

Date : 18-07-2011, Monday]

[Max. Marks : 75

Time : 3 Hours]

- Instructions :
- (1) Use separate answer books for each section.
 - (2) Figure to the right indicates marks.
 - (3) Draw diagram wherever necessary.
 - (4) Write legibly.

SECTION I

- 1 Write short notes on (any three) : 21
- ✓ (a) Name the different endocrine glands of the body. Describe Pituitary gland in detail.
 - (b) Classification of muscles with examples
 - ✓ (c) Connective tissues of body
 - (d) Describe anatomy of tongue
 - ✓ (e) Describe anatomy of liver.
- 2 Write short notes on (any two) : 16
- (a) Left atrium & left ventricle
 - ✓ (b) Spinal cord
 - ✓ (c) Uterine tube
 - (d) Broncho-pulmonary segments.

SECTION II

- 3 Write briefly : Functions of the Heart. 10
- OR
- 3 Write briefly : Function of the Stomach. 10
- 4 Write name of the respiration system and function of the lungs. 12
- 5 Write short notes on (any four) : 16
- ✓ (a) Connection, functions and disorders of cerebellum
 - (b) Function of the middle ear
 - ✓ (c) Thyroid hormones
 - ✓ (d) Mechanism of urinformation
 - ✓ (e) Function of the R.B.C.
 - (f) Function of the testosterone
 - (g) Antibodies.

Date : 27-07-2012, Friday]

Time : 3 Hours]

[Max. Marks : 75

- Instructions :
- (1) Use separate answer books for each section.
 - (2) Figure to the right indicates marks.
 - (3) Draw diagram wherever necessary.
 - (4) Write legibly.

SECTION - I

Q - 1 Write short notes on (any three): 21

- (a) Enumerate the sensory organs of the body. Describe the skin in detail.
- (b) Describe anatomy of left lung with its applied aspects.
- (c) Ventricles of heart
- (d) Classification of bones
- (e) Muscles of lower limb

Q - 2 Write short notes on (any two): 16

- (a) Draw & label the parts of female reproductive system. Describe uterus in detail.
- (b) Give classification of nervous system & describe cerebrum in detail.
- (c) Enumerate the parts of urinary system. Describe kidneys in detail.
- (d) Give classification of glands. Describe pancreas in detail.

Section - 2

Q No3:-Describe functions of kidney. 10

Or

QNo3:- Write names of various endocrine glands present in the human body and the hormones secreted by them. 10

QNo 4:- What are the functions of skin? 12

QNo 5:-Write short notes on (Any four) 16

- (a) Mechanism of breathing
- (b) Functions of WBC
- (c) Blood transfusion ✓
- (d) Functions of saliva ✓
- (e) Female sexual cycle ✓
- (f) Functions of neurons ✓
- (g) Factors influencing blood pressure

First B.Sc. (Nursing) Examination

Anatomy and Physiology

Date : 18-07-2011, Monday]

[Max. Marks : 75

Time : 3 Hours]

- Instructions : (1) Use separate answer books for each section.
 (2) Figure to the right indicates marks.
 (3) Draw diagram wherever necessary.
 (4) Write legibly.

SECTION I

- 1 Write short notes on (any **three**) : *Anatomy of heart* 21
 (a) Name the different endocrine glands of the body. Describe Pituitary gland in detail.
 (b) Classification of muscles with examples
 (c) Connective tissues of body
 (d) Describe anatomy of tongue
 (e) Describe anatomy of liver.
- 2 Write short notes on (any **two**) : 16
 (a) Left atrium & left ventricle
 (b) Spinal cord
 (c) Uterine tube
 (d) Broncho-pulmonary segments.

SECTION II

- 3 Write briefly : Functions of the Heart. 10
- OR
- 3 Write briefly : Function of the Stomach. 10
- 4 Write name of the respiration system and function of the lungs. 12
- 5 Write short notes on (any **four**) : 16
 (a) Connection, functions and disorders of cerebellum
 (b) Function of the middle ear
 (c) ~~Thyroid~~ hormones
 (d) Mechanism of urinformation
 (e) Function of the R.B.C.
 (f) Function of the testosterone
 (g) Antibodies.

First Year B.Sc. (Nursing) Examination
Anatomy and Physiology

Date : 22-08-2017, Tuesday]

[Max. Marks : 75

[Time : 3 Hours

- Instructions : (1) Answer to the point.
(2) Figure to the right indicates marks.
(3) Draw diagrams wherever necessary.
(4) Write legibly.
(5) Use separate answer books for each section.

