

Printing Pages : 2

Paper Code : BPT - 401

(A) SVSU 2023-24/R

Enrollment No.

Bachelor of Physiotherapy (BPT)

4th Year Examination

Subject - Musculoskeletal Physiotherapy

Paper Code : BPT - 401

Time : 3 hours

Note: Attempt the all question as per the instructions.

Max. Mark : 70,

Section A (MCQ's)

MCQ's - Attempt all questions.

(20x1=20)

Q1- Following Synovectomy -----

- A. Immobilization is given till stitch removal
- C. Immobilization is given for 3 weeks

- B. Immobilization is given for six weeks
- D. Active movements can be initiated after 48- 72 hours...

Q2- HLA B-27 is positive in

- A. Ankylosing Spondylitis
- B. Lumbar Spondylitis
- C. Thoracic Outlet Syndrome
- D. Both (A) & (B)

Q3- ----- is the characteristics of muscle spasm.

- A. Limitations of active movements with pain
- B. Limitation of passive movement
- C. Limitation of joint play
- D. All of the above

Q4- The primary indication of joint replacement is

- A. Effusion
- B. Limited ROM
- C. Muscle atrophy
- D. Pain.

Q5- ----- may give rise to secondary OA of hip..

- A. LLD
- B. Capsular tightness
- C. Fixed flexion deformity
- D. All of the above..

Q6- Brodie's abscess in a form of

- A. Acute osteomyelitis
- B. Chronic osteomyelitis
- C. Tuberculosis
- D. Syphilis

Q7- Which test is used to Screen for Osteoporosis?

- A. Blood test
- B. Bone density Test
- C. Urine test
- D. All of above..

Q8- Acute Osteomyelitis usually begins at

- A. Epiphysis
- B. Metaphysis
- C. Diaphysis
- D. All of above

Q9- Which is the stage of Frozen Shoulder?

- A. Painful stage
- B. Freezing stage
- C. Thawing stage
- D. All of above

Q10- How does the International Classification of Diseases (ICD) assist in identifying disease type?

- A. It is founded on a hierarchical classification system
- B. The document has a phone number with which health organizations can call to receive diagnostic help
- C. The ICD is used as a statistical clearing house rather than a classification system.
- D. It discusses different types of functioning that provides regional health systems with a means of defining health

Q11- Green stick fracture is seen in

- A. Adult
- B. Children
- C. At any age
- D. elderly

Q12- Ricket is due to deficiency of

- A. Vit A
- B. Vit B
- C. Vit C
- D. Vit D

Q13- Drop arm test indicates _____

- A. Weakness of deltoid
- B. Rupture of supraspinatus
- C. Positive painful arc
- D. None

Q14- VIC following fracture supracondylar of humerus results from _____.

- A. injury to brachial artery by the projected sharp proximal segment of humerus
- B. tight plaster
- C. excessive elbow flexion during immobilization
- D. all of the above

Q15- Primary fault in gout is impaired excretion by kidney of

- A. Uric acid
- B. Adenine
- C. Guanine
- D. Cytosine

Q16- Diagnosis of bone tumor can be confirmed by

- A. Biopsy
- B. Radiograph
- C. Clinical examination
- D. Blood chemistry

Section – B (Short Answer questions)

Question 2 - Attempt any five questions

(5*2=10)

- (a) Osteotomy
- (b) NPRS
- (c) SLR Test
- (d) Tennis Elbow
- (e) Deformities of Hip Joint
- (f) Non Union

Question 3 – Attempt any two questions

(2*5=10)

- (a) Write in brief about Rheumatoid Arthritis.
- (b) Types of Breathing Exercises
- (c) Write Arthroscopy in detail

Section – C (Long Answer questions)

Question 4 - Attempt any two questions

(2*15=30)

- (a) Explain Neck of femur fracture in details along with its PT management
- (b) Write down about Amputation in detail with its PT Management?
- (c) Explain Supracondylar fracture along with its PT Management?

Q-6 - Which of the following is an early sign of a stroke that would prompt the need for neurological physiotherapy?

