

PROVISIONAL ANSWER KEY

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Question1:-The following tendons pass under the flexor retinaculum except:

- A:-Flexor carpi radialis
- B:-Flexor carpi ulnaris
- C:-Flexor Digitorum superficialis
- D:-Flexor Digitorum profundus

Correct Answer:- Option-B

Question2:-The highest point of iliac crest corresponds to

- A:-Interval between L3-L4 spine
- B:-L5 spine
- C:-4 cm lateral to S2 spine
- D:-Midpoint of the iliac crest

Correct Answer:- Option-A

Question3:-The following is not true about Peroneus Longus

- A:-Lies superficial to peroneus Brevis
- B:-Occupies lateral compartment of leg
- C:-Tendon changes direction below lateral malleolus
- D:-Inserted into cuboid

Correct Answer:- Option-D

Question4:-The tibial nerve represents the following roots

- A:-L₅S₁
- B:-L₅, S₁, S₂, S₃
- C:- L₄, L₅, S₁, S₂, S₃
- D:-L₃, L₄, L₅

Correct Answer:- Option-C

Question5:-The posterior column in the vertebral column consists of all except

- A:-Posterior Longitudinal ligament
- B:-Ligamentum flava
- C:-Interspinous ligament
- D:-Supraspinous ligament

Correct Answer:- Option-A

Question6:-The carpometacarpal joint is an example of

- A:-Pivot joint
- B:-Gliding joint
- C:-Syndesmosis
- D:-Saddle joint

Correct Answer:- Option-D

Question7:-Which of the following is an ascending tract :

- A:-Vestibulo spinal
- B:-Rubrospinal
- C:-Corticospinal
- D:-Spinohalamic

Correct Answer:- Option-D

Question8:-The following are true about Facial nerve except

- A:-Innervates muscles of facial expression
- B:-Emerges between Pons and Medulla
- C:-Roots fuse before entering petrous temporal bone
- D:-Chorda tympani carries taste fibres from anterior 2/3 of tongue

Correct Answer:- Option-C

Question9:-The following is not true about Thalamus

- A:-Forms a synaptic relay for cortical pathways
- B:-Closely related to anterior limb of internal capsule
- C:-Has four (4) group of nuclei
- D:-All sensations except olfaction have relay in thalamus

Correct Answer:- Option-B

Question10:-The following are true about synovial fluid except

- A:-Reduces friction between bony components
- B:-Viscosity is independent of the rate of shear
- C:-Articular coefficient of friction is lower than manufactured lubricants
- D:-Involved in direct exchange of nutrients

Correct Answer:- Option-B

Question11:-Boxer's muscle is

- A:-Serratus Anterior
- B:-Rhomboids
- C:-Deltoid
- D:-Pectoralis major

Correct Answer:- Option-A

Question12:-Action potential has following characteristics except

- A:-Follows "All or None" principle
- B:-Depolarisation starts with opening of sodium channels
- C:-Cardiac pacemaker cell action potential is mediated by potassium channels
- D:-Early in development, action potentials are slow rising

Correct Answer:- Option-C

Question13:-Tropomyosin

- A:-Binds to myosin during contraction
- B:-Slides on actin to produce contraction
- C:-Generates ATP
- D:-Covers actin-myosin binding sites

Correct Answer:- Option-D

Question14:-In post ganglionic sympathetic nerves, impulses are mediated by all except

- A:-Histamine
- B:-Nor epinephrine
- C:-Acetylcholine
- D:-Dopamine

Correct Answer:- Option-A

Question15:-Respiration is influenced primarily by

- A:-Carbondioxide
- B:-Oxygen
- C:-Bicarbonate
- D:-None of these

Correct Answer:- Option-A

Question16:-Biceps brachi, flexing the forearm against resistance is an example of

