

Question Bank for Assistant Physiotherapy Officer

Q.1 A patient is admitted to a phase I cardiac rehabilitation program after sustaining a myocardial infarction. Assuming an uncomplicated medical course, how long would a patient typically stay in a phase I program ? (Physical Rehabilitation/Sullivan/20thEd/Pg.617)

Ans(A) (a) 3-5 days (b) 7-12 days
(c) 16-20 days (d) 24-30 days

Q. 2 A patient is referred to physical therapy after sustaining a complete tear of the anterior cruciate Ligament. The patient ligament injury is best describe as a: (Jayant Joahi /reprint 2009/Pg. 31)

Ans(A) (a) Grade III sprain (b) Grade I sprain
(c) Grade I strain (d) Grade III strain

Q. 3 Milwaukee Brace is used in:

(Essential orthopedics/maheshawari/3rd Ed/Pg.235)

Ans.(D) (a) fracture skull (b) Fracture tibia
(c) CTEV (d) Scoliosis

Q. 4 In talipes equinovarus foot is in : (Ebnezar/1st Ed /Pg.342)

Ans.(C) (a) Plantarflexion & eversion (b) Dorsi flexion & eversion
(c) Plantar flexion & inversion (d) Dorsi flexion & inversion

Q. 5 The Etiology of periarthrits of shoulder is :

(Therapeutic Exercise/Klner/5th Ed./Pg.488)

Ans.(D) (a) Degenerative Cartilage in glenoid cavity
(b) Infection of shoulder joint
(c) Fracture of neck of humerus
(d) Idiopathic

Q. 6 A therapist completes a pulmonary function test on a male patient admitted to the hospital three days ago. Assuming normal valves, the patient's residual volume should be approximately – percent of the total lung capacity? (A.K. Jain/Physiology/3rd Ed./Pg. 435-36)

- Ans.(B)
- | | |
|--------|--------|
| (a) 10 | (b) 25 |
| (c) 35 | (d) 50 |

Q. 7 Secretion removal techniques are often a necessary component of a pulmonary rehabilitation program, which pulmonary disease is usually associated with change in the composition of the secretion?

(Tidys physiotherapy/12th Ed./Pg.200)

- Ans.(D)
- | | |
|------------------------|---------------------|
| (a) Asthma | (b) Bronchiectasis |
| (c) Chronic bronchitis | (d) Cystic fibrosis |

Q. 8 Anterior interosseous nerve is a branch of which nerve?

(Human Anatomy/B.D.Chourasia/Pg.111)

- Ans.(C)
- | | |
|------------------|-----------------------------|
| (a) Radial Nerve | (b) Ulnar Nerve |
| (c) Median Nerve | (d) Musculo cutaneous Nerve |

Q. 9 Average PH of water in the therapeutic pool:

(Physical agent in rehabilitation cameroon/2nd Ed./Pg.180)

- Ans.(C)
- | | |
|-------------|-------------|
| (a) Ph 3.75 | (b) Ph 5.75 |
| (c) Ph 7.75 | (d) Ph 9.75 |

Q. 10 Which of the following statement regarding interferential current therapy is true? (Electrotherapy simplified/Nanda/1st Ed/Pg.258)

- Ans.(B)
- (a) Bipolar method does not provide Endogenous interferential current.
 - (b) In quadric polar technique the current at the electrode skin interference is modulated.
 - (c) In quadric polar approach the stimulus is stronger on the skin.
 - (d) Bipolar method is difficult & time consuming.

Q. 11 In tissue heating by SWD, complex permittivity is dependent upon:
(Electrotherapy simplified/Nanda/1st Ed/Pg.322)

- Ans.(C)
- (a) Duration of application
 - (b) Intensity
 - (c) Frequency
 - (d) None of the above

Q. 12 The choice of modality to treat painful joints of hand of a rheumatoid arthritic patient is :

(Electrotherapy simplified/Nanda/1st Ed/Pg.1280)

- Ans.(D)
- (a) Hot packs
 - (b) Infrared rays
 - (c) Microwave Diathermy
 - (d) Paraffin wax bath

Q. 13 Tissue of high collagen content are affected to a greater extend by ultrasound energy. Which tissue would you expect to absorb the most ultrasound energy ?

