

21/08/22

Printing Pages : 2

Paper Code BPT-201

(C) (SVSU:2022-2023/R)

ENROLLMENT NO.

Bachelor of Physiotherapy (BPT)
2nd Year Examination
Biomechanics & Kinesiology

Max. Marks:70]

[Time: 3:00 Hrs.

NOTE:- ATTEMPT ALL THE QUESTIONS AS PER GIVEN INSTRUCTIONS.

Section A (MCQ's)

(20x1=20)

MCQ's - Attempt all questions.

Q1- Normal range of angle of inclination in hip joint

- a). 120 to 125 degrees
- b) 130 to 135
- c) 140 to 145
- d) None of above

Q2- Which knee joint ligament helps in locking

- a. ACL
- b. PCL
- c. LCL
- d. Posterior capsule

Q3- Normal carrying angle is

- a. 5 to 15 degrees
- b. 15 to 20
- c. 20 to 25
- d. none of above

Q4- Example of first class lever in human body is

- a. stand up on tip toes
- b. bending elbow
- c. nodding at atlanto occipital joint
- d. all of above

Q5- Air goes out of the lungs when intra thoracic pressure is

- a. low
- b. high
- c. medium
- d. all of above

Q6- Genu varum is also known as...

- a- bow leg
- b- knock knees
- c- coxavalga
- d- coxavara

Q7- . Swing phase is _____ % of gait cycle

- a. 40 %
- b. 50 %
- c. 60 %
- d. 70 %

Q8- Flexion and extension occurs in which plane

- a) frontal
- b) sagittal
- c) transverse
- d) horizontal

Q9- Carpals are an example of

- a) long bone
- b) short bone
- c) irregular bone
- d) flat bone

Q10- Strongest ligament of the hip joint

- a) pub femoral
- b) iliofemoral
- c) ischiofemoral
- d) none of the above

Q11- In 1st order lever the arrangement is:

- a) weight in middle, fulcrum and effort point are either end
- b) fulcrum is in middle, weight and effort point are on either end
- c) effort point is in middle, weight and fulcrum are on either end
- d) none of the above

Q12- Which vertebra has odontoid process?

- a) Atlas
- b) Axis

[P.T.O.]

c) Cervical

d) Coccyx

Q13- All of the following are analyzed in linear motions, except

- a) Linear velocity
- b) Acceleration
- c) Inertia
- d) Torque

Q14- Which is the muscle protein

- a) Cholesterol
- b) Lecithin
- c) Erythropoietin
- d) Myosin

Q15- Elevation of glenohumeral joint in the plane of the scapula is known as

- a) Flexion
- b) Abduction
- c) Scaption
- d) None of above

Q16- supination at radioulnar joint is limited by

- a) Oblique cord
- b) Quadrate ligament
- c) Tension in radioulnar ligament
- d) All of above

Q17- Type - 1 fiber is also known as

- a) fast oxidative fiber
- b) fast glycolytic fiber
- c) slow oxidative fiber
- d) none of the above

Q18- Normal value of q angle

- a) 12 to 20 degrees
- b) 5 to 10
- c) 25 to 30
- d) none of the above

Q19- Alar ligament in cervical spine limits

- a. lateral flexion
- b. flexion
- c. extension
- d. rotation

Q20- Normal range of shoulder extension is

- a. 45 to 60 degree
- b. 75 to 80 degree
- c. 90 degree
- d. 100 to 110 degree

Section - B (Short Answer questions)
(5*2=10)

Question 2 - Attempt any five questions

- (a) Closed pack position of the joint
- (b) Functions of patella
- (c) Mandibular motions
- (d) Anteversion and retroversion
- (e) Axes and planes
- (f) Q angle
- (g) Scaption

Question 3 - Attempt any two questions

- (a) Difference of GAIT cycle in walking and running
- (b) Kinetics of the spine
- (c) Effect of immobilization on muscles

(2*5=10)

Section - C (Long Answer questions)
(2*15=30)

Question 4 - Attempt any two questions

- (a) Write Kinematics of the Ribs and Manubriosternum
- (b) Explain dynamic stabilization of the shoulder joint
- (c) Write Kinematics of the hip joint

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Printing Pages : 2

Paper Code : BPT- 202

(A) (SVSU:2021-2022/S)

Enrollment No.

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BPT

2nd YEAR EXAMINATION
EXERCISE THERAPY

Max. Marks:70

Time: 3:00 Hrs.

Note: Attempt the all question as per the instructions.

Section A(MCQ's)

(20x1=20)

MCQ's - Attempt all questions.

- Q1- Manual stretching is contraindicated in
A. Bony block B. Hematoma C. Functional contracture D. All of above
- Q2- Aerobic exercises provide the muscle with more
A. Oxygen B. Water C. Calories D. All of above
- Q3- Joint Mobilization is indicated in
A. Intra articular adhesion B. Percapsular stiffness C. Both of above D. None of above
- Q4- Aerobic exercise strengthens your
A. Heart B. Mind C. Soul D. Body
- Q5- Manual stretching is indicated in
A. Decreased range of motion
B. Before vigorous physical activity
C. Muscle tightness
D. All of above
- Q6- The quantity of joint mobility is graded in terms of
A. Range of motion B. End feel C. MRC D. AAOS..
- Q7- Person credited for Proprioceptive Neuromuscular Facilitation is
A. Kabat B. Voss C. Knot D. All of above
- Q8- Advantage of a correct posture is
A. It can prevent diseases B. Improves confidence C. Minimize chances of injuries D. All of above
- Q9- Scissors gait deviation is seen in patients with
A. Hip adductor spasticity
B. Hip extensor spasticity
C. Hip flexor spasticity
D. All of above
- Q10- Trick movements are performed by a patient when there is
A. Pain B. Weakness C. Paralysis D. All of above
- Q11- Anatalgic gait deviation is seen in patients with
A. Pain B. Weakness C. Paralysis D. All of above
- Q12- Therapeutic exercise used by physiotherapist is
A. Aerobic exercise B. Resistance exercise C. Home Exercise D. All of above
- Q13- Father of modern Physiotherapy is believed to be
A. Per Henrik Ling B. Hippocrates C. Galen D. None of above
- Q14- The advantages of group therapy _____
A. Time saving for therapist
B. Builds up confidence in patients
C. Maximizes patient's effort and develop competition among the patients
D. All the above
- Q15- In normal standing, line of gravity passes----- the knee joint
A. In front of B. Behind C. Through D. Lateral to
- Q16- An objective of muscle re-education is
A. Activation B. Strength C. Coordination D. All of above
- Q17- Stretching is the _____
A. Slow and sustained forced passive movement
B. Sudden but controlled forced passive movement
C. Relaxed passive movement
D. Manipulation

[P.T.O.]

