

- IV In human being, hemorrhage causes
(a) Venous constriction (b) decreased blood flow to the skin (c) fall in cardiac output (d) all above
- V The life span of red blood cells is?
(a) 90 days (b) 100 days (c) 110 days (d) 120 days
- VI An increase in PaCO₂ lead to:
(a) Hypertension (b) Increased adrenaline release (c) Increase sweating (d) All of the above
- VII Normal clotting time is:
(a) 1-5 minutes (b) 5-10 minutes (c) 10-15 minutes (d) 15-20 minutes

6. Essay Question (Any one)

- I Draw the structure of pancreas and write name secreted by it and their functions.

[01X10=10]

- II. Describe the function of lymphatic systems and list the organs related to lymphatic system.

7. Short Essay Questions (Any three)

[03X05=15]

- I. Function of kidney in maintaining homeostatis.
II. Write in brief about clotting mechanism.
III. Describe the physiology of hearing.
IV. Write the function of plasma protein.

8. Very Short Question (Any three)

[03X02=06]

- I. Synapse.
II. Ventricles of brain.
III. Blood components.
IV. Enlist function of hypothalamus.

[2]

Nursing

Total Pages:- 51

Printing Pages :2

Paper Code : SOCI-115 & PSYC-120

B (SVSU:2023-24/C)

Enrollment No.

B.Sc. (NURSING)

1st YEAR 1st SEMESTER**APPLIED SOCIOLOGY AND APPLIED PSYCHOLOGY**

Time :3Hours

Max. Marks: 75

Note:

Attempt all questions in serial order.

Use separate answer sheet for section A and Section B

SECTION -A (APPLIED SOCIOLOGY) (37Marks)**I. Attempt all the MCQs questions. Select the correct choice as applicable. 1 mark each. (1x6=6)**

1. Poverty is a

- a. Social problem b. Economic problem c. Political problem d. Religious problem

2. Delinquency is a kind of

- a. Abnormality b. Normality c. Illness d. All of the above

3. Singular form of strata

- a. One strata b. Stratas c. Statue d. Stratu

4. Elder Abuse includes

- a. Physical abuse b. Sexual abuse c. psychological abuse d. All of the above

5. The father of medical Sociology

- a. Karl Marx b. Parsons c. Eliot Friedson d. August Comet

6. The clash of interest is known as

- a. Conflict b. Competition c. Co-operation d. Class struggle

II. Answer any one of the following essay question: (1x10=10)

1. Define Social system, Discuss characteristics, elements, types of social system .
2. Discuss the forms of marriage, social custom relating to marriage and importance of marriage
3. Define social groups Explain the characteristics and classification of social groups

III. Write short note on(Any three) (3x5=15)

- a) Discuss about Dowry system in India
- b) Describe the types of family
- c) Explain the urban community
- d) Explain importance of sociology in nursing

IV. Write short answer on(Any three) (3x2=6)

- a) Describe the types of competition
- b) Enlist the government education scheme to improve literacy
- c) Enlist the fundamental rights of an Indian citizen
- d) Explain the characteristics of nuclear family

SECTION B (APPLIED PSYCHOLOGY) (38Marks)

I. Attempt all the MCQs questions. Select the correct choice as applicable. 1 mark each (1x7=7)

1. Duration of short-term memory is
 - a. 2 seconds
 - b. 20 seconds
 - c. ½ seconds
 - d. 30 seconds
2. Learning, retention, recall and recognition are said to constitute
 - a. Intelligence
 - b. Memory
 - c. Intuition
 - d. Imagination
3. Attitude can be measured using
 - a. 5-point scale
 - b. Wave form
 - c. Richeter scale
 - d. Likert scale
4. Ego integrity is the concept proposed by
 - a. Erick-Erickson
 - b. Jean Piaget
 - c. Thorndike
 - d. Wolfgang Kohler
5. Innermost structure and original system of personality
 - a. Id
 - b. Ego
 - c. Super Ego
 - d. Both a & b
6. Listening without reacting is
 - a. Active listening
 - b. Passive listening
 - c. Both a & b
 - d. None of these
7. IQ of a 25 years old boy whose mental age is 16 will be.
 - a. 64
 - b. 75
 - c. 80
 - d. 100