(Physical agent in rehabilitation/Cameroon/2nd/ Pg.191)

- Ans.(A)
- (a) Bone
 - (b) Muscle
 - (c) Tendon
 - (d) Skin

Q. 14 The most susceptible peripheral nerve fibers to be affected by cold application are:

(Electrotherapy Clayton/19th Ed/Pg.201)

Ans.(C) (a) B (b) C
(c) A Tm (d) TM

Q. 15 The depth of penetration of luminous infrared is:

(Electrotherapy Clayton/9th Ed/Pg.36)

Ans.(C) (a) 15 mm (b) 3 cm
(c) 2 mm (d) 5-10 mm

Q. 16 A vascular necrosis of head of femur can occur in:

(Essential orthopedics/Maheshwari/2005/Pg.118)

Ans.(C) (a) Sickle cell anemia (b) Caisson's disease
(c) Intracapsular fracture neck (d) trochanteric fracture.

Q. 17 A physical therapist review the medical record of patient who sustained brachial plexus injury. The record states that the medial cord of the brachial plexus was partially served. Which nerve would you expect to be the most seriously affected by the injury ?

(Human anatomy B.D. Chourasia/Vol.1st/4th ED/ Pg. 52)

Ans.(B) (a) Median (b) Axillary
(c) Musculocutaneous (d) medial pectoral

Q. 18 A therapist begins prosthetic training activities for a patient with a transtibial amputation, which of the following is the most appropriate initial activity?
(Jayant Joshi/Pg.245)

- Ans.(D)
- (a) Ascending & descending stair
 - (b) Marching in place
 - (c) Walking on even ground
 - (d) Weight shifting in standing

Q. 19 The 4th cranial nerve is named as:
(Neurology & neurosurgery/Lindsay/4th Ed/Pg. 12)

- Ans.(C)
- (a) Hypoglossal (motor)
 - (b) Olfactory (sensory)
 - (c) Trochlear (motor)
 - (d) Vagus (mixed)

Q. 20 The boutonniere deformity of finger is characterized by ?
(Essential orthopedics/Maheshwari/Pg.246)

- Ans.(A)
- (a) Inability to completely extend PIP joint.
 - (b) Inability to completely flex PIP joint.
 - (c) Both (a) & (b)
 - (d) Inability to completely flex MP joint.

Q. 21 Treatment for CTEV should start at the age of:
(Essential orthopedics/Maheshwari/3rd ED/Pg.196)

- Ans.(C)
- (a) 2 weeks
 - (b) 1 Month
 - (c) Soon after birth
 - (d) 9 month

Q. 22

One of the function of basal ganglia is to:

(Human anatomy/B.D. Chourasia/Vol.3rd/4th ED/ Pg. 316)

Ans.(A)

- (a) Increase the muscle tone
- (b) Produce small jerky movement
- (c) Inhibit stretch reflex
- (d) Control auditory function

Q. 23

The stance phase comprises of the following percentage of gait cycle during normal walking:

(Joint structure & function/Norking/Pg.438)

Ans.(A)

- (a) 60%
- (b) 50%
- (c) 75%
- (d) 25%

Q. 24

The body's center of gravity in an adult normally has & down movement of

(Joint structure & function/Norking/Pg.449)

Ans.(B)

- (a) 1.5 inch
- (b) 2.5 inch
- (c) 3.5 inch
- (d) 4.5 inch

Q. 25

A physical therapy treatment plan for a patient rehabilitating from an anterior shoulder dislocation includes progressive resistive exercises, which muscle groups should be emphasized during rehabilitation?

(Jayant Joshi/Reprint 2009/Pg.80)

Ans.(D) (a) Abductors, lateral rotators

- (b) Adductors, lateral rotators
- (c) Adduction, medial rotators
- (d) Abductors, medial rotators

Q. 26 Following THR the following position of the hip joint is avoided:

(Jayant Joshi/Pg.208)

Ans.(C) (a) Flexion, adduction & internal rotation

(b) Flexion, abduction & external rotation

(c) Flexion, abduction & internal rotation

(d) Flexion, adduction & external rotation

Q. 27 Prolonged immobilization can produce all of the following except.

(Therapeutic exercise/kisner/5th Ed. Pg. 66-890)

Ans.(D) (a) Osteoporosis (b) Joint stiffness

(c) Kidney (d) Gallstones

Q. 28 The life span of a red blood cells is :

(Text book of physiology/A.K. Jain/3rd Ed/Pg.47)

Ans.(D) (a) 12 weeks (b) 12 days

(c) 60 days (d) 120 days

Q. 29 In myositis ossificans traumatic at elbow:

(Therapeutic exercise/kisner/5thEd./Pg.574)

Ans.(A) (a) Forced passive mobilization should not be given.

(b) Forced passive mobilization should be given.

(c) Forced passive mobilization should be given after application of IFT.

(d) Forced passive mobilization should not be given under GA.