D) Sinoatrial node
- 85 Effect that decreases the heart rate
- A) Chronotropic
 - B) Cholinergic
 - C) Inotropic
 - D) Dromotropic
- 86 How many major coronary arteries supplies human heart?
- A) 2
 - B) 4
 - C) 1

D) 3

87 Which of the following congenital heart disease has longevity?

A) VSD

B) PDA

C) ASD

D) Trunkus Arteriosis

88 Which of the following does not cause in MI?

A) Atherosclerosis

B) Stenosis

C) Thrombus

D) Aneurysm

89 Principle presenting symptoms of myopathies are all except

A) Muscle weakness

B) Fatigue

C) Myotonia

D) Loss of sensation

90 Type 1 muscle fibres are all except

A) Aerobic endurance

B) Slow twitching red fibres

C) Rich in myoglobin and mitochondria

D) Fast twitch white fibres

91 Duchenne muscular dystrophy presented with all except

A) Loss of Dystrophin protein

B) X linked recessive DISORDER

C) Onset 2 to 6 years

D) Autosomal dominant disorder

92 The most common form of adult muscular dystrophy

A) Becker's muscular dystrophy

B) Duchenne's muscular dystrophy

C) Myotonic muscular dystrophy

D) Limb girdle muscular dystrophy

93 Leprosy (Hansen's disease) is caused by

A) Mycobacterium leprae

B) Cytomegalovirus

C) Mycobacterium tuberculosis

D) Borrelia burgdorferi

94 Parkinson's disease presents with all except

A) Resting tremors

B) Brady kinesia

C) Micrographia

D) Circumduction Gait

95 Neurapraxia is characterized by

A) Damage to axon and all supporting structures

B) Axon damage with intact, supporting structures

C) Focal conduction Block without axonal damage

D) Damage to endoneurium and Perineurium

96 Which nerve compression is common in carpal tunnel syndrome?

A) Radial nerve

B) Ulnar nerve

C) Median nerve

D) Axillary nerve

97 Lower trunk of brachial plexus is formed by

A) C5, C6

B) C6, C7 and C8

C) C8 and T1

D) C5, C6, C7, C8, T1

98 What is the primary purpose of kinesiology taping?

A) To restrict blood flow

- B) To lift the skin
- C) To restrict motion
- D) To protect skin

99

Once the kinesiology taping has been applied to the area it then needs to heat activated by

- A) an electric dryer
- B) Leaving it without touching for 5 minutes
- C) Infrared radiation
- D) Rubbing the tape

100

Kinesiology taping is normally left on the skin for

- A) 3 to 5 days
- B) 7 days
- C) 7 to 10 days
- D) A couple of weeks