

Dinsha Patel College of Nursing
First Year B.Sc. Nursing
First Term Test

Date:17/12/2018

Time:10:00am-01:00pm
Total Marks: 75

Subject: Anatomy and Physiology

Section I (Marks38)

- Q.1** Draw the cell structure. Describe structure and function of cell. **10**
- Q.2** Describe the following in detail(Any two) **10**
1. Scapula
 2. Cell division
 3. Structure and function of Bone
- Q.3** Write Short notes(Any Three) **12**
1. Gastric Juice
 2. Classification of bones
 3. Connective tissue
 4. Skull
- Q.4** Fill in the Blanks (Any six) **06**
1. Power house of the cell is _____
 2. Suicide sac of the cell is _____
 3. Longest bone of the body_____
 4. Shortest Bone of the Body_____
 5. Biggest cell in human body_____
 6. Smallest cell in human bofy_____
 7. Skin is one type of _____ tissue
 8. Normal Hb level_____

Section II(Marks 37)

- Q.5** Draw the Digestive System and Describe stomach in Detail **10**
- Q.6** A) Structure and function of epithelial tissue **05**
B) Structure and function of Small intestine **05**
- Q.7** Write Short notes(Any Three) **12**
1. Ribs
 2. Mitochondria
 3. Types of muscle tissue
 4. Types of endoplasmic reticulum.
- Q.8** Write the functions of following (Any five) **05**
1. HCL
 2. Pepsin
 3. Tripsinogen
 4. Lysosome
 5. RBC
 6. WBC

Dinsha Patel College of Nursing
First Year B.Sc. Nursing
Second Term Test

Subject: Anatomy and Physiology

Date: 01/04/2019

Time: 9:30 to 12:30

Total: 75 Marks

Section I (Marks:38)

- Q.1 Describe Neuron in detail. 10
- Q.2 Describe the following in detail(Any Three) 09
1. Name the respiratory organ
 2. Cardiac cycle
 3. Cranial nerves
 4. Menstrual cycle
- Q.3 Write Short notes(Any Four) 12
1. Liver
 2. Uterus
 3. Autonomic Nervous System
 4. Classification of Joints
 5. Neuroglia
- Q.4 Fill in the Blanks (Any seven) 7
1. pH of stomach _____
 2. Normal C.S. F value _____
 3. Meningia means _____
 4. Extra cellular cation is _____
 5. Maximum length of axon _____
 6. SA node means _____
 7. Normal S_{Na} level _____
 8. Normal BMI level _____

Section II(Marks 37)

- Q.5 Describe anatomy and physiology of heart. 10
- Q.6 A) Classification of Bones 04
B) Cerebrum 04
- Q.7 Write Short notes(Any Four) 12
1. Spinal Cord
 2. Stomach
 3. Male reproductive system
 4. Types of muscles
- Q.8 Define of following (Any seven) 07
- | | | | |
|-----------|-----------------|-------------------|--------|
| 1. LH | 2. Tissue | 3. Cell | 4. RBC |
| 5. Larynx | 6. Urine Output | 7. Purkinje fiber | 8. WBC |

Dinsha Patel College of Nursing
First Year B.Sc. Nursing (2018-19)
Model-III Examination

Subject: Anatomy and Physiology

Date: 01/07/2019

Time: 10:00am to 1:00pm

Total: 75 Marks

Section I (Marks 38)

- Q.1 Describe Kidney. 10
- Q.2 Describe Hipbone 09
- Or
- Describe Uterus
- Q.3 Describe the following in detail (Any Three) 09
1. Classification of muscle
 2. Right lung
 3. Neuron
 4. Structure of skin
 5. Conduction system of heart
- Q.4 Define the following (Any Five) 10
1. Liver
 2. Parathyroid gland
 3. Epithelial Tissue
 4. Cell division
 5. Neuroglia
 6. Vas deference

Section II (Marks 37)

