

Printing Pages : 2

Paper Code : ANAT-105_PHYS-110

B

(SVSU:2021-22/R)

(22-23)

Enrollment No.

B.Sc. (NURSING)

1st YEAR 1st Semester EXAMINATION,
APPLIED ANATOMY AND APPLIED PHYSIOLOGY

Time: 3 Hours

Note:

Max. Marks: 75

1. Attempt all questions in serial order.
2. Draw a labelled diagram wherever necessary
3. Use separate answer sheet for Section A and Section B

SECTION-A (ANATOMY) (37 Marks)

(1x6=6)

- I. Encircle the write Answer:
 1. Which of the following is the structural and functional unit of the human nervous system?
 - a) Brain b) Axon c) Dendron d) Neuron
 2. What does corpus callosum connects in human brain?
 - a) Two optic lobes b) Bone and muscle
 - c) Two cerebral hemisphere d) Two lobes of pituitary gland
 3. Which of the following is a balancing organ in humans?
 - a) Eardrum b) Vestibular region c) Cochlea d) Organ of corti
 4. Which of the following part of the parietal pleura covers the superior surface of the human diaphragm?
 - a) Intercostal nerves b) Pneumothorax c) Mediastinal pleura d) Diaphragmatic pleura
 5. Where are the parotid glands located?
 - a) Below the stomach b) Behind and above the pancreas
 - c) Below and in front of the ear canal d) Underneath the armpits
 6. Humans have _____ lobes in the left lung.
 - a) 3 b) 2 c) 4
- II. Answer any one of the following essay question: (1X10 = 10)
 1. Name the endocrine glands present in our body and describe in detail about thyroid gland with a neat labeled diagram.
 2. Name the types of circulation. Describe in detail about the blood supply of heart along with its applied anatomy.
- III. Write notes on: (any Three) (3X5 = 15)
 - a) Explain the Structure of kidney with diagram
 - b) Enumerate the parts of female reproductive system and describe in detail about the functions of uterus
 - c) Name salivary glands and discuss the composition and functions of saliva.
 - d) Explain the structure of the skin
- IV. Write short answer on: (any Three) (3X2 = 6)
 - a. Name the different types of muscles
 - b. Name the parts of long bone
 - c. Draw a neat labeled diagram of the respiratory system
 - d. Name the coverings of brain

SECTION-B (PHYSIOLOGY) (38 Marks)

I. Encircle the right answer:

(1x7=7)

1. Name the site where digestion of proteins occurs.
a) Pancreas b) Rectum c) Liver d) Ileum
2. Stomach epithelial cells in the body secrete _____.
a) Hydrochloric acid b) Oxytocin c) Adrenaline d) Testosterone
3. Night blindness and xerophthalmia are generally conditions associated with the deficiency of which vitamin?
a) Vitamin B b) Vitamin K c) Vitamin B2 d) Vitamin A
4. _____ are functional units of food absorption.
a) Red blood cells b) Small intestine c) Villi d) Aggregated lymphoid nodules
5. Which of the following hormone helps in the secretion of HCL from stomach?
a) Gastrin b) Secretin c) Pepsin d) Renin
6. Which of the following cells in the pancreas make insulin?
a) Epithelial cells b) Hepatic cells c) Germ cells d) Islet cells
7. The lungs are protected by:
a) Sternum b) Rib cage c) Backbone d) All of the above

II. Answer any one of the following essay question:

(1X10= 10)

1. Enumerate the organs of digestion. Describe in detail about stomach with neat labeled diagram.
2. Name the organs of male reproductive system and describe in detail about testis.

III. Write short notes on (any three)

(3X5 = 15)

- a) Describe the neurotransmitters
- b) Functions of the cell with a neat labeled diagram
- c) Process of conduction system of heart
- d) Menstrual cycle

IV. Write short answer on: (any Three)

(3X2 = 6)

- a) Name any two hormones produced by thyroid
- b) Explain the factors affecting blood pressure
- c) Functions of calcium
- d) Functions of bile

Section B (Psychology) (38Marks)

I. MCQs

7x1=7

1. Behaviourism, 'the science of behaviour' was proposed by: (CO1, PO1)

- a. Sigmund Freud b. Erik Erickson c. JB Watson d. Ivan Pavlov

2. What did Freud believe most, if not all, of all our behaviour? (CO1, PO1)

- a. Conscious experiences b. Gestalt perceptions
c. The unconscious mind d. Observable experiences.

3. Who among the following would be LEAST likely to talk about unconscious mind and conflicts? (CO1, PO1)

- a. Wundt b. James c. Watson d. Wertheimer

4. Behaviour means: (CO1, PO1)

- a. Outward or overt action and reactions b. Mental processes
c. Internal covert process d. Meaningful thoughts.