- a) Difficulty swallowing
- b) Sudden onset of weakness or paralysis on one side of the body
- c) Unexplained pain in the abdomen
- d) Loss of balance when standing

Q7- Which of the following is a common treatment for spasticity in patients with neurological disorders?

- a) Passive range of motion exercises
- b) Stretching and positioning
- c) Taping and bracing
- d) All of the above

Q8- Which of the following conditions would most likely require the use of the Modified Ashworth Scale?

- a) Stroke
- b) Alzheimer's disease
- c) Spinal cord injury
- d) Multiple sclerosis

Q9- The goal of neurodevelopmental therapy (NDT) in pediatric neurological rehabilitation is to:

- a) Increase the child's cognitive abilities
- b) Facilitate normal movement patterns and posture
- c) Focus on social skills development
- d) Improve muscle bulk

Q10- What type of exercises is commonly prescribed in neurological physiotherapy to improve proprioception in patients with multiple sclerosis (MS)?

- a) High-intensity aerobic exercises
- b) Coordination and balance exercises
- c) Strength training with heavy weights
- d) Static stretches for flexibility

Q11- Which of the following is *not* typically associated with MS?

- A. Fatigue
- B. Spasticity
- C. Heat sensitivity
- D. Muscle hypertrophy

Q12- The following are common associated conditions in CP *except*:

- A. Epilepsy
- B. Intellectual disability
- C. Progressive muscular dystrophy
- D. Vision and hearing impairments

Q13- Which of the following is a characteristic feature of spastic cerebral palsy?

- A. Involuntary movements
- B. Low muscle tone
- C. Uncoordinated movements
- D. Increased muscle tone and reflexes

Q14- The most common type of cerebral palsy is:

- A. Ataxic
- B. Athetoid
- C. Spastic
- D. Hypotonic

Q15- Cerebral palsy is best described as:

- A. A progressive neurological disorder
- B. A non-progressive disorder of the developing brain
- C. A degenerative spinal cord condition
- D. An inherited muscular disorder

Q16- Which of the following scales is used to assess spasticity?

- A. Modified Ashworth Scale
- B. Glasgow Coma Scale
- C. Barthel Index
- D. Berg Balance Scale

Q17- What is the function of the basal ganglia in motor control?

- A. Initiation and coordination of movement
- B. Maintenance of posture
- C. Transmission of sensory input
- D. Reflex integration

Q18- In patients with cerebella lesions, which of the following symptoms is most commonly observed?

- A. Resting tremor
- B. Spasticity
- C. Ataxia
- D. Rigidity

Q19- In Parkinson's disease, which of the following is a common motor symptom?

- A. Hemiparesis
- B. Spasticity
- C. Bradykinesia
- D. Dysdiadochokinesia

Q20- What is Spinal Bifida?

- A) A type of brain tumor
- B) A birth defect where the spine and spinal cord don't form properly
- C) A viral infection affecting the spinal cord
- D) A degenerative bone disease

- Q20- Complication of mechanical ventilation is
 A. Septicemia
 B. Pulmonary hemorrhage
 C. Intracranial hemorrhage
 D. All of above

Section – B (Short Answer questions)

Question 2 - Attempt any five questions (5*2=10)

- (a) Lung abscess
- (b) Cystic fibrosis
- (c) Emphysema
- (d) PEP therapy
- (e) Humidification
- (f) Chest physiotherapy

Question 3 – Attempt any two questions (2*5=10)

- (a) PT management of COPD
- (b) Explain pre & post operative PT care
- (c) PT management of Pneumonia

Section – C (Long Answer questions)

Question 4 - Attempt any two questions (2*15=30)

- (a) Define bronchiectasis? Causes, clinical, PT assessment & management?
- (b) Explain Respiratory failure & types. Clinical feature & PT management?
- (c) Discuss about Bronchial asthma? Classification, etiology, clinical feature, medical & PT management?

Printing Pages : 4

Paper Code : BPT- 403

(B) SVSU 2024-25/R

Enrollment No.

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Bachelor of Physiotherapy (BPT)

4th Year Examination

Subject – Cardio Respiratory Physiotherapy

Paper Code : BPT -403

Time : 3 hours

Max. Mark : 70,

Note: Attempt the all question as per the instructions.