- A:-First order lever

- B:-Second order lever
- C:-Third order lever
- D:-None of these

Correct Answer:- Option-C

Question17:-Stability of shoulder joint is ensured by all except

- A:-Adequate size of glenoid labrum
- B:-Intact capsule
- C:-Rotator cuff
- D:-Anterior tilt of glenoid fossa

Correct Answer:- Option-D

Question18:-Relative load on the spine is maximum in

- A:-Sitting with forward bending
- B:-Standing with forward bending
- C:-Sitting
- D:-Standing

Correct Answer:- Option-A

Question19:-Metatarsal break refers to

- A:-Oblique axis through 2.5 metatarsal heads
- B:-Discontinuity in bony architecture
- C:-Unsupported gliding of metatarsal heads
- D:-None of the above

Correct Answer:- Option-A

Question20:-The normal angle of inclination of femur is :

- A:-135°
- B:-100°
- C:-65°
- D:-125°

Correct Answer:- Option-D

Question21:-The 'Intrinsic plus' position indicates the following except

- A:-Flexion of metacarpophalangeal joints
- B:-Ulnar nerve palsy
- C:-Extension of interphalangeal joints
- D:-Contracture of intrinsic muscles

Correct Answer:- Option-B

Question22:-Osteoarthritis of Temporomandibular joint is associated with

- A:-Reciprocal click
- B:-Bilateral presentation
- C:-Repeated minor trauma
- D:-Normal mouth opening

Correct Answer:- Option-C

Question23:-Transverse spreading of the fore foot is referred to as

- A:-Pes planus
- B:-Splay foot
- C:-Planovalgus
- D:-Rocker foot

Correct Answer:- Option-B

Question24:-Gait initiation begins with

- A:-Activation of tibialis anterior and vastus lateralis
- B:-Activation of gastrocnemius
- C:-Inhibition of Tibialis anterior

D:-Activation of glutei

Correct Answer:- Option-A

Question25:-Schober test is done to

A:-Asses hip flexion contracture

B:-Assess tensor fasciae lata

C:-Measure lumbar spine flexion

D:-Measure lateral flexion

Correct Answer:- Option-C

Question26:-The 'Gate Control Theory' of pain was proposed by Melzack and Wall in :

A:-1970

B:-1975

C:-1965

D:-1960

Correct Answer:- Option-C

Question27:-The method of application of short wave diathermy is influenced by

A:-Grothuss-Draper Law (Absorption)

B:-Inverse-Square law (Divergence)

C:-Arndt-Schultz law (Dosage)

D:-Lamber't Cosine law (Reflection)

Correct Answer:- Option-A

Question28:-The following is true about interferential therapy (IFT)

A:-Frequency of 0-10 Hertz stimulates motor nerves

B:-Higher frequency stimulation activates A delta and C fibres

C:-Autonomic nerves are not affected by IFT

D:-Useful for pelvic floor re-education

Correct Answer:- Option-D

Question29:-The following is not a contra indication for low level laser therapy

A:-Malignant lesion

B:-Metal and plastic implants

C:-Epileptic patient

D:-Over thyroid gland

Correct Answer:- Option-B

Question30:-The order of sensations experienced with an ice-water bath is

A:-Burning, aching, cold, numbness

B:-Cold, aching, burns, numbness

C:-Cold, burning, aching, numbness

D:-Aching, burning, cold, numbness

Correct Answer:- Option-C

Question31:-The range of pressure exerted in limb compression using a compression garment varies between

A:-1-30 mm of mercury

B:-10-80 mm of mercury

C:-1-10 mm of mercury

D:-80-100 mm of mercury

Correct Answer:- Option-B

Question32:-Contraindication for ultrasound application include all except

A:-Ischemia

B:-Over spinal cord after laminectomy

C:-Over electronic implants

D:-Enthesitis

Correct Answer:- Option-D

Question33:-The following is true about 'non contact low frequency ultrasound' :

- A:-Application technique is dynamic
- B:-Applicator is kept very close to the treatment surface
- C:-Is a usual mode of pulsed ultrasound technique
- D:-Delays wound healing

Correct Answer:- Option-A

Question34:-Which of the following is not true about continuous passive motion?