Q18- End feel of _____ is bony.

- A. Knee extension B. Elbow extension C. Ankle df grades D. Forearm supination

Q19- Kaltenborn has described _____ grades

- B. 4
C. 3
D. 5
E. None of the above.

Q20- Double support phase present at the _____ phase of gait cycle.

- A. Beginning of stance
B. End of stance
C. Beginning and end of stance
D. Mid stance

Section – B(Short Answer questions)

Question 2 - Attempt any five questions

(5*2=10)

- (a) Posture
(b) Functional re-education
(c) Manual Muscle Testing
(d) Nebulization
(e) ACBT
(f) Hydrotherapy

Question 3 – Attempt any two questions

(2*5=10)

- (a) Discuss GAIT along with its parameters.
(b) Define stretching. Write its principle and type.
(c) Explain the physiological effects, indications and contraindications of hydrotherapy

Section – C(Long Answer questions)

Question 4 - Attempt any two questions

(2*15=30)

- (a) Discuss walking aids along with its types, indications and contraindications.
(b) Define Traction. Discuss its types, techniques, indications and contraindications.
(c) Explain joint mobility. Write its principles, techniques, indications and contraindications.

ENROLLMENT NO.

BACHELOR OF PHYSIOTHERAPY (BPT)
2ND YEAR EXAMINATION
ELECTROTHERAPY

[Time: 3:00 Hrs.]

Max. Marks:70]

NOTE:- ATTEMPT ALL THE QUESTIONS AS PER GIVEN INSTRUCTIONS

Section A (MCQ's)

MCQ's - Attempt all questions.

(20x1=20)

Q.1 Gradual reduction in U.S beam in the tissue is known as?

- a) Cavitations
- b) Attenuation
- c) Refraction
- d) Reflection

Q.2 The therapeutic application of heat is known as?

- a) Hellotherapy
- b) Thermotherapy
- c) Cryotherapy
- d) Shortwave diathermy

Q.3 Which can be use in iontophoresis for calcified deposite?

- a) Zinc
- b) Hyaluronidase
- c) Chloride
- d) Acetate

Q.4 Which of the following is/are the effects of electric shock?

- a) Ventricular fibrillation
- b) Burn
- c) Muscle rupture, avulsion fracture of paralysis
- d) All of the above

Q.5 Which of the following factor is determines effects of electric shock?

- a) Type of current, AC is more dangerous than DC
- b) Duration of current exposure and intensity
- c) Duration of current exposure and intensity
- d) All of the above

Q.6 What are the resistances of the dry and wet skin?

- a) 10,000-60,000 ohm and 5,000 ohm respectively
- b) 100,000-600,000 ohm and 1,000 ohm respectively
- c) 10,000-60,000 ohm and 10,000 ohm respectively
- d) 10,00,000-60,00,000 ohm and 10,000 ohms respectively

Q.7 The skin resistance can be reduced before applying electrical stimulation?

- a) Washing the skin by soap and warm water
- b) Massage the part in elevation if edema is present
- c) Soak the part with normal saline
- d) All of the above

Q.8 Sequence of operation of electrotherapy equipments is?

- a) M-mains and machine on, C-clock on, P-power on
- b) P-power on, M-mains and machine on, C-clock on
- c) C-clock on, P-power on, M-mains and machine on
- d) M-mains and machine on, P-power on, C-clock on

Q.9 Burn in electrotherapy occurs due to?

- a) Overdose
- b) Inability to dissipate heat due to peripheral vascular disease
- c) Loss of sensation
- d) All of the above

Q.10 Electrical activity in the cells of the body can be described as?

- a) Conduction current
- b) Convection current
- c) Both conduction and convection
- d) Radiation

Q.11 What is a mechanism of heat transfer?

- a) Conduction
- b) Convection
- c) Conversion
- d) All of the above

[P.T.O.]

- Q.12 What is a contraindication for the use of contrast baths?**
- Rheumatoid arthritis
 - Complex regional pain syndrome
 - Muscular strain
 - Buerger's disease
- Q.13 What is the main mechanism of deep heat transfer via diathermy?**
- Conversion
 - Convection
 - Conduction
 - None of the above
- Q.14 Deep heat modalities include all of the following except:**
- Ultrasound
 - Shortwave diathermy
 - Microwave diathermy
 - Hydrotherapy
- Q.15 What is an indication for Ultrasound?**
- Bursitis
 - Tendinitis (calcify tendinitis)
 - Degenerative arthritis and contracture
 - All of the above
- Q.16 Which one of the following is a contraindication for Ultrasound?**
- Malignancy
 - Near pacemaker
 - Skeletal immaturity
 - All of the above
- Q.17 What is an effect of Ultrasound in the pulsed mode?**
- Standing waves
 - Cavitations
 - Media motion
 - All of the above.
- Q.18 What is an indication for Phonophoresis?**
- Tendinitis
 - Tenosynovitis
 - Lateral epicondylitis (tennis elbow)
 - All of the above
- Q.19 What is an indication for shortwave diathermy?**
- Chronic prostatitis
 - Refractory pelvic inflammatory disease
 - Muscle pain and spasms
 - All of the above
- Q.20 What is an indication for microwave diathermy?**
- Increase heat to muscles
 - Resolution of hematomas
 - Increase heat to joints
 - All of the above-

Section – B (Short Answer questions)

Question 2 - Attempt any five questions

(5x2=10)

- Explain Luminous generator.
- Discuss the Faradism Under pressure.
- Discuss the Therapeutic effect of heat.
- Explain PUVA apparatus.
- Explain the difference between A.C & D.C current.
- Discuss the Electro Magnetic Radiation.

Question 3 – Attempt any two questions

(2x5=10)

- Define SWD along with its Therapeutic effect.
- Explain Physiological effect of UVR.
- Explain High Voltage Currents.

Section – C (Long Answer questions)

Question 4 – Attempt any two questions

(2x15=30)

- Discuss about the IFT along with its Physiological effect and indications.
- Explain about Laser along with its Physiological effects, indication and contraindication.
- Define Faradic currents along with its Physiological & Therapeutic effects and contraindications.

Printing Pages : 2

Paper Code : BPT-204

(A) (SVSU:2022-2023/R)

ENROLLMENT NO.

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Bachelor of Physiotherapy (BPT)
2nd Year Examination
Pathology

Max. Mark : 35

Time : 1.30 hours

Note: Attempt the all question as per the instructions.