- Q.5 Describe stomach and gastric juice. 10
- Q.6 A) Classification of gland 08
- Or
- B) Physiology of hearing
- Q.7 Write Short notes (Any Three) 09
1. Mechanism of Respiration
 2. Autonomic Nervous System
 3. Menstrual Cycle
 4. Mechanism of Urine formation
 5. Blood group
- Q.8 Define of following (Any Five) 10
1. Nerve
 2. Cardiac cycle
 3. Cell
 4. Tissue
 5. GFR
 6. BMI

Dinsha Patel College of Nursing
First Year B.Sc. Nursing
First Term Test

Date: 18/12/2017

Time: 9:30am-12:30pm

Total Marks: 75

Subject: Anatomy and Physiology

Section I (Marks 38)

- Q.1** Draw the cell structure. Describe structure and function of cell. 10
- Q.2** Describe the following in detail (Any Three) 09
1. Scapula
 2. Cell division
 3. Uterus
 4. Menstrual cycle
- Q.3** Write Short notes (Any Four) 12
1. Name of external female reproductive organ
 2. Classification of bones
 3. Classification of joints
 4. Skull
 5. Ribs
- Q.4** Fill in the Blanks (Any seven) 7
1. Power house of the cell is _____
 2. Suicide sac of the cell is _____
 3. Longest bone of the body _____
 4. Shortest Bone of the Body _____
 5. Biggest cell in human body _____
 6. Smallest cell in human body _____
 7. Skin is one type of _____ tissue
 8. Normal Hb level _____

Section II (Marks 37)

- Q.5** Describe Tissues in detail 10
- Q.6** A) Structure and function of kidney 05
B) Structure and function of Bones 05
- Q.7** Write Short notes (Any Five) 10
1. Name the cells of connective tissue
 2. Hip Bone
 3. Mitochondria
 4. Types of muscle tissue
 5. List out the content of plasma
 6. Types of endoplasmic reticulum.
- Q.8** Write the full form of following (Any seven) 07
- | | | | |
|---------|--------|--------|--------|
| 1. FSH | 2. LH | 3. RNA | 4. DNA |
| 5. LHRH | 6. ATP | 7. RBC | 8. WBC |

Dinsha Patel College of Nursing
First Year B.Sc. Nursing
Second Term Test

Date: 12/03/2018

Time: 9:30am-12:30pm

Total Marks: 75

Subject: Anatomy and Physiology

Section I (Marks 38)

- Q.1 Draw the Digestive system. Describe structure and function of Stomach 10
- Q.2 Describe the following in detail(Any Three) 09
1. Liver
 2. Cardiac cycle
 3. Mechanism of urine formation
 4. Menstrual cycle
- Q.3 Write Short notes(Any Four) 12
1. Name the respiratory organ
 2. Kidney
 3. Factors affecting Blood Pressure
 4. Name the sensory organ
 5. Pancreas
- Q.4 Fill in the Blanks (Any seven) 7
1. GFR means _____
 2. Tidal Volume of lung _____
 3. Vital capacity means _____
 4. Asthma means _____
 5. Life span of RBC _____
 6. SA node means _____
 7. Skin is one type of _____ tissue
 8. Normal BMI level _____

Section II(Marks 37)

- Q.5 Describe heart. Conduction system of Heart 10
- Q.6 A) Mechanism of Respiration 05
B) Describe Kidney 05
- Q.7 Write Short notes(Any Five) 10
1. Name the circulation of the blood
 2. Gastric juice
 3. Trachea
 4. Cardiac muscles
 5. Right lung
 6. Cycle of respiration
- Q.8 Define of following (Any seven) 07
- | | | | |
|--------------------|-----------------|---------------------|--------|
| 1. Small intestine | 2. Nephron Unit | 3. Thrombocytopenia | 4. RBC |
| 5. Larynx | 6. Urine Output | 7. Purkinje fiber | 8. WBC |

Dinsha Patel College of Nursing
First Year B.Sc. Nursing (2017-2018)
Model Examination - III