- A:-Effective and safe means to mobilise joints
- B:-Less effective in initial post operative phase
- C:-Motorized devices move through a preset range
- D:-Provides a stimulating effect on healing of tendons and ligaments

Correct Answer:- Option-B

Question35:-Which is not true about extracorporeal shock wave therapy?

- A:-Indicated for chronic tendinopathies
- B:-Local or intravenous analgesia often required
- C:-Better results when done under image guidance
- D:-Stimulates healing process in delayed/non union of fracture

Correct Answer:- Option-C

Question36:-Which of the following exercises increases heart rate and arterial blood pressure, with rise in pressure related to intensity of exercise

- A:-Isometric exercises
- B:-Isokinetic exercises
- C:-Isotonic exercises
- D:-None of the above

Correct Answer:- Option-A

Question37:-Bridging exercises is not useful for

- A:-Facilitating pelvic motion
- B:-Strengthening of low back extensors
- C:-Strengthening of hip extensors
- D:-Strengthening of hip flexors

Correct Answer:- Option-D

Question38:-Normal capsular pattern observed in shoulder joint is

- A:-Medial rotation, lateral rotation, abduction
- B:-Lateral rotation, abduction, medial rotation
- C:-Abduction, lateral rotation, medial rotation
- D:-Lateral rotation, medial rotation, abduction

Correct Answer:- Option-B

Question39:-The technique used in treatment of rigidity of Parkinson's disease is

- A:-Repeated contraction
- B:-Slow reversal
- C:-Rhythmic initiation
- D:-Rhythmic stabilisation

Correct Answer:- Option-C

Question40:-'Heart rate reserve' method to calculate target heart rate is called

- A:-Frank Starling method
- B:-Humphrey method
- C:-Karvonen method (Karvonen)
- D:-Flexibility exercise

Correct Answer:- Option-C

Question41:-Short bursts of strenuous activity to build muscle and strength is

- A:-Plyometrics

B:-Anaerobic exercise

C:-Aerobic exercise

D:-Flexibility exercise

Correct Answer:- Option-B

Question42:-Which is the close packed position in shoulder joint

A:-Flexion, Internal rotation

B:-Abduction, horizontal abduction

C:-Abduction, internal rotation

D:-Abduction, external rotation

Correct Answer:- Option-D

Question43:-Manual techniques for postural drainage are

A:-Percussion, vibration, shaking

B:-Percussion, hacking, pounding

C:-Percussion, cupping, hacking

D:-None of the above

Correct Answer:- Option-A

Question44:-According to Frenkel's exercise, essentials to learn any new exercises are

A:-Concentration, isolation, relaxation

B:-Concentration, isolation, repetition

C:-Concentration, precision, repetition

D:-None of the above

Correct Answer:- Option-C

Question45:-The following criteria must be met to progress to final phase of rehabilitation after Total knee Arthroplasty except

A:-No extension lag

B:-Atleast 50% of muscle strength in knee and hip muscles

C:-Minimal pain

D:-Ambulation with care

Correct Answer:- Option-B

Question46:-In case of a below knee amputee (transtibial amputation), the following are pressure tolerant areas except

A:-Patellar Tendon

B:-Medial Tibial Flare

C:-Fibular head

D:-Popliteal fossa

Correct Answer:- Option-C

Question47:-Which of the following is a amputation at the tarsometatarsal level?

A:-Syme's

B:-Lisfranc's

C:-Chopart's

D:-Boyd's

Correct Answer:- Option-B

Question48:-Burns of which of the following parts of the body are considered as major burns?

A:-Face

B:-Hand

C:-Perineum

D:-Both (1) and (3)

Correct Answer:- Option-D

Question49:-Which of the following statements regarding constraint induced movement therapy (CIMT) is true?