Section A (MCQ's)

(10*1=10)

Question 1- Attempt all questions.

1- Diabetic foot is an example of -

- a) Dry gangrene
- b) Wet gangrene
- c) Gas gangrene
- d) Necrosis

2- What type of necrosis is seen in tuberculosis -

- a) Coagulative
- b) Caseous
- c) Fat
- d) Liquefactive

3- Bronchial Asthma is an example of -

- a) Type I Hypersensitivity reaction
- b) Type II Hypersensitivity reaction
- c) Type III Hypersensitivity reaction
- d) Type IV Hypersensitivity reaction

4- Excessive and abnormal accumulation of free fluids in interstitial spaces and serous cavities is known as:

- a) Embolism
- b) Oedema
- c) Congestion
- d) Effusion

5- Which is MOST characteristic component of granuloma?

- a) Epithelioid cell
- b) Lymphocytes
- c) Caseous necrosis
- d) Fibrosis

6- Leprosy is caused by

- a) Mycobacterium tuberculae
- b) Mycobacterium leprae
- c) Mycobacterium bovis
- d) Mycobacterium avium

7- All are the nuclear changes that occur in necrosis except -

- a) Karyolysis
- b) Karyorrhexis
- c) Pyknosis
- d) Apoptosis

[P.T.O.]

8- The most frequent malignant tumor of bone is -

- a) Giant cell tumor
- b) Osteosarcoma
- c) Chondrosarcoma
- d) Multiple myeloma

9- Change of Columnar epithelium of bronchi into mature squamous epithelium is called -

- a) Metaplasia
- b) Dysplasia
- c) Hyperplasia
- d) Neoplasia

10- Iron deficiency anemia is associated with all except -

- a) Macrocytic blood picture
- b) Hook worm infestation
- c) Decreased ferritin levels
- d) Raised total iron binding capacity

Section - B (Short Answer questions)

Question 2 - Write short notes on: (Attempt any five questions)

(5*2=10)

- (a) Types of Necrosis
- (b) Risk factors for atherosclerosis
- (c) Virchows Triad
- (d) Multinodular goitre
- (e) Vitamin D deficiency
- (f) Benign vs Malignant tumors

Question 3 - Discuss in brief : (Attempt any five questions)

(5*3=15)

- (a) Cellular events of acute inflammation
- (b) Etiopathological classification of Anemia
- (c) Pathogenesis of AIDS
- (d) Types of Shock
- (e) Types of pneumonia
- (f) Types of pathologic calcification

24/08/23

Printing Pages : 2

Paper Code : BPT-205

(C) (SVSU:2022-2023/R)

ENROLLMENT NO.

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Bachelor of Physiotherapy (BPT)
2nd Year Examination
Microbiology

Max.Marks: 35,

Time: 1:30 hours

Note: Attempt the all question as per the instructions.

Section A(MCQ's)

(10*1=10)

Question 1- Attempt all questions.

1- When a solid medium contains a substance that inhibits all unwanted bacteria but facilitates the isolation of particular bacteria, it is known as:

- a) Selective medium
- b) Enriched medium
- c) Indicator medium
- d) None of above.

2-Which of the following sterilization conditions are used in autoclave?

- a) 121°C, 15 psi, 15 minutes
- b) 160°C, 20 psi, 20 minutes
- c) 140°C, 10 psi, 15 minutes
- d) None of the above

3-Diagnostic test for syphilis are all EXCEPT:

- a) VDRL
- b) RPR
- c) WIDAL
- d) TPHA

4-The process by which an article, surface or medium is made free of all microorganisms either in vegetative or spore form is known as:

- a) Sterilization
- b) Disinfection
- c) Asepsis
- d) None of the Above

5-What is the mode of transmission for hepatitis A virus?

- a) Faeco-oral route
- b) Parenteral route
- c) Sexual route
- d) None of the above

6-Which of the following member is not a member of the family *enterobacteriaceae*

- a) *Pseudomonas*
- b) *Enterobacter*
- c) *Yersinia enterocolitica*
- d) All of the above

[P.T.O.]

7-Which is the primary stain used in Gram stain:

- a) Crystal violet
- b) Safranin
- c) Acetone
- d) Absolute Alcohol

8-Which antibody is high in allergic reactions:

- a) IgG
- b) IgM
- c) IgA
- d) IgE

9-The antigen combining site present on the antibody molecule is called:

- a) Epitope
- b) Paratope
- c) Hapten
- d) Carrier protein

10-Hot air oven is a type of:

- a) Intermittent Sterilization
- b) Boiling
- c) Pasteurization
- d) Dry heat

Section – B (Short Answer questions)

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

- (a) Innate immunity
- (b) Salmonella typhi
- (c) Laboratory diagnosis of Fungi
- (d) General properties of Enterobacteriaceae
- (e) Antibody
- (f) Precipitation

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

- (a) Describe laboratory diagnosis of Pulmonary tuberculosis.
- (b) General properties of virus
- (c) Draw a well labelled diagram of Ig M antibody.
- (d) Bacterial capsule
- (e) Difference between immediate and delayed type of hypersensitivity reactions.
- (f) Enumerate different types of media

Printing Pages : 2

Paper Code : BPT-206

(B) (SVSU:2022-2023/R)

ENROLLMENT NO.

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Bachelor of Physiotherapy (BPT)

2nd Year Examination

Pharmacology

Time: 1:30 hours

Max.Marks: 35,

Note: Attempt the all question as per the instructions.

Section-A

Quest: 1. Attempt all the MCQs questions. Select the correct choice as applicable. 1 marks each.

1. Which drug is used in treatment of Status epilepticus-
 - a) Carbamazepine
 - b) Valproic acid
 - c) Lamotrigine
 - d) Diazepam
2. Anticholinergic drug is-
 - a) Atropine
 - b) Neostigmine
 - c) Prazosin
 - d) Salmeterol
3. Which of the following drug is used in hypertension -
 - a) Telmisartan
 - b) Ibuprofen
 - c) Dopamine
 - d) Acetylcholine
4. Which of the following is centrally acting muscle relaxant--
 - a) Pancuronium
 - b) Mivacurium
 - c) Diazepam
 - d) Succinylcholine
5. Therapeutic uses of Terbutaline is-
 - a) Meningitis
 - b) Typhoid
 - c) Bronchial asthma
 - d) Acute gouty arthritis
6. Etadolac belongs to-
 - a) NSAIDs
 - b) opioids
 - c) Antihistaminics
 - d) Anticholinergic

[P.T.O.]