Section A (MCQ's)

MCQ's - Attempt all questions.

(20x1=20)

Q1- Frequency of postural drainage per day is

- A. Once a day
- B. Twice a day
- C. Two to three times a day
- D. On alternate days

Q2- Clinical sign of respiratory disorder is

- A. Stridor
- B. Nasal flaring
- C. Abnormal breath sound
- D. All of above

Q3- Normal level of oxygen saturation in humans is

- A. 100 %
- B. 90%
- C. 75%
- D. 55%

Q4- Most common cause of COPD is

- A. Asthma
- B. Chronic Bronchitis
- C. Emphysema
- D. Smoking

Q5- Cardiac rehabilitation is indicated for

- A. Post MI
- B. Post CABG
- C. Angina
- D. All of above

Q6- How many phases are there in cardiac rehabilitation

- A. Two
- B. Three
- C. Four
- D. Five

Q7- Which of the following breath sounds is associated with upper airway obstruction?

- A. Rhonchi
- B. Stridor
- C. Vesicular
- D. Bronchovesicular

Q8- Which of the following is a normal breath sound heard over most of the lung fields?

- A. Vesicular breath sound
- B. Bronchial breath sound
- C. Stridor
- D. Wheeze

Q9- A high-pitched, musical breath sound usually heard during expiration is called:

- A. Crackle
- B. Wheeze
- C. Rhonchi
- D. Stridor

Q10- Which of the following is NOT a type of humidifier?

- A. Bubble humidifier
- B. Ultrasonic humidifier
- C. Heat and moisture exchanger
- D. Pulse oximeter

Q11- Which of the following is a classic symptom of asthma?

- A. Chest pain
- B. Productive cough with blood
- C. Wheezing
- D. Clubbing of fingers

Q12- Peak expiratory flow rate (PEFR) in asthma is

- A. Increased
- B. Normal
- C. Decreased
- D. Unaffected

Q13- Which test is commonly used to diagnose and monitor asthma?

- A. Chest X-ray
- B. Spirometry
- C. ECG
- D. CT scan

Q14- Usually suction pressure for adults

- A. 80mmHg
- B. 100mmHg
- C. 120mmHg
- D. 70mmHg

Q15- Which type of lung resection removes an entire lobe of the lung?

- A. Pneumonectomy
- B. Segmentectomy
- C. Lobectomy
- D. Wedge resection

Q16- Which organ is primarily affected by tuberculosis?

- A. Liver
- B. Lungs
- C. Kidneys
- D. Brain

Q17- Which of the following is NOT measured directly by spirometry?

- A. Forced Vital Capacity (FVC)
- B. Forced Expiratory Volume 1 (FEV1)
- C. Residual Volume (RV)
- D. Peak Expiratory Flow Rate (PEFR)

Q18- Which of the following is NOT an airway clearance technique?

- A. ACBT
- B. Autogenic Drainage
- C. Diaphragmatic Breathing
- D. None of these

Q19- Chest physiotherapy is contraindicated in

- A. Pulmonary embolism
- B. Recent hemoptysis
- C. Severe hypertension
- D. All of above

Printing Pages :3

Paper Code : BPT - 404

(C) SVSU 2024-25/R

Enrollment No.

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Bachelor of Physiotherapy (BPT)

4th Year Examination

Subject - Community Physiotherapy

Paper Code: BPT -404

Time: 3 hours

Max. Mark: 70,

Note: Attempt the all question as per the instructions.

Section A (MCQ's)

MCQ's - Attempt all questions.