SECTION-A

Q-1 Name the various organs of excretory system & Describe Kidney in detail with diagram. (10)

OR

Q-1 Name the various organs of Respiratory system & Describe lungs in detail with diagram. (10)

Q-2 Write Short notes (Any three) : 7*3 = (21)

- (a) Types of Circulation (b) Liver
(c) Neuroglial Cells (d) Classification of Bone

Q-3 Briefly answer following (Any Three) 2*3= (6)

- (a) Types of Anastomosis and give example of each
(b) Explain Anatomical Position, Supine Position, Prone Position
(c) Explain types of Neuron and example of each
(d) Explain Deltoid muscle

SECTION-B

Q-4 Movement of Gastro Intestinal Tract (10)

OR

Q-4 Explain the process of urine formation with diagram (10)

Q-5 Write Short Notes (Any Four) 5*4 (20)

- a) Cardiac Cycle
b) Immunity
c) Menstrual Cycle
d) Neuromuscular Junction and its transmission
e) Pyramidal Tract

Q-6 Briefly answer following (Any Four) 2*4 (08)

- a) Function of saliva
b) Composition of Urine
c) Explain Error of refraction
d) List out all Cranial Nerves.
e) Function of Piatlets

1/1039

0816E185

Candidate's Seat No :

First Year B.Sc. (Nursing) Examination
Anatomy and Physiology

Date : 06-08-2016, Saturday]
Time : 3 Hours]

[Max. Mark

- Instructions :
- (1) Answer to the point.
 - (2) Figure to the right indicate marks.
 - (3) Write legibly.
 - (4) Draw diagrams wherever necessary.
 - (5) Use separate answer books for each section.

SECTION -A

Q-1 Name the various organs of digestive system & Describe stomach in detail with diagram. (1
OR

Q-1 Name the various organ of Respiratory system & Describe Lungs in detail with diagram (10

Q-2 Write Short notes (any three)

- a) Structure of cell
b) Heart
c) Neurones and its types
d) Types of Joints
- 7*3= (21)

Q-3 Briefly answer following (any three)

- a) What is Bone? Give Examples of long bone.
b) What is Tissue? List out the types of tissue
c) What is Trapezius Muscle?
d) What is ovary?
- 2*3= (06)

SECTION -B

Q-4 Explain the Physiology of Reflex arc. (10)
OR

Q-4 Explain the process of urine formation with Diagram (10)

Q-5 Write Short notes (any four)

- a) Functions of Liver
b) Conduction system of the heart
c) Regulations of Blood pressure
d) Functions of all sensory organs.
e) Name out the all endocrinal glands and write down functions of thyroid gland
- 5*4= (20)

Q-6 Briefly answer following (any four)

- a) Functions of RBC.
b) What is Homeostasis?
c) List out all Cranial Nerves.
d) Define immunity.
e) Define Tidal Volume of lungs.
- 2*4= (08)

First B.Sc. (Nursing) Examination

Anatomy and Physiology

Date : 18-07-2011, Monday]

[Max. Marks : 75

Time : 3 Hours]

- Instructions : (1) Use separate answer books for each section.
 (2) Figure to the right indicates marks.
 (3) Draw diagram wherever necessary.
 (4) Write legibly.

SECTION I

- 1 Write short notes on (any three) : 21
- (a) Name the different endocrine glands of the body. Describe Pituitary gland in detail. ✓
- (b) Classification of muscles with examples ✓
- (c) Connective tissues of body ✓
- (d) Describe anatomy of tongue (329) ✓
- (e) Describe anatomy of liver. (347) ✓
- 2 Write short notes on (any two) : 16
- (a) Left atrium & left ventricle ✓
- (b) Spinal cord (230) ✓
- (c) Uterine tube ✓
- (d) Broncho-pulmonary segments. ✓

SECTION II

- 3 Write briefly : Functions of the Heart. ✓ 10
- OR
- 3 Write briefly : Function of the Stomach. (336) ✓ 10
- 4 Write name of the respiration system and function of the lungs. ✓ 12
- 5 Write short notes on (any four) : 16
- (a) Connection, functions and disorders of cerebellum ✓
- (b) Function of the middle ear (275) ✓
- (c) Thyroid hormones ✓
- (d) Mechanism of urinformation ✓
- (e) Function of the R.B.C. (248) ✓
- (f) Function of the testosterone ✓
- (g) Antibodies. ✓

First Year B.Sc. (Nursing) Examination
Anatomy and Physiology

Time: 3 Hours]

[Maxi. Marks : 75

- Instructions : (1) Write each section in a separate answer book.
(2) Write to the point.
(3) Draw diagrams wherever necessary.