7. Rabeprazole belongs to-
- a) Proton pump inhibitor drug
 - b) H₂ antihistamines
 - c) Anticholinergic drug
 - d) Prostaglandin analogue
8. Which drug belongs to Angiotensin receptor blocker-
- a) Telmisartan
 - b) Captopril
 - c) Amlodipine
 - d) Lisinopril
9. Calcium channel blocker drug are-
- a) Propranolol
 - b) Captopril
 - c) Amlodipine
 - d) All the above
10. All the following drugs are used in treatment of leprosy, **EXCEPT-**
- a) Dapsone
 - b) Penicillin
 - c) Rifampin
 - d) Clofazimine

Section-B

Ques.2: Enumerate uses and adverse effects of any FIVE, of the following-. (5X2=10) .

- a) Bromhexine
- b) Cefixime
- c) Phenytoin
- d) Dopamine
- e) Pancuronium
- f) Methylprednisolone

Ques. 3. Write the drug treatment of the following. Attempt any THREE

- a) Rheumatoid arthritis
- b) Urinary tract infection
- c) Multibacillary leprosy
- d) Hypersensitivity type I reaction
- e) A new case of Tuberculosis
- f) Acute left ventricular failure

(3X5=15)

Printing Pages : 2

Paper Code : BPT-207

(A) (SVSU:2022-2023/R)

ENROLLMENT NO.

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Bachelor of Physiotherapy (BPT)
2nd Year Examination
Psychiatry

Time: 1:30 hours

Max.Marks: 35,

Note: Attempt the all question as per the instructions.

Section A(MCQ's)

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

1. Fear of pain is termed as?
 - a. Algophobia
 - b. Zoophobia
 - c. Agoraphobia
 - d. Xenophobia
2. How does norepinephrine relate to depression?
 - a. Decreases in depression
 - b. Increases in depression
 - c. Remains unchanged in depression
 - d. No relation with depression
3. Exaggerated self-importance is a feature of which delusion?
 - a. Somatic delusion
 - b. Delusion of grandeur
 - c. Delusion of reference
 - d. All of the above.
4. Which among the following types of schizophrenia is thought to have the worst prognosis?
 - a. Residual
 - b. Hebephrenic
 - c. Catatonic
 - d. Paranoid
5. Pharmacological management of OCD is with which medicines?
 - a. Antipsychotics
 - b. Antidepressants
 - c. Antimanic
 - d. Stimulants
6. Which among the following is a first-generation antipsychotic?
 - a. Clozapine
 - b. Olanzapine
 - c. Chlorpromazine
 - d. Quetiapine
7. In following which is not a disturbance of consciousness-
 - a) Stupor
 - b) Hallucination
 - c) Confusion
 - d) Coma

[P.T.O.]

8. Perception of a stimulus in the absence of an actual stimulus is known as-
- a) Illusion
 - b) Hallucination
 - c) Verbigeration
 - d) Delusion
9. Not a correct match-
- a. Auditory hallucination-Alcoholism
 - b. Delusion of infidelity- OCD
 - c. Thought broadcasting – Schizophrenia
 - d. Delusion of grandiosity- Mania
10. Risk factors for suicide include-
- a. Initial stages of recovery from depression
 - b. Being on Lithium treatment
 - c. Being married
 - d. All the above

Section – B (Short Answer questions)

Question 2 - Attempt any five questions

(5*2=10)

- a) Describe the symptoms of alcohol dependence.
- b) Write in detail about the treatment of schizophrenia.
- c) How will you manage a patient with obsessive-compulsive disorders?
- d) Write in detail about Depression.
- e) Classification in Psychiatry.
- f) Autism

Question 3 – Attempt any five questions

(5*3=15)

- a) Anti-depressant medicines
- b) Panic disorders
- c) Smoking de-addiction
- d) History taking in Psychiatry
- e) Cannabis Dependence
- f) Treatment of anxiety

28/08/23

Printing Pages : 2

Paper Code : BPT-208

(B) (SVSU:2022-2023/R)

ENROLLMENT NO.

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Bachelor of Physiotherapy (BPT)
2nd Year Examination
Psychology

Time: 1:30 hours

Max.Marks: 35,

Note: Attempt the all question as per the instructions.

Section A(MCQ's)

Question 1- Attempt all questions.

(10*1=10)

1- Classical conditioning is associated with

- a) Ivan Pavlov.
- b) C Hull
- c) Thorndike
- d) W Kohler

2- Which is a learning process

- a) Verbal learning
- b) Motor learning
- c) Cognitive learning
- d) All of above

3- part of the eye

- a) Retina.
- b) Cornea
- c) Lens
- d) All above

4- Developmental psychology studies the changes in human

- a) Physical
- b) Social
- c) Psychological
- d) All above

5-- Which is not a method of learning

- a) Observational learning
- b) Social Learning
- c) Motivation learning
- d) Insight learning

6- - Pairs of chromosomes

- a) 46
- b) 26
- c) 23
- d) 36

7- - A term used in motivation

- a) Needs
- b) Desires
- c) Stimulus
- d) All above

[P.T.O.]

8- - Find out the odd one

- a) Short-term Memory
- b) Long-term memory
- c) Sensory memory
- d) Phone memory

9- - Range of normal I Q

- a) 40 -70
- b) 80 - 110
- c) 90 -110
- d) 35 -75

10- - Which one is a field of psychology?

- a) Clinical psychology
- b) Abnormal psychology
- c) Sports psychology
- d) All above

Section – B(Short Answer questions)

Question 2 - Attempt any five questions

(5*2=10)

- (a) Name the four lobes of cerebral cortex
- (b) What is learning?
- (c) What is short-term memory?
- (d) Describe chromosomes
- (e) What is perception?
- (f) Make a diagram of Maslow's hierarchy of need

Question 3 – Attempt any five questions

(5*3=15)

- (a) Note on developmental stages and human life span
- (b) Impact of frustration on human behaviors
- (c) Explain central nervous system
- (d) Functions of Hypothalamus
- (e) Short note on motor development
- (f) What is verbal learning?

Printing Pages : 1

Paper Code BPT-209

(B) (SVSU:2022-2023/R)

ENROLLMENT NO.

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Bachelor of Physiotherapy (BPT)
2nd Year Examination
Basic Professional Practice & Ethics

Time : 2 hours

Note: Attempt the all question as per the instructions.

Max. Mark : 50,

Section A (MCQ's)

(10*1=10)

Question 1- Attempt all questions.