(20x1=20)

Q1- In disability assessment, the term disability covers

- a) Impairment
- b) Activity limitation
- c) Participation restrictions
- d) All of above

Q2- Disability includes the features of

- a) Person's body
- b) Society of person
- c) Both of above
- d) None of above

Q3- Disability can be explained with

- a) Medical model
- b) Social model
- c) Charity model
- d) All of above

Q4- Role of physiotherapists in prosthetics and orthotics is

- a) Prescription
- b) Training
- c) Check outs
- d) All of above

Q5- How much minimum lower extremities muscle power is required for ambulation

- a) 2/5
- b) 3/5
- c) 4/5
- d) 5/5

Q6- Indian health care delivery system works with

- a) Primary health care
- b) Secondary health care
- c) Tertiary health care
- d) All of above

- Q7- Primary health care centres are located in
- Rural area
 - Urban area
 - Both of above
 - None of above
- Q8- Specialized intensive health care is available at
- Primary health care
 - Secondary health care
 - Tertiary health care
 - All of above
- Q9- Main feature of health care is
- Personal health care
 - Community health care
 - Combined health care
 - All of above
- Q10- Leading cause of disability and decreased function is
- Arthritis
 - Stroke
 - Heart disease
 - Fractures
- Q11- Professional definition of pathologic process is
- Illness
 - Disease
 - Treatment
 - Management
- Q12- Largest service industry in our country is
- Health care industry
 - Hotel industry
 - Banking industry
 - All of above
- Q13- Proportion of a particular population found to be affected by a medical condition is known as
- Incidence
 - Prevalence
 - Epidemic
 - Endemic
- Q14- A Sensitive test helps to
- Rule out disease
 - Confirm the disease
 - Treat the disease
 - Neglect the disease
- Q15- World health organization
- Monitors health care
 - Initiate health care
 - Both of above
 - None of above

- Q16- Head quarter of WHO is located at
- Geneva
 - Helsinki
 - London
 - Washington
- Q17- Role of community physiotherapist is
- Health promotion
 - Awareness
 - Rehabilitation
 - All of above
- Q18- International day of people with disability is observed on
- 7 September
 - 3rd October
 - 3rd November
 - 3rd December
- Q19- World physiotherapy day is observed on
- 8 September
 - 8 October
 - 8 November
 - 5 December
- Q20- World stroke day is observed on
- 29 October
 - 7 October
 - 5 October
 - 10 October

Section – B (Short Answer questions)

Question 2 - Attempt any five questions (5*2=10)

- Write W.H.O definition of health?
- What are the principles of aerobic training?
- Role of NGO in community welfare.
- Levels of prevention.
- Grades of obesity.
- Define health & fitness.

Question 3 – Attempt any two questions (2*5=10)

- Difference between I.B.R & C.B.R
- Describe the primary health center.
- Vocational rehabilitation team.

Section – C (Long Answer questions)

Question 4 - Attempt any two questions (2*15=30)

- Define aging. Theories & physiological changes in metabolic disorder.
- Discuss the advantage & disadvantages of I.B.R & C.B.R. Role of physiotherapist in community based rehabilitation?
- Define impairment, handicap & disability. Discuss the various levels of prevention of disability.

Printing Pages : 1

Paper Code : BPT-405

(B) (SVSU) : 2023-2024/R/S

Enrollment No.

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Bachelor of Physiotherapy (BPT)

4TH Year Examination

Subject – Research Methodology & Biostatistics

[Time : 1.30 hours

Max. Mark : 35]

Note: Attempt the all question as per the instructions. Draw labelled diagrams wherever necessary.

Part A

Section A (MCQ's)

Question 1- Attempt all questions.

(5*1=5)

1- Which is not a type of descriptive study

- a) case control
- b) cohort
- c) case report
- d) RCT

2- Experimental study also known as

- a) case control
- b) cohort
- c) case report
- d) interventional study

3- Informed consent is typically obtained:

- a) during an experiment
- b) before an experiment
- c) after an experiment
- d) it is not typical to obtain informed

4- What are the elements of full informed consent.

- a) The nature of the decision/procedure
- b) The relevant risks, benefits, and uncertainties related to each alternative
- c) The acceptance of the intervention by the patient
- d) All of the above

5- Duties of physicians to the sick

- a) Confidential
- b) Loyal
- c) humanitarian duty
- d) All of the above

Section – B (Short Answer questions)

Question 2 - Attempt all questions

(2*2=4)

- (a) Pilot study
- (b) Define validity

Question 3 – Attempt any two questions

(5*2=10)

- (a) Case control study design
- (b) Formulating a research proposal
- (c) Ethical issues in conducting health research

Part B Biostatistics

Section A (MCQ's)

Question 1- Attempt all questions.