Date: 25/06/2018

Time: 10:00am-01:00pm
Total Marks: 75

Subject: Anatomy and Physiology

<u>Section I (Marks:38)</u>				
Q.1	Describe structure of male reproductive system	10		
Q.2	Describe the following in detail(Any Three)	09		
	1. Gluteus Maximus			
	2. Hip bone			
	3. Structure of liver			
	4. Classification of tissue			
Q.3	Write Short Answers(Any Four)	08		
	1. Name the cranial nerve			
	2. Name the hormone secreted from anterior pituitary gland			
	3. Structure of skin			
	4. Right lung			
	5. List out lymphoid organ of body			
Q.4	Fill in the Blanks:	06		
	1. Length of Vas deference _____			
	2. Daily secretion of CSF is _____			
	3. Temperature regulating center is situated at _____			
	4. Respiration center is situated at _____			
	5. Stomach pH _____			
	6. Smallest bone of body is _____			
Q.5	State True or false	05		
	1. Optic nerve is a motor nerve			
	2. HCL is secreted from parietal cell.			
	3. Ovulation occurs at 28 days.			
	4. Parasympathetic nervous system increase digestion.			
	5. The length of small intestine is 5 meter.			
<u>Section II(Marks 37)</u>				
Q.6	Describe heart.	10		
Q.7	A) Action Potential	05		
	B) Physiology of vision	05		
Q.8	Write Short notes(Any Five)	10		
	1. Blood group			
	2. Conduction system of heart			
	3. CSF circulation			
	4. Cardiac muscles			
	5. Muscles of Thigh			
	6. Cycle of respiration			
Q.9	Define of following (Any seven)	07		
1.	Appendix	2. Synovial Joint	3. Thrombocytopenia	4. Neuroglia
5.	Larynx	6. Urine Output	7. Kuffer cell	8. Neuromuscular junction

Dinsha Patel College of Nursing
First Year B.Sc. Nursing
First Term Test

Date: 13/12/2016

Time: 10:00am-12:00pm

Total Marks: 50

Subject: Anatomy and Physiology

- Q.1** Draw the cell structure. Describe structure and function of cell. **10**
- OR
- Q.1** Describe microscopic structure of Nephron **10**
- Q.2** Describe the following in detail(Any Two) **16**
1. Classification of tissue
 2. Structure and function of bones
 3. Mechanism of urine formation
- Q.3** Write Short notes(Any Four) **24**
1. Innominate bone
 2. Connective tissue
 3. Cell division
 4. Classification of bones
 5. Scapula
-

Dinsha Patel College of Nursing
First Year B.Sc. Nursing
Model -II
Subject: Anatomy and Physiology

Date: 14/03/17

Time: 9:30-11:30am

Total Marks: 50

- | | | |
|-----------|---|----------|
| Q.1 | A. Draw and describe Female Reproductive system
B. Describe cell | 08
08 |
| Q.2 | Describe muscle of thigh | 05 |
| Or | | |
| Q.2 | Describe cerebrum | 05 |
| Q.3 | Describe the following in detail(Any four)
1. Menstrual cycle
2. Testes
3. Sympathetic and Parasympathetic Nervous System
4. Classification of muscles
5. Stomach | 24 |
| Q.4 | Write the following (Any Five)
1. _____%of seminal fluid forms by seminal vesicles

2. Three salivary glands are _____
3. Name of the neuroglia cells _____
4. Length of Axon is _____
5. Temperature regulating center is situated at _____
6. Glomerular filtration rate is _____ | 05 |

Dinsha Patel College of Nursing
First Year B.Sc. Nursing
Model-I

Date: 07/12/2015

Time: 9:30-11:30pm

Subject: Anatomy and Physiology

- | | |
|---|----|
| Q.1 Draw the cell structure. Describe classification of tissue. | OR |
| 10 | |
| Describe pituitary gland and hormone | |
| Q.2 Describe the following in detail (Any Two) | 16 |
| 1. Structure of bone | |
| 2. Thyroid gland | |
| 3. Liver | |
| Q.3 Write Shortnotes (Any Three) | 24 |
| 1. Skull | |
| 2. Cell division | |
| 3. Gastric juice | |
| 4. Pancreas | |