- 1- the patient has the right to be treated with
 - a) .. Respect
 - b) ..Full payment
 - c) .. full dignity
 - d) .. none of above
- 2- A health care provider should workin the team.
 - a) .. differently
 - b) .. cooperatively
 - c) .. both
 - d) .. none of above
- 3- A paramedic should perform his duty both within and outside
 - a) .. village
 - b) .. home
 - c) .. hospital
 - d) .. all
- 4- health care practitioners should keep personal or private information of the patient as...
 - a) .. confidential
 - b) .. public
 - c) .. a & b
 - d) .. none of above
- 5- ethics is the science of
 - a) ..beauty
 - b) .. truth
 - c) .. conduct
 - d) .. mind
- 6- type of words used for verbal communication?
 - a) .. acronyms
 - b) .. simple
 - c) .. technical
 - d) .. none
- 7-can be presented by face
 - a) .. gestures
 - b) .. body language
 - c) .. both
 - d) .. expressions
- 8- straight body posture shows what
 - a) .. pride
 - b) .. humanity
 - c) .. both
 - d) .. confidence
- 9- sending a letter is which type of communication?
 - a) .. listening
 - b) .. writing
 - c) .. speaking
 - d) .. reading
- 10- the abilities to communicate properly are;
 - a) .. read
 - b) .. write
 - c) .. speak
 - d) .. all of above

Section – B (Short Answer questions)
(5*4=20)

Question 2- Attempt any five questions

- (a) What is the definition of medical risk.
- (b) Discuss ethical code of conduct.
- (c) Describe the role of physiotherapist in clinical field..
- (d) Need of interview skills.
- (e) Highlight the importance of curriculum in clinical area.
- (f) Importance of professionalism.

Question 3 - Attempt any four questions

(4*5=20)

- (a) Importance of morality & ethics .
- (b) Describe the role of communication skills in medical field
- (c) Discuss introduction & history of physiotherapy.
- (d) Highlight the importance of professional dress codes .
- (e) Explain the scope of physiotherapy in medical field

08/05/23

Printing Pages : 1

Paper Code BPT-201

(A) (SVSU:2022-2023/R)

ENROLLMENT NO.

Bachelor of Physiotherapy (BPT)
2nd Year Examination
Biomechanics & Kinesiology

[Time: 3:00 Hrs.

Max. Marks:70]

NOTE:- ATTEMPT ALL THE QUESTIONS AS PER GIVEN INSTRUCTIONS.

Section A (MCQ's)

MCQ's - Attempt all questions.

(20x1=20)

- Q1- Centre of gravity of adult human in the anatomical position is slightly
a. anterior to s1 vertebra b. posterior to s1 vertebra c. anterior to s2 vertebra d. posterior to s2 vertebra
- Q2- Which is not a saddle joint?
a. carpometacarpal of thumb b. ankle c. sternoclavicular d. acromioclavicular
- Q3- Weight of HAT is about _____ % of bodyweight
a. 40 % b. 50 % c. 60 % d. 70 %
- Q4- Normal carrying angle is
a. 5 to 15 degrees b. 15 to 20 c. 20 to 25 d. none of above
- Q5- A pathologic increase of neck shaft angle is
a. Coxavara b. Coxavalga c. Femoral anteversion d. Femoral retroversion
- Q6- Which knee joint ligament helps in locking
a. ACL b. PCL c. LCL d. Posterior capsule
- Q7- Stance phase is _____ % of gait cycle
a. 40 % b. 50 % c. 60 % d. 70 %
- Q8- Degrees of freedom at wrist is
a. one b. two c. three d. four
- Q9- Example of first class lever in human body is
a. stand up on tip toes b. bending elbow c. nodding at atlanto occipital joint d. all of above
- Q10- Air goes in lungs when intra thoracic pressure is
a. low b. high c. medium d. all of above
- Q11- Pathomechanical factor responsible for genu varum is
a. contra lateral shortening b. increased bone pliability c. relaxation of lateral ligaments d. all of above
- Q12- Normal range of wrist extension is
a. 50 degree b. 75 degree c. 90 degree d. 100 degree
- Q13- Alar ligament in cervical spine limits
a. lateral flexion b. flexion c. extension d. rotation
- Q14- The advantage of isometric contraction could be because it....
a- helps for re-education b- help gaining muscle strength c- prepare for dynamic exercise d- all of the above
- Q15- Eccentric muscle work refers to.....
a- lengthening and narrowing of muscle. b- antagonistic group of muscles work to control the movement
c- physiological cost is less, consume less oxygen; so efficient d- all of the above
- Q16- OSTEOKINEMATICS CONSIST OF MOVEMENT OF
a- joint surface b- bones c- both (a) & (b) d- none of the above
- Q17- Squatting is an example of
a- open chain kinetic exercises b- closed chain exercises c- both (a) & (b) d- none of the above
- Q18- Genu valgum is also known as...
a- bow leg b- knock knees c- coxavalga d- coxavara
- Q19- Degree of toe out angle is
a- 10 degree b- 20 degree c- 7 degree d- 12 degree
- Q20- When a inter vertebral disc is in under constant load, it may deformed the supporting structures.
a- creep b- nutation c- counter-nutation d- retroversion

Section - B (Short Answer questions)

(5*2=10)

Question 2 - Attempt any five questions

- Define Osteokinematics & Arthrokinematics
- Tensile force
- Define open kinematic and closed kinematic chain
- Types of muscles contraction
- Carrying angle
- Anteversion and retroversion
- Ligaments of ankle joint

Question 3 - Attempt any two questions

(2*5=10)

- Classification of joints
- Functions of wrist complex
- Pelvic femoral motions
- Kinematics of GAIT Cycle

Section - C (Long Answer questions)

(2*15=30)

Question 4 - Attempt any two questions

- Write the kinetics and kinematics of vertebral column
- Explain Dynamic Stabilization of the Glenohumeral Joint
- Write the kinematics of knee joint.

[P.T.O.]

Q12- Stretching exercise increase the range of motion by the resistance to movement offered by tight muscles and tendons.

- a) straightening
- b) stretching
- c) Increasing
- d) Reducing

Q13- Poor posture affects which body system

- a) Respiratory
- b) Nervous
- c) Circulatory
- d) All of the above

Q14- Which are the names of three different parts of spine?