(5*1=5)

- 1- Which of the following is a measure of location?
 - a) Variance
 - b) Mean
 - c) P-value
 - d) Median
- 2- The degrees of freedom for the Chi Square test statistic when testing for independence in a contingency table with 4 rows and 4 columns would be:
 - a) 5
 - b) 7
 - c) 12
 - d) 9
- 3- If the data contains an extreme value, the suitable average is:
 - a) Mean
 - b) Weighted mean
 - c) Median
 - d) Geometric mean
- 4- Fifteen percent of the students in a school of Business Administration are majoring in Economics, 20% in Finance, 35% in Management, and 30% in Accounting. The graphical device(s) which can be used to present these data is (are)
 - a) a line graph
 - b) only a bar graph
 - c) Only a pie chart
 - d) both a bar graph and a pie chart
- 5- The following numbers give the incubation period in days in ten consecutive patients of infectious hepatitis: 26,22,36,15,27,19,24,18,23,25. Then mean is
 - a) 23.5
 - b) 19.5
 - c) 33.7
 - d) 24

Section – B (Short Answer questions)

Question 2 - Attempt any three questions

(3*2=6)

- (c) Stratified Random Sampling
- (d) Median
- (e) Correlation
- (f) Type I and Type II error

Question 3 – Attempt any one questions

(1*5=5)

- (d) Measure of Central Tendency
- (e) Normal Distribution

EnrollmentNo.

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Bachelor of Physiotherapy (BPT)

4th Year Examination

Subject – Principles of Bioengineering

Paper Code : BPT -406

Time : 1.30 hours

Max. Mark : 35,

Note: Attempt the all question as per the instructions.

Section A (MCQ's)

Question 1- Attempt all questions.

(10*1=10)

1- Syme's amputation is performed at the:

- a) Knee
- b) Ankle
- c) Foot toes
- d) Mid-thigh

2-Orthosis prescribed in rheumatoidarthritis patients is.

- a) Static Orthosis
- b) Static progressive
- c) Dynamic splints
- d) All of above

3- Material used for the preparation of a splint or orthosis is

- a) High temperature thermoplastic
- b) Low temperature thermoplastic
- c) Both of above
- d) None of above

4-The main function of a KAFO is:

- a) Reduce wrist drop
- b) Correct hip dislocation
- c) Stabilize knee and ankle
- d) Manage scoliosis

5- Modified Barthel index is usually preferred to asses ADL of patients at

- a) Hospital
- b) Home
- c) Community
- d) All of above

6-Which of the following is a component of a prosthetic hand?

- a) AFO
- b) Terminal device
- c) Milwaukee brace
- d) TLSO

7-LSO stands for:

- a) Lumbar Sacral Orthosis
- b) Lower Shoulder Orthosis
- c) Left Side Orthosis
- d) Lumbo Spine Opening

8- Physiotherapy intervention for burns contracture is

- a) Massage
- b) ROM Exercises
- c) Positioning
- d) All of above

9-The Hip Knee Ankle Foot Orthosis (HKAFO) includes:

- a) Shoulder and spine
- b) Upper limb joints
- c) Entire lower limb
- d) Just the ankle

10- Disadvantage of orthosis is

- a. Produces calluses
- b. Produce skin ulceration
- c. Reduces bone density
- d. All of above

Section – B (Short Answer questions)

Question 2 - Attempt any five questions (5*2=10)

- (a) Symes amputation
- (b) Types of Spinal Orthosis
- (c) HAKFO
- (d) Myoelectric Hand
- (e) Jaipur Foot
- (f) Rehabilitation Team

Question 3 – Attempt any five questions (5*3=15)

- (a) Principle of Jordon
- (b) Amputation
- (c) Lumbar Orthosis
- (d) Cervical Orthosis
- (e) Above knee Prosthesis
- (f) Radial Nerve Injury