SECTION I : (Anatomy)

1 Write short notes on (any three) :

- (a) Anatomy of duodenum (337)
- (b) Describe Anatomy of heart
- (c) Classification of bone
- (d) Skeletal muscle
- (e) Anatomy of testes. (380)

21

2 Write short notes on (any two) :

- (a) Cerebellum (245)
- (b) Tongue (329)
- (c) Anatomy of Trachea (355)
- (d) Anatomy of Liver (342)

16

SECTION II : (Physiology)

3 Write short notes on (any three) :

- (a) Physiology of muscle contraction
- (b) Immunity
- (c) Functions of R.B.C. (248)
- (d) Nephron (255)
- (e) Hormones of anterior pituitary & functions of growth hormone (254, 255)
- (f) Cardiac cycle. (272)

24

4 Write in short (any two) :

- (a) Transport of respiratory gases in bloods
- (b) Reflex arc (228)
- (c) Errors of refraction
- (d) Functions of bile.

14

- Instructions : (1) Use separate answer books for each section.
 (2) Figure to the right indicates marks.
 (3) Draw diagram wherever necessary.
 (4) Write legibly.

SECTION - I

Q-1 Write short notes on (any three): 21

- (a) Enumerate the sensory organs of the body. Describe the skin in detail.
 (b) Describe anatomy of left lung with its applied aspects.
 (c) Ventricles of heart
 (d) Classification of bones
 (e) Muscles of lower limb

Q-2 Write short notes on (any two): 16

- (a) Draw & label the parts of female reproductive system. Describe uterus in detail.
 (b) Give classification of nervous system & describe cerebrum in detail.
 (c) Enumerate the parts of urinary system. Describe kidneys in detail
 (d) Give classification of glands. Describe pancreas in detail

Section -2

Q No3: Describe functions of kidney. 10

Or

QNo3:- Write names of various endocrine glands present in the human body and the hormones secreted by them. 10

QNo 4:- What are the functions of skin? 12

QNo 5:- Write short notes on (Any four) 16

- (a) Mechanism of breathing
 (b) Functions of WBC
 (c) Blood transfusion
 (d) Functions of saliva
 (e) Female sexual cycle.
 (f) Functions of neurons
 (g) Factors influencing blood pressure

1/1178

0817E006

Candidate's Seat No : 540

First Year B.Sc. (Nursing) Examination
Anatomy and Physiology

Date : 22-08-2017, Tuesday]

[Max. Marks : 75

[Time : 3 Hours

- Instructions :
- (1) Answer to the point.
 - (2) Figure to the right indicates marks.
 - (3) Draw diagrams wherever necessary.
 - (4) Write legibly.
 - (5) Use separate answer books for each section.

SECTION-A

Q-1 Name the various organs of excretory system & Describe Kidney in detail with diagram. (10)

OR

Q-1 Name the various organs of Respiratory system & Describe lungs in detail with diagram. (10)

Q-2 Write Short notes (Any three) 7*3 = (21)

- (a) Types of Circulation
- (b) Liver
- (c) Neuroglial Cells
- (d) Classification of Bone

Q-3 Briefly answer following (Any Three) 2*3= (6)

- (a) Types of Anastomosis and give example of each
- (b) Explain Anatomical Position, Supine Position, Prone Position
- (c) Explain types of Neuron and example of each
- (d) Explain Deltoid muscle

SECTION-B

Q-4 Movement of Gastro Intestinal Tract (10)

OR

Q-4 Explain the process of urine formation with diagram (10)

Q-5 Write Short Notes (Any Four) 5*4 (20)

- a) Cardiac Cycle
- b) Immunity
- c) Menstrual Cycle
- d) Neuromuscular Junction and its transmission
- e) Pyramidal Tract

Q-6 Briefly answer following (Any Four) 2*4 (08)

- a) Function of saliva
- b) Composition of Urine
- c) Explain Error of refraction
- d) List out all Cranial Nerves.
- e) Function of Piatlets

Candidate's Seat No : _____

AHMEDABAD INSTITUTE OF NURSING SCIENCE

First Year B. Sc. Nursing Examination

Subject : Anatomy and Physiology

Date : 07/06/10]

Time : 3 Hours]