- a) Cervical, thoracic, lumbar
- b) Isometric, isotonic, isokinetic
- c) Top, middle, bottom
- d) Bottom, middle, Top

Q15- During this phase, leg remains in contact with the ground

- a) Stance phase
- b) Swing phase
- c) Mid stance phase
- d) None of the above

Q16- Circumduction gait results due to insufficient

- a) Ankle & knee movement
- b) Ankle & toe movement
- c) Knee & hip movement
- d) None of the above

Q17- Hamstring muscle is a group of muscles

- a) Semimembranosus
- b) Semitendinosus
- c) Biceps femoris
- d) All of the above

Q18- Postural drainage is the drainage of lung using gravity

- a) mucus
- b) alveoli
- c) Cerebrospinal fluid
- d) fluid

Q19- Diaphragmatic breathing is a breathing that is done by the diaphragm

- a) stretching
- b) suppressing
- c) contracting
- d) puncturing

Q20- Diaphragmatic breathing offers several benefits to your body including:

- a) relaxation
- b) reduce blood pressure
- c) reduce heart rate
- d) all of the above

Section - B(Short Answer questions)

(5*2=10)

Question 2 - Attempt any five questions

- (a) what is Manual Muscle Testing
- (b) what are the Factors affecting Human Posture
- (c) write Any two name of breathing exercises
- (d) define Frenkel' exercises
- (e) Principle of Frenkel's exercise
- (f) Types of Stretching

(2*5=10)

Question 3 - Attempt any two questions

- a) Differentiate between correct and faulty posture?
- b) Describe muscle strength, muscle power and muscle endurance?
- c) Define joint mobilization, techniques, therapeutic effect indication and contraindication?

Section - C(Long Answer questions)

(2*15=30)

Question 4 - Attempt any two questions

- (a) Define postural drainage and write about its techniques? What are the contraindications and indications for postural drainage?
- (b) Explain gait cycle? Write about its parameters?
- (c) Explain principles of muscle strengthening ?Write about strengthening exercises?

ENROLLMENT NO.

BACHELOR OF PHYSIOTHERAPY (BPT)
2ND YEAR EXAMINATION
ELECTROTHERAPY

[Time: 3:00 Hrs.]

Max. Marks:70]

NOTE:- ATTEMPT ALL THE QUESTIONS AS PER GIVEN INSTRUCTIONS

Section A (MCQ's)

MCQ's - Attempt all questions.

(20x1=20)

Q.1 The unit of capacitance is

- a) Ampere
- b) Volt
- c) Farad
- d) None of the above

Q.2 The low frequency current is up to

- a) 1000Hz
- b) 50Hz
- c) 100Hz
- d) None of the above

Q.3 Russian current is

- a) Low frequency
- b) Medium frequency
- c) High frequency
- d) None of the above

Q.4 Faradic current is ____.

- a) An alternating current
- b) A direct current
- c) Interrupted current
- d) Modified current

Q.5 Galvanic current is ____.

- a) An alternating current
- b) A direct current
- c) Interrupted current
- d) Modified current

Q.6 Heat is produced in the body by the effect of _____

- a) Low Frequency Current
- b) Medium Frequency current
- c) High Frequency Current
- d) None of above

Q.7 Which is not a deep heating modality?

- a) US
- b) SWD
- c) MWD
- d) MHP

Q.8 The temperature of PWB is

- a) 30- 40 C
- b) 40- 50 C
- c) 25- 55 C
- d) None of the above

Q.9 Therapeutic frequency of SWD is

- a) 27.12 K Hz
- b) 27.12 MHz
- c) 27.12 G Hz
- d) None of the above

Q.10 Which of the following is the intermediate heating modality?

- a) IRR
- b) MWD
- c) SWD
- d) US

Q.11 Electrical activity in the cells of the body can be described as?

- a) Conduction current
- b) Convection current
- c) Both conduction and convection
- d) Radiation

[P.T.O.]

Q.12 Electrical activity of the body is lower than the electrical circuits because?

- a) It is dependent on movement of ions
- b) Pathways are shorter
- c) The mass of ion is smaller
- d) All of the above

Q.13 The low frequency current is up to?

- a) 1000Hz
- b) 50Hz
- c) 100Hz
- d) None of the above

Q.14 Russian current is?

- a) Low frequency
- b) Medium frequency
- c) High frequency
- d) None of the above

Q.15 All electromagnetic radiation has?

- a) Same velocity
- b) Same wavelength
- c) Same frequency
- d) None of the above

Q.16 Faradic current is?

- a) An alternating current
- b) A direct current
- c) Interrupted current
- d) Modified current

Q.17 Galvanic current is?

- a) An Alternating current
- b) A direct current
- c) Interrupted current
- d) Modified current

Q.18 Electric pulse that stimulates a nerve should be?

- a) Rapid rising and duration less than 1 ms
- b) Slow rising and duration less than 1 ms
- c) Rapid rising and duration less than 100 ms
- d) None of the above

Q.19 Pulse of TENS is usually?

- a) Uniphasic
- b) Biphasic
- c) Biphasic with even charge
- d) Biphasic, unequal pulse shape in both direction

Q.20 Non-myelinated fiber is?

- a) A α
- b) A β
- c) A γ
- d) C

Section – B (Short Answer questions)

Question 2 - Attempt any five questions

(5x2=10)

- a) Explain the difference between the Faradic & galvanic current
- b) Write down the contraindications of heat therapy
- c) Write down the Therapeutic effect of UVR
- d) Explain Chronaxie
- e) Write down a short note on pain pathway
- f) Write down a short note on Micro Currents

Question 3 – Attempt any two questions

(2x5=10)

- a) Explain Pain gate theory
- b) Write down a short note on luminous generator
- c) Write down a short note on Interferential therapy.

Section – C (Long Answer questions)

Question 4 – Attempt any two questions

(2x15=30)

- a) Define Ultrasound therapy along with its therapeutic and physiological effects.
- b) Discuss about the SWD along with its Physiological effect, indication and contraindication.
- c) Describe Iontophoresis along with its techniques of use, its indications and contraindications.

[P.T.O.]

8-Microcytic hypochromic rbc's are found in -

- a) Iron deficiency anemia
- b) Vitamin B12 deficiency anemia
- c) Folate deficiency anemia
- d) All of the above

9-What is FALSE for Dystrophic calcification -

- a) Occurs in degenerated tissues
- b) Hypercalcemia is seen
- c) Calcium metabolism is normal
- d) Generally irreversible

10-The most frequent malignant tumor of bone is -

- a) Giant cell tumor
- b) Osteosarcoma
- c) Chondrosarcoma
- d) Multiple myeloma
- e)

Section - B (Short Answer questions)

Question 2 - Write short notes on: (Attempt any five questions)

(5*2=10)

- (a) Hypertrophy with example
- (b) Rickets
- (c) Bronchial asthma
- (d) Inflammation and Cardinal signs of inflammation
- (e) Apoptosis
- (f) Megaloblastic anemia - cause and blood picture

Question 3 - Discuss in brief : (Attempt any five questions)

(5*3=15)

- (a) Embolism
- (b) Pathogenesis of AIDS
- (c) Chronic inflammation - causes and types
- (d) Atherosclerosis
- (e) Lab investigations for diabetes
- (f) CVC lung

18/05/23

Printing Pages : 2

Paper Code : BPT-205

(A) (SVSU:2022-2023/R)

ENROLLMENT NO.