- 7-What role does benchmarking play in health care quality management?
- A) It is a method for compliance reporting
 - B) It allows organizations to compare their performance against best practices or standards
 - C) It focuses entirely on financial data
 - D) It measures individual employee output
- 8-Which regulatory body is commonly responsible for health care quality assurance in many countries?
- A) The Federal Reserve
 - B) The Centers for Disease Control and Prevention (CDC)
 - C) The Joint Commission
 - D) The Environmental Protection Agency (EPA)
- 9-Which of the following is a common source of funding for physiotherapy services in many healthcare systems?
- A) Private donations
 - B) Public health insurance programs
 - C) Out-of-pocket payments by patients
 - D) All of the above
- 10-Which of the following is a key benefit of implementing health information technology in physiotherapy?
- A) Increased paperwork for practitioners
 - B) Improved patient engagement and outcomes
 - C) Higher costs for service delivery
 - D) Longer treatment times

Section – B (Short Answer questions)

Question 2- Attempt any five questions (5*4=20)

- (a) Why is time management important?
- (b) What are the goals of a pulmonary rehabilitation program?
- (c) What methods can be used to measure the quality of services provided?
- (d) What are the different methods of maintaining records?
- (e) How can physiotherapists enhance their skills and knowledge throughout their careers?
- (f) How can private clinics engage better with the community?

Question 3 - Attempt any four questions (4*5=20)

- (a) What type of equipment is essential for a therapeutic gym?
- (b) How does patient feedback contribute to quality assurance efforts?
- (c) What are some common challenges faced in managing quality in healthcare delivery?
- (d) What challenges do physiotherapists face when implementing new technologies?
- (e) What career advancement opportunities are available for physiotherapists?

(A) SVSU 2024-25/R

Enrollment No.

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Bachelor of Physiotherapy (BPT)

4TH year Examination

Subject – Advance professional practice and ethics

Paper Code : BPT -408

Time : 2 hours

Max. Mark : 50,

Note: Attempt the all question as per the instructions.

Section A (MCQ's)

Question 1- Attempt all questions.

(10*1=10)

- 1- WCPT stands for
 - a) World Canadian physical therapist
 - b) World cafederation for physiotherapist
 - c) World cafederation for physical therapy
 - d) World cafederation for physical of physical therapist
- 2- The basic rule of professionalism is "not knowingly to do"
 - a) Harm
 - b) Work
 - c) Competition
 - d) Copying
- 3- Which of this is not a major pillar of professionalism?
 - a) Altruism
 - b) Competence
 - c) Excellance
 - d) Humanism
- 4- Which of the following is not the characteristics of professionalism?
 - a) Kindness
 - b) Competency
 - c) Morality
 - d) Complacency
- 5- A set of guiding principles that governs the course of action of an individual is known as
 - a) Policies and procedure
 - b) Standards of practice
 - c) Code of ethics
 - d) Official protocol
- 6 .Ethics is a conception ofconduct.
 - a) Bad
 - b) Good
 - c) Right
 - d) Right and wrong

[P.T.O.]

7- inner professional team that establish collaborative relationships among doctors, nurses and physiotherapists focus on which one of the following?

- a) Family centered care
- b) Cost effective care
- c) Professionally organized care
- d) Patient- centered care

8- Beneficence include-

- a) To do good
- b) To do harm
- c) Be selfish
- d) To be helpful

9- Autonomy is one of the main principles of bioethics which means-

- a) Selfishness
- b) Self awareness
- c) Self promotion
- d) Self governance

10- All of these are true about non-maleficence principle except-

- a) Includes an obligation not to inflict harm intentionally.
- b) Includes informed consent and truth telling.
- c) Physicians must refrain from providing ineffective treatments or acting with malice towards patients.
- d) Offers little useful guidance to physicians because many beneficial therapies also have serious risks.

Section – B (Short Answer questions)

Question 2- Attempt any five questions

(5*4=20)

- (a) Discuss the role of physiotherapist as a manager.
- (b) Discuss radiological services.
- (c) What are the inter professional communication tools?
- (d) How will you prepare equipment for use?
- (e) Discuss therapist patient relationship.
- (f) What are work ethics?