Dinsha Patel College Of Nursing, Nadiad
F.Y.B.sc Nursing
Subject: - Nutrition- Biochemistry
2nd Model Exam

Date: - 29/3/2016

Total Marks = 50

NUTRITION

Q-1 Define the following (any 3)

(6)

- a) Food additives
- b) BMI
- c) Food hygiene
- d) Energy

Q-2 Write source of following (any 2)

(4)

- a) Iron
- b) Vitamin-A
- c) Protein

Q-3 Write short-note (any 3)

(15)

- a) Minerals
- b) Methods of cooking
- c) Function of water
- d) Explain fat soluble vitamins & its deficiency diseases.

Q-4 Explain the importance of learning nutrition in nursing.

(5)

BIOCHEMISTRY

Q-1 Write short notes (any 2)

(10)

- a) TCA cycle
- b) Glycolysis in RBC
- c) Urea cycle and its disorder

Q-2 Answer the following (any two)

(4)

- a) Mucopolysaccharide
- b) Biochemical role of vitamin C
- c) Biochemical role of vitamin A

Q-3 Answer the following (any 6)

(6)

- a) Define hyperglycemia
- b) Why is ammonia toxic to brain?
- c) Write name of antioxidant vitamins
- d) In liver failure, blood urea level is low.
- e) Glucose is the only source of energy for RBC
- f) Too much or too little sunlight is harmful to health
- g) Vitamin C is essential for proper collagen synthesis
- h) For the blood sugar estimation, blood samples are collected in the fluoride bulbs, why?

DINSHA PATEL COLLEGE OF NURSING, NADIAD

YEAR : FIRST YEAR B.SC(N)

MODEL EXAMINATION-1

SUBJECT : NUTRITION

BATCH:2014-2015

HOUR

HOUR : 2

DATE :26/12/2014

Note : All questions must be attended

Time: 10:00 to 12:00

Total : 50 Marks

Q.1 Define the followings.(any 5x2)

- | | | |
|--------------|-----------------|-----------------|
| 1) Nutrition | 3) BMI | (10) |
| 2) Health | 4) Adulteration | 5) Malnutrition |
| | | 6) Energy |

Q.2

- a) Define CHO. (02)
- b) Write down the classification of CHO. (03)
- c) Functions of CHO. (05)

OR

- a) Define lipid. (02)
- b) Classification of lipid. (03)
- c) Digestions and absorption of lipid. (05)

Q.3 Write Short-Notes.(any 5x5) (25)

- 1) Functions of Protein.
- 2) Factors affecting Food and Nutrition.
- 3) Digestion of CHO.
- 4) Role of nutrition in nursing.
- 5) Write down the nutritional problems in India.
- 6) Write down the role of nutrition in Health.

Q.4 Fill in the Blanks. (05)

- 1) NNP stands for _____.
- 2) _____ is the reserved polysachharides in the body.
- 3) Excess of glucose converted into _____ and _____.
- 4) CHO provides _____ calories per gram.
- 5) Amino acids of protein are linked to each other by a _____ linkage.