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Bachelor of Physiotherapy (BPT)

2nd Year Examination

Microbiology

Max.Marks: 35,

Time: 1:30 hours

Note: Attempt the all question as per the instructions.

Section A (MCQ's)

(10*1=10)

Question 1- Attempt all questions.

1-All of the following are examples of enriched media except:

- a) Blood Agar
- b) Chocolate Agar
- c) Loeffler's serum slope
- d) Bile salt agar

2-The process by which an article, surface or medium is made free of all microorganisms either in vegetative or spore form is known as:

- a) Sterilization
- b) Disinfection
- c) Asepsis
- d) None of the Above

3-Which antibody can pass through placenta:

- a) IgG
- b) IgM
- c) IgA
- d) IgE

4-What is the concentration of sulphuric acid used as decolouriser in Ziehl-Neelsen staining method for *Mycobacterium leprae*?

- a) 20%
- b) 5%
- c) 1%
- d) 0.1%

5-Which of the following members is/are member/s of the family enterobacteriaceae

- a) Salmonella typhi
- b) Enterobacter
- c) Yersinia enterocolitica
- d) All of the above

6-Which are the diarrhea causing bacteria?

- a) Vibrio cholerae
- b) Escherichia coli
- c) Yersinia enterocolitica
- d) All of the above

[P.T.O.]

7-Which of the following may cause pseudomembrane formation in throat?

- a) *Corynebacterium diphtheriae*
- b) *Streptococcus pyogenes*
- c) *Candida albicans*
- d) All of the above

8-What is the mode of transmission for human immunodeficiency virus?

- a) Sexual transmission
- b) Perinatal transmission
- c) Parenteral transmission
- d) All of the above

9-What is the mode of transmission for hepatitis E virus ?

- a) Faecally contaminated drinking water
- b) Parenteral route
- c) Sexual route
- d) None of the above

10-Gram positive Bacteria appear as:

- a) Pink
- b) Purple
- c) Blue
- d) Red

Section – B (Short Answer questions)

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

- (a) Flagella
- (b) Bacterial growth curve
- (c) Antibody
- (d) HbsAg
- (e) General properties of Enterobacteriaceae
- (f) Morphology of H.I.V

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

- (a) Agglutination
- (b) Koch's postulates
- (c) Discuss laboratory diagnosis of tuberculosis
- (d) WIDAL
- (e) Autoclave
- (f) Difference between cell wall of gram-positive cell wall and gram negative cell wall.

Printing Pages : 2

Paper Code : BPT-206

(A) (SVSU:2022-2023/R)

ENROLLMENT NO.

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Bachelor of Physiotherapy (BPT)

2nd Year Examination

Pharmacology

Time: 1:30 hours

Max.Marks: 35,

Note: Attempt the all question as per the instructions.

Section-A

Ques: 1. Attempts all the MCQs. Select the correct choice as applicable. 1 Marks each
(1x10=10)

1. Antihypertensive drug is.
 - a) Telmisartan
 - b) Aceclofenac
 - c) Diazepam
 - d) Aspirin
2. Selective COX-2 inhibitor NSAIDs drug is -
 - a) Aspirin
 - b) Ibuprofen
 - c) Etoricoxib
 - d) Ketarolac
- 3) Antiepileptic drug is-
 - a) Phenytoin
 - b) Morphine
 - c) Lignocaine
 - d) Tolcapone
- 4) Cholinergic drug is-
 - a) Atropine
 - b) Diclofenac
 - c) Acetylcholine
 - d) Ipratropium bromide
- 5) Isosorbide mononitrate belongs to-
 - a) Antianginal drug
 - b) Antihypertensive drug
 - c) Antiarrhythmic drug
 - d) Anticholinergic drug
6. Amoxicillin belongs to.
 - a) Aminoglycoside
 - b) Penicillin
 - c) Macrolide
 - d) Cephalosporin

[P.T.O.]

7. Which of the following drug is used in Rheumatoid Arthritis.

- a) Methotrexate
- b) Ampicillin
- c) Streptomycin
- d) Cefixime

8. Which of the following drug is used in peptic ulcer?

- a) Pantoprazole
- b) Aspirin
- c) Adrenaline
- d) Dopamine

9. Drugs that inhibit cell wall synthesis-

- a) Tetracyclines
- b) Aminoglycosides
- c) Penicillin
- d) Chloramphenicol

10) Mivacurium belongs to-

- a) Directly acting muscle relaxant
- b) Centrally acting muscle relaxant
- c) Non-competitive skeletal muscle relaxant
- d) Competitive skeletal muscle relaxant

Section-B

Ques.2. Enumerate uses and adverse effects of any FIVE-

(5X2=10)

- a) Allopurinol
- b) Aceclofenac
- c) Metoprolol
- d) Atropine
- e) Ampicillin
- f) Valproic acid

Ques. 3. Write the drug treatment of the following. Attempts any THREE.

- a) Bacillary dysentery
- b) Typhoid Fever
- c) Organophosphorus poisoning.
- d) Urinary tract infection
- e) Acute gouty arthritis
- f) Acute attack of Bronchial asthma

(3X5=15)

Printing Pages : 2

Paper Code : BPT-207

(B) (SVSU:2022-2023/R)

ENROLLMENT NO.

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Bachelor of Physiotherapy (BPT)
2nd Year Examination
Psychiatry

Time: 1:30 hours

Max.Marks: 35,

Note: Attempt the all question as per the instructions.