A:-It requires constraint of the affected limb

B:-It is based on the principle of repeated practice and intense activity

C:-It utilises a passive non-intensive approach

D:-It aims to improve the use of unaffected extremity

Correct Answer:- Option-B

Question50:-If a patient presents with a burn with damage to the epidermis, but only partial damage to the dermis and has blistering, how is the burn classified as?

A:-First degree or superficial

B:-Second degree or partial thickness

C:-Third degree or full thickness

D:-Unstagnable

Correct Answer:- Option-B

Question51:-The Wee F/M functional assessment in paediatric population may be measured by beginning of which age?

A:-Birth

B:-6 months

C:-12 months

D:-24 months

Correct Answer:- Option-B

Question52:-What axiom states that high intensity low repetition exercise builds strength and low intensity high repetitive exercise builds endurance?

A:-Miranda's axiom

B:-Aaron's axiom

C:-De Lorme's axiom

D:-Fiat's axiom

Correct Answer:- Option-C

Question53:-In a patient with spinal cord injury, intermittent clean catheterisation should be considered in which of the following?

A:-Small bladder capacity

B:-Cognitive impairment

C:-Adequate hand function

D:-Prone to autonomic dysreflexia

Correct Answer:- Option-C

Question54:-Fatigue in a patient with multiple sclerosis will increase with

A:-heating

B:-cooling

C:-wetness

D:-dryness

Correct Answer:- Option-A

Question55:-The technique that uses ultrasound to deliver medications through the skin is

A:-Diathermy

B:-Jonto phoresis

C:-Interferential therapy

D:-Phonophoresis

Correct Answer:- Option-D

Question56:-The examiner reviews the results of pulmonary function tests for a 58 year old male patient he notes that the patients total lung capacity is significantly increased when compared to established norms. Which medical condition would most likely produce this type of results?

A:-Chronic bronchitis

B:-Emphysema

C:-Spinal cord injury

D:-Pulmonary fibrosis

Correct Answer:- Option-B

Question57:-The examiner observes patients breathing as part of respiratory assessment. Which muscle of respiration is most active during forced expiration?

A:-Diaphragm

B:-External intercostals

C:-Internal intercostals

D:-Upper trapezius

Correct Answer:- Option-C

Question58:-While examining a 64 year old male patient with chronic bronchitis, the physician finds that his respiratory rate is 30 breaths per minute. Which breathing technique would be most appropriate to decrease the patient's respiratory rate?

A:-Glossopharyngeal breathing

B:-Diaphragmatic breathing

C:-Segmental breathing

D:-Pursed lip breathing

Correct Answer:- Option-D

Question59:-Which of the following is not an absolute contradiction for cardiac rehabilitation?

A:-Hypertrophic cardiomyopathy

B:-Acute pericarditis

C:-Resting systolic blood pressure greater than 200 mm Hg

D:-Third degree heart block without pacemaker

Correct Answer:- Option-A

Question60:-Cardiac output is defined as a product of which of the following components?

A:-Heart rate and stroke volume

B:-Stroke volume and oxygen consumption

C:-Ejection fraction and aerobic capacity

D:-Myocardial oxygen capacity and heart rate

Correct Answer:- Option-A

Question61:-Which of the following is a useful test in measuring exertion during physical activity

A:-Wong Baker Scale

B:-Borg Scale

C:-Rancho Los Amigos Scale

D:-Disability Rating Scale

Correct Answer:- Option-B

Question62:-Which of the following phases of cardiac rehabilitation is considered a structured out patient program?

A:-Phase I

B:-Phase II

C:-Phase III

D:-Phase IV

Correct Answer:- Option-B

Question63:-Which of the following is the simplest technique to clear secretions from the upper airways in pulmonary rehabilitation program?