DINSHA PATEL, COLLEGE OF NURSING
FIRST YEAR BASIC B.SC. NURSING
MODEL EXAMINATION - II
SUBJECT: Psychology

DATE: 26/03/2015

TOTAL MARKS: 50

TIME: 10:00 TO 12:00DM

Q.1 Define the following(any five) 10

✓ 1. Aptitude

✓ 2. Forgetting

✓ 3. Perception

✓ 4. Thinking

✓ 5. Learning

✓ 6. Intelligent

Q.2 Describe the following (any five) 40

✓ 1. Measurement of aptitude

✓ 2. Determinant and factors affecting to attention ✓

✓ 3. Principles of perception ✓

✓ 4. Factors affecting to learning ✓

✓ 5. Describe memory ✓

✓ 6. Types of thinking

7. Any two theory of intelligent

✓ 8. Concept of aptitude



DINSHA PATEL, COLLEGE OF NURSING
FIRST YEAR BASIC B.SC. NURSING
MODEL EXAMINATION - III

SUBJECT: Psychology

TOTAL MARKS: 75

DATE: 02/07/2015

TIME: 9:30 TO 12:30DM

SECTION - I

- ~~Q.1~~ What is psychology? Explain goal of psychology and its relavanceto nursing 10
~~Q.2~~ Explain structure and function of brain 10
~~Q.3~~ Define perception. Describe principle of perception 10
Q.4 Write short notes(Any One) 08

1. Emotion in health and illness

~~2.~~ Stages and types of memory

SECTION- II

- ~~Q.5~~ What is personality? Explain any one theory of personality. *jeem* 10
~~Q.6~~ Psychology of old age person. 10
~~Q.7~~ What is motivation. List out its types and explain theories of motivation. 10
Q.8 Write any one short note. 07

1. Types of conflict

~~2.~~ Describe psychosocial developmentof personality



DINSHA PATEL COLLEGE OF NURSING, NADIAD

MODEL EXAMINATION-2

YEAR : FIRST YEAR B.SC

BATCH: 2013- 14

SUBJECT : NUTRITION & BIO-CHEMISTRY

HOUR : 2 HOUR

DATE : 25/03/2014

Time : 02:00 to 04:00

Note : All questions must be attended

Total : 50 Marks

SECTION-I

- Q-1(a) Malnutrition of protein 5
(b) Write in detail about functions of fat & carbohydrates 5
- Q-2(a) List down the factors affecting food and nutrition 2
(b) Write about role of nutrition in maintenances of Health 5
- Q-3 Write Short Answer 4
(a) Write Classification of vitamins
(b) Classification of minerals
- Q-4 Write Definitions 4
(a) Nutrition (b) BMR

SECTION – II

- Q-5 Fill up the blanks 4
(1) The term suicidal bags are used for _____.
(2) _____ are called protein factories of the cell.
(3) Carrier proteins undergo _____ change during transport.
(4) Tight junctions are especially prominent in _____ epithelial cells.
- Q-6 Define the following terms 6
(1) Homoeostasis (2) Acids & Bases
(3) Osmosis (4) Plasmolysis
(5) Buffer
- Q-7 Write Short Notes 15
(1) Simple Diffusion
(2) Blood Buffer
(3) Types of Proteins
(4) Glycolysis



29 0

DINSHA PATEL COLLEGE OF NURSING, NADIAD
2ND INTERNAL EXAMINATION

YEAR : FIRST YEAR B.SC

BATCH: 2012- 13

SUBJECT : PSYCOLOGY

DATE : 09/03/2013

Time : 09:30 to 11:30

Note : All questions must be attend

Total : 50 Marks

SECTION - 1

Q 1 Explain any ONE of the following in detail.

10

✓ Define Learning. Explain the concept of classical conditioning with suitable example. 7

OR

Define and Explain types of Memory.

15

Q 2 Write Short-Notes of any THREE of the following.

- 1) ✓ Factors affecting Memory 4
- 2) ✓ Laws of Learning 2
- 3) ✓ Types of Thinking
- 4) ✓ How can you develop study habits? 2

SECTION - 2

Q 3 Explain any ONE of the following in detail.

10

✓ What is Motivation? Explain Physiological Motives in detail. 6

OR

Define Thinking. Explain Levels of Thinking.

15

Q 4 Write Short Notes of any THREE of the following

- 1) ✓ Problem solving 1/2
- 2) ✓ Principles of operant conditioning
- 3) ✓ Types of Transfer in Learning
- 4) ✓ Motivation Cycle 3



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Best of luck