Section A (MCQ's)**(10*1=10)****Question 1- Attempt all questions.**

1. The most common cause of mental retardation among the following is
 - a. Turner's syndrome
 - b. Down's syndrome
 - c. Fragile X syndrome
 - d. Klinefelter's syndrome
2. Obsessions have all the following features except
 - a. Repetitive thoughts
 - b. The patient tries to resist them but cannot
 - c. The patient considers that they are a product of his own thoughts
 - d. Not considered as absurd or irrational by the patient
3. Fear restricted to a particular object, situation, and place is known as
 - a. Anxiety
 - b. Conversion disorder
 - c. Phobia
 - d. OCD
4. A type of anxiety disorder with a history of sudden onset palpitation, the feeling of impending Doom, and constriction in the chest lasting for 5 to 10 minutes after which the patient becomes all right
 - a. Generalized anxiety disorder
 - b. OCD
 - c. Phobic disorder
 - d. Panic attack
5. Disulfiram inhibits _____ enzymes
 - a. Acetaldehyde dehydrogenase
 - b. Glucose 2-3 diphosphatase
 - c. Pyruvate kinase
 - d. Alcohol dehydrogenase
6. Thanatophobia means
 - a. Fear of dogs
 - b. Fear of Fire
 - c. Fear of pain
 - d. Fear of death

[P.T.O.]

7. In which below condition do you see episodes of uncontrollable excessive eating followed by vigorous weight-reducing measures like self-induced vomiting and purgative abuse
 - a. Bulimia nervosa
 - b. Anorexia nervosa
 - c. Phobia
 - d. Schizophrenia
8. The symptom of the inability to enjoy previously pleasurable activity is known as
 - a. Anhedonia
 - b. Avolition
 - c. Apathy
 - d. Amotivation
9. All are good prognosis factors of schizophrenia except
 - a. Acute onset
 - b. Married.
 - c. Late onset
 - d. Negative symptoms
10. Bright light therapy has been found to be most effective treatment of
 - a. Cyclothymia
 - b. Seasonal affective disorder
 - c. Social phobia
 - d. OCD

Section – B(Short Answer questions)

Question 2 - Attempt any five questions

(5*2=10)

- a) Describe the symptoms of cannabis dependence
- b) Write in detail about the treatment of panic disorders
- c) How will you manage a patient with Bipolar mood disorder?
- d) Write in detail about Psychotic disorders
- e) Anti-anxiety medications
- f) Rehabilitation in Psychiatry

Question 3 – Attempt any five questions

(5*3=15)

- a) Eating Disorders
- b) Psychiatry disorders in children
- c) Anti-anxiety medication
- d) Schizophrenia
- e) Dementia
- f) Alcohol dependence

ENROLLMENT NO.

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Bachelor of Physiotherapy (BPT)
2nd Year Examination
Psychology

Time: 1:30 hours

Max.Marks: 35,

Note: Attempt the all question as per the instructions.

Section A (MCQ's)**(10*1=10)****Question 1- Attempt all questions.**

1- Pavlov's classical condition is associated with

- a) Psychoanalysis
- b) Humanistic
- c) Behaviourism
- d) Introspection

2- which one is not a branch of psychology

- a) Abnormal psychology
- b) Social psychology
- c) psychology
- d) Neuropsychology

3- Pairs of chromosomes

- a) 46
- b) 26
- c) 23
- d) 36

4- Range of normal I Q

- a) 40 -70
- b) 80 - 110
- c) 90 -110
- d) 35 -75

5- First psychology laboratory established by

- a) Carl Rogers
- b) Wilhelm Wundt
- c) Ivan Pavlov
- d) Tichner

6- Which is not a method of learning

- a) Observational learning
- b) Social Learning
- c) Motivation learning
- d) Insight learning

7- Which one is field of psychology?

- a) Clinical psychology
- b) Abnormal psychology
- c) Sports psychology
- d) All above

8- Find out odd one

- a) Short term Memory
- b) Long term memory
- c) Sensory memory
- d) Phone memory

[P.T.O.]

9- A term use in motivation

- a) Needs
- b) Desires
- c) Stimulus
- d) All above

10- Function of Frontal lobe

- a) Attention
- b) Thinking
- c) Memory
- d) All above

Section – B (Short Answer questions)

Question 2 - Attempt any five questions

(5*2=10)

- (a) Define memory and its type
- (b) Explain case study method in psychology
- (c) Function of Central Nervous system
- (d) Explain classical conditioning in learning
- (e) What is sensory memory?
- (f) What is psychology?

Question 3 – Attempt any five questions

(5*3=15)

- (a) What are conflict and frustration?
- (b) Is learning a part of development?
- (c) Describe the causes of forgetting
- (d) Developmental stages given by Sigmond Frued
- (e) Short note on Branches of psychology
- (f) What is instrumental conditioning in learning?

Printing Pages : 1

Paper Code BPT-209

(C) (SVSU:2022-2023/R)

ENROLLMENT NO.

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Bachelor of Physiotherapy (BPT)
2nd Year Examination
Basic Professional Practice & Ethics,

Time : 2 hours

Max. Mark : 50,

Note: Attempt the all question as per the instructions.

Section A (MCQ's)**(10*1=10)****Question 1- Attempt all questions.**

- 1- The patient has the right to be treated with
 - a) .. Respect
 - b) ..Full payment
 - c) .. full dignity
 - d) .. none of above
- 2- A health care provider should workin the team.
 - a) .. differently
 - b) .. cooperatively
 - c) .. both
 - d) .. none of above
- 3- A paramedic should perform his duty both within and outside
 - a) .. village
 - b) .. home
 - c) .. hospital
 - d) .. all
- 4- Health care practitioners should keep personal or private information of the patient as...
 - a) .. confidential
 - b) .. public
 - c) .. a & b
 - d) .. none of above
- 5- Ethics is the science of
 - a) ..beauty
 - b) .. truth
 - c) .. conduct
 - d) .. mind
- 6- Type of words used for verbal communication?
 - a) .. acronyms
 - b) .. simple
 - c) .. technical
 - d) .. none
- 7-can be presented by face
 - a) .. gestures
 - b) .. body language
 - c) .. both
 - d) .. expressions
- 8- Straight body posture shows what
 - a) .. pride
 - b) .. humanity
 - c) .. both
 - d) .. confidence
- 9- Sending a letter is which type of communication?
 - a) .. listening
 - b) .. writing
 - c) .. speaking
 - d) .. reading
- 10- The abilities to communicate properly are:
 - a) .. read
 - b) .. write
 - c) .. speak
 - d) .. all of above

Section – B (Short Answer questions)**Question 2- Attempt any five questions****(5*4=20)**

- (a) What is the definition of medical risk?
- (b) Discuss ethical code of conduct
- (c) Highlight the importance of professional dress codes.
- (d) Describe the role of communication skills in medical field..
- (e) Discuss concept of morality & ethics.
- (f) Explain the scope of physiotherapy in medical field.

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

- (a) Discuss introduction & history of physiotherapy.
- (b) Describe the role of physiotherapist in clinical field.
- (c) Explain the types of interview skills
- (d) Discuss Concept of professionalism
- (e) Highlight the importance of curriculum in clinical area.