A:-Percussion

B:-Vibration

C:-Shaking

D:-Cough

Correct Answer:- Option-D

Question64:-A patient is positioned for bronchial drainage from the anterior segment of the upper lobes.The most appropriate position for the patient is

A:-Supine with pillow under the knees

B:-Supine with foot of bed elevated 16 inches

C:-Supine with head of bed elevated 12 inches

D:-Prone with the head of the bed elevated 12 inches

Correct Answer:- Option-A

Question65:-The coronary arteries mostly perfuse the myocardium during which cardiac phase

A:-Systole

B:-Diastole

C:-Mid systole

D:-End systole

Correct Answer:- Option-B

Question66:-While examining a patient with cerebellar degeneration, which of the following is not typically associated with this condition?

- A:-Athetosis
 - B:-Dysmetria
 - C:-Nystagmus
 - D:-Dysdiadochokinesia
- Correct Answer:- Option-A

Question67:-A 50 year old female patient complains of occasional difficulty in maintaining her balance. While walking and frequent episodes of vertigo. The most likely cause of the patients difficulty is a disorder of

- A:-Visual system
 - B:-Proprioceptive system
 - C:-Auditory system
 - D:-Vestibular system
- Correct Answer:- Option-D

Question68:-The medical record of a patient shows a lesion affecting the facial motor nucleus. Based on the patient's diagnosis, the most probable clinical presentation is

- A:-Facial muscle weakness ipsilateral to the lesion
 - B:-Facial muscle weakness contralateral to the lesion
 - C:-Impaired facial sensation ipsilateral to the lesion
 - D:-Impaired facial sensation contralateral to the lesion
- Correct Answer:- Option-A

Question69:-The examiner assess a patients lower extremity deep tendon reflexes, using a reflex hammer. Which of the following reflexes would provide the examiner with the most information on $L_3 - L_4$ neurological level?

- A:-Patellar reflex
 - B:-Lateral hamstring reflex
 - C:-Posterior tibial reflex
 - D:-Achilles reflex
- Correct Answer:- Option-A

Question70:-The treatment plan for a patient with hemiplegia includes reinforcing normal movements through key points of control and avoiding all with reflex movement patterns and associated reactions. This approach most closely resembles

- A:-Bobath's
 - B:-Kabat's
 - C:-Trendelenberg's
 - D:-Brunnstom's
- Correct Answer:- Option-A

Question71:-A 11- month old baby with cerebral palsy attempts to maintain a quadrupod position. Which reflex would interfere with this activity if it was not ingrained?

- A:-Galen reflex
 - B:-Symmetric tonic neck reflex
 - C:-Plantar grasp
 - D:-Positive support reflex
- Correct Answer:- Option-B

Question72:-Which of the following rehabilitation treatment option is commonly used for phantom limb pain?

- A:-TENS (Transcutaneous Electrical Nerve Stimulation)
 - B:-Sensory Discrimination Training
 - C:-Mirror therapy
 - D:-All of the above
- Correct Answer:- Option-D

Question73:-Spinal Cord Injury is classified by using which of the following scale?

- A:-Glasgow coma scale
 - B:-Barthel inde
 - C:-ASIA (American Spinal Injury Association)
 - D:-Ashworth's Scale
- Correct Answer:- Option-C

Question74:-A 4 year old boy is brought to hospital because his mother had noticed that he has difficulty in getting up from a squatting position/seated position on the floor while playing with his toys. On physical examination, there is increase in calf circumference bilaterally. You think that the child has muscular dystrophy. The maneoure the child performs to assist him in standing is caused by

- A:-Proximal lower limb leakness
- B:-Distal lower limb weakness
- C:-Proximal upper limb weakness
- D:-Distal upper limb weakness

Correct Answer:- Option-A

Question75:-Neuroplasticity is a concept that refers to all of the following except

- A:-The potential ability of the central nervous system (CNS) to modify its structural and functional organisation
- B:-Partial recovery is possible long after sustaining a brain injury
- C:-The brain remains capable of changing in response to experience and injury
- D:-Insult or injury to the CNS is permanent and functional ability cannot be altered with any type of intervention

Correct Answer:- Option-D

Question76:-What is the most common location of Heterotopic Ossification (HO) in spinal cord injury patients?