Question 3 - Attempt any four questions

(4*5=20)

- (a) Write about preparation of patient.
- (b) Define professionalism and why it is important?
- (c) How will you define emergency services?
- (d) What are the regulatory bodies for physiotherapy practice in India and their function?
- (e) Discuss the role of physiotherapist in establishing health care priorities.

Printing Pages : 2

Paper Code : BPT – 409

(C) SVSU 2024-25/R

Enrollment No.

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Bachelor of Physiotherapy (BPT)

4th Year Examination

Subject – ICU Evaluation & Management

Paper Code : BPT -409

Time : 2 hours

Max. Mark : 50,

Note: Attempt the all question as per the instructions.

Section A (MCQ's)

Question 1- Attempt all questions.

(10*1=10)

1- Conventional cardiac transplantation is contra-indication in all conditions, except_____.

- a) Pulmonary vascular disease
- b) Dilated cardiomyopathy
- c) Primary pulmonary hypertension
- d) Complex congenital heart disease.

2- _____ is not a best diagnostic modality in Myocardial infarction.

- a) Chest x ray
- b) ECG
- c) History
- d) Echo cardiogram

3- Cardiac pain typically described as_____.

- a) Sharp
- b) Dull
- c) Stabbing
- d) Pins & needles

4-- Management of guillain barre syndrome _____.

- a) Antifungal therapy
- b) Antivirals
- c) Plasmapheresis
- d) Anti spastics

5- Focal brain injury is due to _____

- a) RTA
- b) Fall
- c) Coup & contrecoup
- d) Direct trauma

6- Which of the following is non – moldable risk factor for stroke_____.

- a) Hypertension
- b) Atrial fibrillation
- c) Age
- d) Smoking

[P.T.O.]

- 7- Severe brain damage scoring in Glasgow comma scale is ____
- a) <8
 - b) <10
 - c) <5
 - d) <15
- 8- Neurological assessment includes all the following components, except ____
- a) Mental function
 - b) Flexibility
 - c) Cranial nerve
 - d) Co-ordination
- 9- Spontaneous eye opening in Glasgow comma scale is ____
- a) 2
 - b) 3
 - c) 4
 - d) 5
- 10- Glasgow comma scale motor response 5 means ____
- a) Flexing
 - b) Extending
 - c) Localizing
 - d) Obeying commands

Section – B (Short Answer questions)

Question 2- Attempt any five questions (5*4=20)

- (a) Write the Management of Pneumonia in ICU
- (b) Write the ICU management of Myocardial Infarction
- (c) What are the Mode of mechanical ventilation
- (d) Define intubation & types
- (e) Explain Hypertension with their Management
- (f) Explain Guillan Barre Syndrome?

Question 3 - Attempt any four questions (4*5=20)

- (a) What is the Role of Physiotherapy in ICU?
- (b) Write the Principles of ICU & types?
- (c) Explain in detail pulmonary edema with management?
- (d) Define head injury with management?
- (e) Explain about the Suctioning & classification?

Printing Pages : 2

Paper Code : BPT – 410 (PS)

(B) SVSU 2024-25/R

Enrollment No.

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Bachelor of Physiotherapy (BPT)

4th Year Examination

Subject – PT in Sports

Paper Code: BPT – 410 (PS)

Time : 1.30 hours

Max. Mark: 35

Note: Attempt the all question as per the instructions.

Section A (MCQ's)

Multiple Choice Questions

(10 x 1 = 10 marks)

- Which of the following is a cardiovascular response to exercise?
 - Decreased heart rate
 - Increased stroke volume
 - Lower blood flow
 - Reduced breathing rate
- Anaerobic exercises primarily use which of these for energy?
 - Oxygen
 - Fat
 - Glucose
 - Vitamins
- What is the term for loss of fitness after stopping exercise?
 - Overtraining
 - Recovery
 - Detraining
 - Rehydration
- Sprain affects which part of the body?
 - Muscle
 - Ligament
 - Bone
 - Cartilage
- Skinfold thickness is measured to estimate:
 - Strength
 - Hydration
 - Bone density
 - Body fat percentage
- Taping helps in:
 - Healing cuts
 - Muscle cramps
 - Joint support
 - Measuring fitness