I. Answer any one of the following essay questions (1x10=10)

1. Define attitude, Discuss the nature, components and factors affecting attitude
2. Define intelligence, Discuss the characteristics, classification and effects of heredity and environment in intelligence
3. Define motivation, explain concept, nature, forms and types of motivation

II. Write Short notes on (any three) (3x5=15)

- a. Explain Perception
- b. Describe the scope of psychology
- c. Explain the types of thinking
- d. Discuss the criteria of emotional intelligence

IV. Write short answer on (any three) (3x2=6)

- a. Enlist the characteristics of intelligence
- b. Define motivation
- c. Hallucination
- d. Define frustration

Enrollment No.

B.Sc. (N) 1st YEAR 2nd SEMESTER

Sub – Applied Biochemistry & Nutrition & Dietetics

Sub Code – BIOC-135/NUTR-140

TIME : THREE HOURS

MAXIMUM : 75 MARKS

SECTION - A

(APPLIED BIOCHEMISTRY) 25 Marks

Note: 1. Attempt all the questions as per given instructions.

1. Multiple Choice Questions (MCQs)

[01X04=04]

1) Ergosterol is similar to cholesterol in:

- a) Both are of animal origin b) Both have 27 carbon atoms
c) Both are amphipathic steroids d) Both give rise to cholecalciferol

2) Which one of the following is not an intermediate in Krebs cycle?

- a) Fumarate b) Oxaloacetate c) Pyruvate d) Succinate

3). Plasma fasting glucose levels are in the range of:

- a) 65-85mg% b) 70-110 mg% c) 85-120 mg% d) 100-140 mg%

4) The general test for identification of carbohydrate is:

- a) Benedict's test b) Bial's test c) Molisch test d) Fehling's test

Ques 2: Short Essay Type Questions (Any Three)

(3x5=15)

- a) Regulation of blood glucose
- b) Factors affecting enzyme activity
- c) TCA cycle
- d) Glycogen storage disease

Ques 3: Very Short Essay Type Questions (Any Three).

(3x2=6)

- a) Allosteric inhibition
- b) Functions of protein
- c) Classification of carbohydrate
- d) Functions of lipid

Section B

(APPLIED NUTRITION AND DIETETICS) 50 marks

Multiple Choice Questions (MCQs)

[01X08=08]

1. Which of the following is a key component of a successful weight loss program?

- a. Extreme calorie restriction b. Crash diets
c. Balanced nutrition and regular exercise d. Skipping meals

2. What is the “danger zone” for food storage?

- a. 32°F to 40°F (0°C to 4°C) b. 40°F to 70°F (4°C to 21°C)
c. 70°F to 100°F (21°C to 38°C) d. 100°F to 140°F (38°C to 60°C)

3. Which vitamin deficiency can lead to night blindness and dry skin?
a. Vitamin C b. Vitamin D c. Vitamin A d. Vitamin E
4. What is the primary goal of a high-fiber diet?
a. Weight gain b. Improved digestion
c. Reduced cholesterol levels d. Enhanced muscle growth
5. Which fat is solid at room temperature and is commonly found in animal products and coconut oil?
a. Unsaturated fat b. Saturated fat c. Polyunsaturated fat d. Trans fat
6. What is the storage form of carbohydrates in the liver and muscles?
a. Glucose b. Sucrose c. Glycogen d. Fructose
7. What is the primary goal of a prenatal nutritional program for pregnant women?
a. Weight loss b. Meeting increased nutrient needs
c. Reducing carbohydrate intake d. Fasting during pregnancy
8. Which type of food borne illness is associated with undercooked ground beef?
a. Salmonellosis b. Listeriosis c. E. coli infection d. Norovirus

Q 2. LONG ESSAY (any one)

(1X10=10)

- I. Define carbohydrates. Discuss the composition and functions of carbohydrates. Explain the recommended daily allowance.
- II. Define minerals. Classify the minerals. Explain the functions and dietary sources of minerals.