- A:-Hip
- B:-Knee
- C:-Shoulder
- D:-Elbow

Correct Answer:- Option-A

Question77:-A 17-year old student is stabbed in the back, and presents as following :

Loss of sensation, paralysis and loss of vibration below T_8 on the left, loss of pain and temperature below T_8 on the right. what syndrome does she have?

- A:-Central Cord Syndrome
- B:-Brown-Sequard Syndrome
- C:-Anterior cord
- D:-Cauda Equine

Correct Answer:- Option-B

Question78:-Poliomyelitis and Werdnig Hoffman disease affect which portion of the spinal cord?

- A:-Fasciculus Cuneatus + Ventral horns
- B:-Fasciculus gracilis and dorsal horns
- C:-Dorsal horns only
- D:-Ventral horns only

Correct Answer:- Option-D

Question79:-The examination of a patient who sustained a hyper extension injury of cervical spine reveals loss of proprioception and two point discrimination. With intact motor function. this type of incomplete spinal cord injury is most appropriately termed

- A:-Anterior cord syndrome
- B:-Brown sequard syndrome
- C:-Central cord syndrome
- D:-Posterior cord syndrome

Correct Answer:- Option-D

Question80:-In a post stroke patient, with a flaccid left side, in order to facilitate muscular activity, the treatment plan should include

- A:-Weight bearing, tapping, elevation
- B:-Vibration, tapping, prolonged stretch
- C:-Weight bearing, tapping, approximation
- D:-Approximation, elevation, prolonged stretch

Correct Answer:- Option-B

Question81:-Accessory joint motions are assigned a joint play mobility grade of 0 to 6, in which a grade of 2 indicates

- A:-Unstable
- B:-Slight hypermobility
- C:-Slight hypomobility
- D:-Normal

Correct Answer:- Option-C

Question82:-In proprioceptive neuromuscular facilitation (PNF) patterns, shoulder position at the end of an upper limb D1 flexion is

- A:-Flexion, Abduction and External rotation
- B:-Flexion, Abduction and Internal rotation
- C:-Flexion, Adduction and internal rotation
- D:-Flexion, Adduction and External rotation

Correct Answer:- Option-D

Question83:-An abnormal position of patellae in which patellae are high and laterally displaced and face upward and outward is called

- A:-Cross eyed patellae
- B:-Patella Baja
- C:-Grasshopper eyes patellae
- D:-Squinting patellae

Correct Answer:- Option-C

Question84:-A trendelenberg gait is characterized by

- A:-trunk shift on affected side, pelvic drop on opposite (unaffected) side
- B:-pelvic drop on affected side, trunk shift on opposite (unaffected) side
- C:-trunk shift and pelvic drop on affected side
- D:-trunk shift and pelvic drop on opposite(unaffected) side

Correct Answer:- Option-A

Question85:-Heberden's nodes are a result of osteophytes due to Osteoarthritis of

- A:-Distal interphalangeal joints
- B:-Metacarpophalangeal joints
- C:-Proximal interphalangeal joints
- D:-Carpometacarpal joints

Correct Answer:- Option-A

Question86:-Compared to young adults the following features are seen in gait in elderly

- A:-Decreased base of support and increased cadence
- B:-Shorter step length and increased double support period
- C:-Increased step length and increased cadence
- D:-Increased step length and shorter double support period

Correct Answer:- Option-B

Question87:-A form of arthritis due to deposition of crystals of calcium pyrophosphate dehydrate in synovium or articular cartilage or menisci is called

- A:-Alkaptonuric arthritis
- B:-Gout
- C:-Reactive arthritis
- D:-Pseudogout

Correct Answer:- Option-D

Question88:-When applying joint mobilizations for metacarpophalangeal joints, a dorsal glide is given to increase?