[Maxi. Marks : 75

- Instructions :
- 1) Write each section in separate answer sheet
 - 2) All questions are compulsory
 - 3) Draw diagrams wherever necessary
 - 4) Figure right to indicate full marks
 - 5) Write legibly

SECTION - I

- Q : 1 Write short notes on following (any three): 7*3=21
- a) Classification of muscle. ✓
 - b) Anatomy of heart. ✓
 - c) Anatomy of liver. (347) ✓
 - d) Duodenum. (337) ✓
 - e) Trachea. (305) ✓

- Write short notes on following (any two): 8*2=16
- a) Anatomy of kidney. (353) ✓
 - b) Anatomy of uterus. ✓
 - c) Anatomy of cerebellum. (245) ✓
 - d) Anatomy of cerebrum. (236) ✓

SECTION - II

- Q : 1 Write short notes on following (any three) : 8*3=24
- a) Hemostasis. ✓
 - b) Menstrual Cycle ✓
 - c) Suprarenal glands ✓
 - d) Renin - angiotensin - aldosterone system ✓
 - e) Cerebellum (245) ✓

- Q : 2 Write short notes on following (any two): 7*2=14
- a) Errors of refraction ✓
 - b) Functions of bile ✓
 - c) Mechanism of urine formation ✓
 - d) Synapse (224) ✓

----- BEST OF LUCK -----

First Year B.Sc. (Nursing) Examination
Anatomy and Physiology

Time: 3 Hours]

[Maxi. Marks : 75

- Instructions : (1) Write each section in a separate answer book.
(2) Write to the point.
(3) Draw diagrams wherever necessary.

SECTION I : (Anatomy)

1 Write short notes on (any three) :

- (a) Anatomy of duodenum (337)
- (b) Describe Anatomy of heart
- (c) Classification of bone
- (d) Skeletal muscle
- (e) Anatomy of testes. (330)

21

2 Write short notes on (any two) :

- (a) Cerebellum (345)
- (b) Tongue (329)
- (c) Anatomy of Trachea (325)
- (d) Anatomy of Liver (342)

16

SECTION II : (Physiology)

3 Write short notes on (any three) :

- (a) Physiology of muscle contraction
- (b) Immunity
- (c) Functions of R.B.C. (248)
- (d) Nephron (255)
- (e) Hormones of anterior pituitary & functions of growth hormone (254, 255)
- (f) Cardiac cycle. (272)

24

4 Write in short (any two) :

- (a) Transport of respiratory gases in bloods
- (b) Reflex arc (228)
- (c) Errors of refraction
- (d) Functions of bile.

14

Date : 18-07-2011, Monday]

Time : 3 Hours]

[Max. Marks : 75

- Instructions : (1) Use separate answer books for each section.
 (2) Figure to the right indicates marks.
 (3) Draw diagram wherever necessary.
 (4) Write legibly.

SECTION I

1 Write short notes on (any three) :

- (a) Name the different endocrine glands of the body. Describe Pituitary gland in detail.
 (b) Classification of muscles with examples
 (c) Connective tissues of body
 (d) Describe anatomy of tongue
 (e) Describe anatomy of liver.

21

2 Write short notes on (any two) :

- (a) Left atrium & left ventricle
 (b) Spinal cord
 (c) Uterine tube
 (d) Broncho-pulmonary segments.

16

SECTION II

3 Write briefly : Functions of the Heart.

10

OR

3 Write briefly : Function of the Stomach.

10

4 Write name of the respiration system and function of the lungs.

12

5 Write short notes on (any four) :

- (a) Connection, functions and disorders of cerebellum
 (b) Function of the middle ear
 (c) Thyroid hormones
 (d) Mechanism of urinformation
 (e) Function of the R.B.C.
 (f) Function of the testosterone
 (g) Antibodies.

16

Date : 18-07-2011, Monday]

Time : 3 Hours]

[Max. Marks : 75

- Instructions : (1) Use separate answer books for each section.
 (2) Figure to the right indicates marks.
 (3) Draw diagram wherever necessary.
 (4) Write legibly.

SECTION I

- 1 Write short notes on (any three) : *Anatomy of heart* 21
- (a) Name the different endocrine glands of the body. Describe Pituitary gland in detail.
 (b) Classification of muscles with examples
 (c) Connective tissues of body
 (d) Describe anatomy of tongue
 (e) Describe anatomy of liver.
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SECTION II

- 3 Write briefly : Functions of the Heart. 10
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- (a) Connection, functions and disorders of cerebellum
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 (g) Antibodies.