Q 2. SHORT QUESTION (any four)

(4X5=20)

- a) Basal metabolic rate
- b) Role of nurse in nutritional program
- c) Integrated child development scheme
- d) Malnutrition
- e) Food safety regulatory measures in India

Q 3. VERY SHORT QUESTIONS (any six)

(6X2=12)

- a) List the uses of recommended dietary allowances
- b) Therapeutic purposes of naturopathy diet
- c) Nutritional problems in India
- d) Role of nutrition in maintaining health of geriatric client
- e) Classify vitamins
- f) Weaning diet
- g) Food fortification

Printing Pages :2

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

B (SVSU:2023-24/R)

Enrollment No.

Program Name B.Sc. Nursing

II Semester / First Year Examination

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

Subject Name: Nursing Foundations (I&II)

[Time : 03:00 Hours]

[Max. Marks : 75]

Note : 1. Attempt all the questions as per given instructions.

1. Multiple Choice Questions (MCQs)**[01×15=15]****I** Hospital acquired infection is also known as:

- (a) Nosocomial infection (b) Primary infection
(c) Latrogenic infection (d) Idiopathic infection

II The fifth vital sign is:

- (a) Mean arterial pressure (b) ABG analysis (c) Spo2 (d) Pain

III What is Halitosis commonly known as

- (a) Headache (b) Blood Pressure (c) Bad breath (d) Flu

IV The term melena means

- (a) Dark colored stool containing blood (b) Pus in the urine
(c) Painful micturation (d) Sugar in the urine

V Insomnia means

- (a) Inability to walk (b) Unconsciousness
(c) Inability to sleep (d) Inability to eat

VI What is the recommended compression-to-breath ratio for CPR in adults?

- a) 5 compressions to 1 breath b) 15 compressions to 2 breaths
c) 30 compressions to 2 breaths d) 30 compressions to 5 breaths

VII Following is the first aid emergency that needed to be report to police as well-

- a) Hanging & Strangulation (b) Snake bite (c) Frost bite (d) Fainting

VIII Electrocardiogram is used to measure

- (a) Blood count (b) Heart beat (c) Temperature (d) Electricity

IX Suitable position for rectal examination is

- (a) Prone position (b) Lithotomy position
(c) Dorsal recumbent position (d) Sims position

X Which of the following is the most important initial care when chemical burn is suspected?

- (a) Immediately cover the burn area
(b) Remove all the dressings
(c) Provide the calm environment
(d) Excess flushing with water for 20 -30 minutes

- XI** Which of the following is a primary aim of nurse?
 (a) Diagnosing disease (b) Prescribing medications
 (c) Providing patients care (d) Performing surgeries
- XII** Which nursing theory is known for the theory of self care?
 (a) Florence Nightingale (b) Dorothea Orem
 (c) Virginia Henderson (d) Hildegard Peplau
- XIII** What does the acronym ADPIE stand for in the nursing process?
 (a) Assess, Diagnose, Plan, Implement, Evaluate
 (b) Analyse, Determine, Plan, Intervene, Evaluate
 (c) Assess, Document, Plan, Intervene, Evaluate
 (d) Analyze, Document, Plan, Implement, Evaluate
- XIV** What is the primary goal of patient education in nursing?
 (a) To increase the length of Hospital stays
 (b) To empower patients to manage their health
 (c) To reduce the need for nursing care
 (d) To limit access of health care information
- XV** Which of the following is the example of nursing diagnosis?
 (a) Diabetes (b) Hypertension (c) Risk for falls (d) Asthma
- 2. Answer in long (any three) [10×3=30]**
- I** Discuss routes of drug administration in detail with 10 rights of medication administration.
- II** Define vital signs and their characteristics. List down the role of nurse while taking vital signs.
- III** Explain types of health care agencies in detail
- IV** Discuss in detail about care of terminally ill and dying patient.

- 3. Answer in short (any six) [5×6=30]**
- I** Elaborate Care of pressure points
- II** Discuss nursing as a profession
- III** Define Health care teams in hospitals and their role
- IV** Discuss cardio pulmonary resuscitation and its principles
- V** Discuss biomedical waste management
- VI** Discuss Maslow's hierarchy of needs
- VII** Define nurse patient relationship
- VIII** Define Grief and explain its stages