- A:-Flexion
- B:-Extension
- C:-Abduction
- D:-Adduction

Correct Answer:- Option-B

Question89:-One of the following is false regarding physiological adaptation to strength training exercise

- A:-Increased myokinase
- B:-Increased capillary bed density
- C:-Decreased twitch contraction time
- D:-Decreased mitochondrial density and volume

Correct Answer:- Option-B

Question90:-When performing straight leg raise test modification of hip flexion, knee extension, ankle dorsiflexion and foot inversion is done to test

- A:-Sural nerve
 - B:-Tibial nerve
 - C:-Common peroneal nerve
 - D:-Femoral nerve
- Correct Answer:- Option-A

Question91:-Gait deviations of initial contact with medial border of foot associated with limited inversion range at subtalar joint is seen in

- A:-Supinated foot
 - B:-Hallux valgus
 - C:-Congenital Talipes Equino Varus
 - D:-Pronated foot
- Correct Answer:- Option-D

Question92:-Many adult problems which have their early origins in childhood (such as obesity) a level of prevention in which efforts are directed towards discouraging children from adapting harmful lifestyles and which aims at prevention of emergence or development of risk factors in countries or population groups in which they have not yet appeared is called

- A:-Primary Prevention
 - B:-Primordial prevention
 - C:-Tertiary prevention
 - D:-Secondary prevention
- Correct Answer:- Option-B

Question93:-A type of exercise also called as accommodating resistance exercise is

- A:-Isometric exercise
 - B:-Concentric exercise
 - C:-Isokinetic exercise
 - D:-Eccentric exercise
- Correct Answer:- Option-C

Question94:-A ladder splint which is used for temporary splintage of fractures during transportation, which is made of two thick parallel wires with interlacing wires and can be bent into different shapes is

- A:-Thomas knee-bed splint
 - B:-Crammer splint
 - C:-Bohler-Braun splint
 - D:-Dennis Brown splint
- Correct Answer:- Option-B

Question95:-Which of the following is not a part of the Apgar score which is taken at 1 minute and again at 5 minutes after birth

- A:-Heart rate
 - B:-Muscle tone
 - C:-Reflex response
 - D:-Birth weight
- Correct Answer:- Option-D

Question96:-The minimum ramp grade (incline or slope) for a wheelchair ramp is that for every inch of threshold height there is a corresponding

- A:-10 inch of ramp length (a running slope of 1:10)
 - B:-8 inch of ramp length (a running slope of 1:8)
 - C:-12 inch of ramp length (a running slope of 1:12)
 - D:-6 inch of ramp length (a running slope of 1:6)
- Correct Answer:- Option-C

Question97:-For prolonged static positioning the position of choice for the high-risk pregnancies, which is optimal for reducing pressure on the inferior vena cava and for maximizing cardiac output, thereby enhancing maternal and fetal circulation

- A:-Right sideylying
 - B:-Supine
 - C:-Prone
 - D:-Left sidelying
- Correct Answer:- Option-D

Question98:-Non weight bearing supination is composed of coupled calcaneal motions of

A:-adduction, inversion and plantar flexion

B:-abduction, eversion and plantar flexion

C:-abduction, eversion and dorsiflexion

D:-adduction, inversion and dorsiflexion

Correct Answer:- Option-A

Question99:-A condition characterized by loose zone, protrusio acetabuli and triadial pelvis is

A:-Rickets

B:-Osteomalacia

C:-Ankylosing spondylitis

D:-Paget's disease

Correct Answer:- Option-B

Question100:-A characteristic radiological feature of osteosarcoma is

A:-Soap bubble appearance

B:-Popcorn calcification

C:-Sunray appearance

D:-Onion peel appearance

Correct Answer:- Option-C