5. A mentally healthy person can: (CO3, PO4)

- a. Take his own decision b. Depend on others c. Always feel frustration d. Unable to love others

6. Which theory views that people have free-will and potential for self-actualization? (CO4, PO10)

- a. Behaviourism b. Psychodynamic theory c. Cognitive theory d. Humanism

7. Which of the following specialization in psychology deals with diagnosis and treatment of mental disorders? (CO1, PO7)

- a. Clinical b. developmental c. Experimental d. Personality

II. Elaborate on: (any 1)

(1 x 10 = 10)

1. Define intelligence and write various test of Intelligence. (CO5, PO7)

2. Define psychology and write various branches of Psychology. (CO1, PO1)

II. Short Notes on : (any 3)

(3 x 5 = 15)

1. Types of Motives. (CO6, PO7)

2. Introspection method. (CO1, PO1)

3. Chromosomal abnormalities. (CO2, PO1)

4. Psycho somatic disorder of Emotions. (CO6, PO2)

III. Short Answers on: (any 3)

(3 x 2 = 6)

1. Name Three Laws of Learning. (CO5, PO10)

2. Basic concepts of Freud. (CO5, PO10)

3. Environment. (CO3, PO2)

4. Any four types of secondary needs. (CO6, PO7)

Q.6 Which of the following is the end product following digestion of carbohydrate-
a) Lactose b) Fructose c) Glucose d) Sucrose

Q.7 Which of the following nutrition component is not included in the ICDS Programme-
a) Supplementary nutrition b) Vitamin-A prophylaxis
c) Iron and folic acid distribution d) Prophylaxis against vitamin-D deficiency

Q.8 Main Function of iron in our body is-
a) Transportation of Oxygen b) Metabolism
c) Formation of haemoglobin d) To prevent infections

I. Long essay question (Any one) (1x10=10)

Q.1 Explain about National programmes related to nutrition

Q.2 Define cooking. Discuss about Principles and methods of cooking

II. Short Essay Type Question (Any Four) (4x5=20)

1. Factors affecting Basal metabolic rate
2. Mid-day meal Scheme
3. Protein energy malnutrition
4. Function of carbohydrate
5. Dietary sources of fats and fatty acids

III. Very Short Essay Type Question (Any Six) (2x6=12)

1. Enlist essential amino acids
2. Nutritional Assessment
3. Integrated Child Development Service
4. Weaning
5. Classification of carbohydrates
6. Food standards
7. Role of food handlers in food borne diseases

Printing Pages :2

Paper Code : N-NF (I & II)-125

B

(SVSU:2022-23/R)

Enrollment No.

COURSE NAME: B.SC NURSING

II SEMESTER EXAMINATION

SUBJECT NAME: NURSING FOUNDATIONS I & II

PAPER CODE: N-NF (I & II)-125

TIME: 3 HRS

MARKS: 75

I. MULTIPLE CHOICE ANSWERS:

(10X1=10)

1. When recording blood pressure, the sounds which can be heard with the stethoscope placed over the artery is termed as (CO5, PO9)
 - a) Wheeze b) Murmurs c) Crackle sounds d) Korotkoff sounds
2. The best position for examining the rectum is: (CO7, PO2)
 - a) Prone b) Sim's c) Knee-chest d) Lithotomy
3. Which of the following is the meaning of PRN? (CO9, PO9)
 - a) When advice b) Immediately c) When necessary d) Now
4. A client who is unconscious needs frequent mouth care. When performing a mouth care, the best position of a client is: (CO7, PO2)
 - a) Fowler's position b) Side lying c) Supine d) Trendelenburg
5. Involuntary passing of urine is known as- (CO5, PO1)
 - a) Enuresis b) Elimination c) Micturition d) Defecation
6. A nurse obtained a client's pulse and found the rate to be above normal. The nurse document this findings as: (CO5, PO1)
 - a) Tachypnoea b) Hyper pyrexia c) Arrhythmia d) Tachycardia
7. What is the color coding of the bag used in hospitals to dispose off human anatomical waste such as body parts? (CO6, PO3)
 - a) Yellow b) Black c) Red d) Blue
8. The four major concepts in nursing theory are the- (CO16, PO10)
 - a) Person, Environment, Nurse, Health b) Nurse, Person, Environment, Cure
 - b) Promotive, Preventive, Curative, Rehabilitative d) Person, Environment, Nursing, Health
9. The most effective way to discuss pain is expressed through which nonverbal cue? (CO3, PO8)
 - a) Eye contact b) gestures c) sound d) Posture
10. The nurse is preparing to do a focused assessment of the abdomen on an assigned client. Which of the following is most important for the nurse to do prior to the examination? (CO1, PO2)
 - a) Have client empty their bladder b) Gather equipment
 - c) Place client in semi-Fowler's position d) Remove any dressings from abdomen

II. ESSAY : Any Two

(2x15=30)

1. a. Define Communication. (CO3, PO8) (2)
 b. List down the factors influencing Communication. (3)
 c. Explain in detail about elements of communication. (5)
 d. Discuss the phases of helping relationships. (5)
2. a. Define Ethics. (CO2, PO4) (2)
 b. List ethical principles. (3)
 c. Discuss code of ethics and professional conduct for nurses. (10)
3. a. List the types of pain. (CO7, PO2) (2)
 b. Write the factors influencing comfort. (3)
 c. Discuss on assessment, theory and management of pain. (10)

III. Short Notes: Any five

(5x5=25)

1. Methods of Physical Assessment. (CO1, PO1)
2. Acid base imbalances. (CO8, PO)
3. Nursing responsibilities in caring of unconscious patients. (CO11, PO2)
4. Levels of illness prevention. (CO1, PO3)
5. Position of patients and therapeutic uses of positions. (CO7, PO2)
6. Maslow Hierarchy Theory. (CO16, PO10)

IV. Short Answers: Any five

(5x2=10)

1. Formula to convert Fahrenheit to Celsius. (CO5, PO1)
2. Signs of clinical death. (CO12)
3. Name four records used in hospital. (CO4, PO2)
4. Factors affecting self-concept. (CO16)
5. Routes of medication administration. (CO10, PO1)
6. Sites of pressure sores. (CO4, PO2)