7. What should be the first step in case of cardiac arrest during sports?
 - a) Give water
 - b) Call coach
 - c) CPR
 - d) Apply ice
8. Heat stroke is caused by:
 - a) Cold temperature
 - b) Dehydration and overheating
 - c) Muscle strain
 - d) Too much sleep
9. Which of these is a flexibility test?
 - a) Step test
 - b) Sit and reach test
 - c) Skinfold test
 - d) VO2 max test
10. A common overuse injury in runners is:
 - a) Wrist sprain
 - b) Tennis elbow
 - c) Shin splints
 - d) Frozen shoulder

Section - B (Short Answer Questions)

Question 2: Attempt any five questions (5x 2 = 10)

- a) What is the use of splint in sports injury?
- b) Elaborate name two common sports injuries.
- c) What does a physiotherapist check during sports assessment?
- d) Why is warm-up important?
- e) What is a sprain?
- f) Write down about Physical Fitness.

Question 3: Attempt any three questions (3x5=15)

- a) Describe the management of acute sports injuries
- b) Describe musculoskeletal injuries of the lower limb in sports.
- c) Write down about ACL injury?
- d) Explain how to prevent sports injuries.

Printing Pages : 2

Paper Code : BPT – 410 (PHC)

(A) SVSU 2024-25/R

Enrollment No.

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Bachelor of Physiotherapy (BPT)

BPT 4TH YEAR EXAMINATION

Subject – Choice Based Course (PT in hand conditions)

Paper Code: BPT 410 (PHC)

Time: 1.30 hours

Max. Mark: 35

Note: Attempt the all question as per the instructions.

Section A (MCQ's)

Question 1- Attempt all questions. (10*1=10)

1- In which condition hyperextension of PIP joint and flexion of the DIP joint occur-

- (a) Mallet finger
- (b) Boutonniere deformity
- (c) Trigger finger
- (d) Swan neck deformity

2- Finkelstein test is performed to detect-

- (a) De Quervain's disease
- (b) Wrist drop
- (c) Carpal tunnel syndrome
- (d) VIC

3- In which condition, flexion of PIP joint and hyperextension of DIP joint occurs-

- (a) Trigger finger
- (b) Mallet finger
- (c) Swan neck deformity
- (d) Boutonniere deformity

4- Which one of the example of extensor tendon injury-

- (a) Trigger finger
- (b) Jersey finger
- (c) Mallet finger
- (d) Both a and b

5-What is the main symptoms of carpal tunnel syndrome-

- (a) Sweaty palms
- (b) Finger stiffness
- (c) Numbness in the fingers
- (d) Hand tremors

[P.T.O.]

- 6- Pronator teres muscle is supplied by
- (a) Cubital tunnel syndrome
 - (b) Erb's palsy
 - (c) Carpal tunnel syndrome
 - (d) Midcarpal instability
- 7- Phalen's test is performed to detect-
- (a) Debate
 - (b) Group discussion
 - (c) Speeches
 - (d) Arguments
- 8- Claw hand is the deformity of-
- (a) Radial nerve injury
 - (b) Median nerve injury
 - (c) Ulnar nerve injury
 - (d) Axillary nerve injury
- 9- VIC is a complication of
- (a) Supracondylar fracture of humerus
 - (b) Radial head fracture
 - (c) Wrist fracture
 - (d) Elbow fracture
- 10- Ape thumb deformity is seen in-
- (a) Radial nerve palsy
 - (b) Median nerve palsy
 - (c) Ulnar nerve
 - (d) Axillary nerve palsy

Section – B (Short Answer questions)

Question 2 - Attempt any five questions (5*2=10)

- (a) How will you define Tinel's sign?
- (b) Explain Golfers elbow?
- (c) Discuss card test.
- (d) Test for tennis elbow.
- (e) Radial nerve palsy.
- (f) Common extensor tendon injuries of hand.

Question 3 – Attempt any three questions (3*5=15)

- (a) Write PT management of median nerve palsy?
- (b) Discuss cubital tunnel syndrome.
- (c) Write in detail about the nerve examination of hand.
- (d) Orthotic management of hand deformities .
