

[LL 0817]

AUGUST 2017

Sub. Code: 1822

DIPLOMA IN HEALTH CARE AIDE
FIRST YEAR
PAPER II – ANATOMY & PHYSIOLOGY

Q.P. Code: 841822

Time : Three Hours

Maximum : 100 Marks

Answer All questions.

I. Elaborate on:

(3 x 10 = 30)

1. Describe the structure and functions of the Eye with diagram.
2. Enumerate the parts of the Respiratory system. Explain in detail about the Lungs.
3. Write in detail about male reproductive system.

II. Write notes on:

(10 x 5 = 50)

1. Blood supply to the Heart.
2. Mechanism of clotting.
3. Cranial nerves.
4. Chambers of the Heart.
5. Pelvic cavity.
6. Classification of bones.
7. Nephron.
8. Meninges.
9. Micturition.
10. Pulmonary circulation.

III. Short answers on:

(10 x 2 = 20)

1. Valves of the Heart.
2. Supra renal gland.
3. Functions of tongue.
4. Electrocardiogram.
5. Cell.
6. Define pulse.
7. Explain the terms Anterior, Posterior, Inferior, Superior.
8. Composition of urine.
9. Ureter.
10. Parts of brainstem.

**DIPLOMA IN HEALTH CARE AIDE
FIRST YEAR
PAPER II – ANATOMY & PHYSIOLOGY**

Q.P. Code: 841822

Time : Three Hours

Maximum : 100 Marks

Answer All questions.

I. Elaborate on:

(3 x 10 = 30)

1. Describe the structure and functions of the Heart.
2. Name the various organs of the Digestive system. Write in detail about the stomach and its Function.
3. Describe the vertebral column and its function.

II. Write notes on:

(10 x 5 = 50)

1. Functions of Nose.
2. Micturition.
3. Hormones secreted by anterior pituitary gland.
4. Classification of nervous system.
5. Structure of skin.
6. Diaphragm.
7. Menstrual cycle.
8. Composition of blood.
9. Membranes.
10. Types of respiration.

III. Short answers on:

(10 x 2 = 20)

1. Intercostal space.
2. Auditory Ossicles.
3. Types of salivary glands.
4. Define the terms Median and Medial.
5. Define Hypertension.
6. Joints of upper limb.
7. Lobes of lungs.
8. Neuron.
9. Glomerulus.
10. Taste buds.

[LN 0818]

AUGUST 2018

Sub. Code: 1822

**DIPLOMA IN HEALTH CARE AIDE
FIRST YEAR
PAPER II – ANATOMY & PHYSIOLOGY**

Q.P. Code: 841822

Time : Three Hours

Maximum : 100 Marks

Answer All questions.

I. Elaborate on:

(3 x 10 = 30)

1. Write in detail about the structure and function of Heart.
2. List out the special sense organs of the body. Write in detail about the structure and function of Eye.
3. Write in detail about the Digestive system.

II. Write notes on:

(10 x 5 = 50)

1. Classify Joints. Give examples.
2. Erythropoiesis.
3. Menstrual cycle.
4. Role of bile in Digestion.
5. Cardiac cycle.
6. Structure and function of skin.
7. Structure and function of spinal cord.
8. Micturition.
9. Components of Male reproductive system.
10. Regulation of Blood pressure.

III. Short answers on:

(10 x 2 = 20)

1. Explain the terms ANTERIOR and POSTERIOR.
2. Types of Muscle.
3. Define Respiratory rate.
4. Hormones secreted by Anterior Pituitary.
5. Define Fever.
6. Hemoglobin.
7. Parts of a Neuron.
8. Normal CSF pressure.
9. Endocrine glands of the body.
10. Clotting time.

**DIPLOMA IN HEALTH CARE AIDE
FIRST YEAR
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Q.P. Code: 841822

Time : Three Hours

Maximum : 100 Marks

Answer All questions.

I. Elaborate on:

(3 x 10 = 30)

1. Enumerate the parts of Respiratory system. Write in detail about the structure and function of Lungs.
2. Write in detail about the structure and Function of Brain.
3. Describe in detail the organs of Female Reproductive system.

II. Write notes on:

(10 x 5 = 50)

1. Classify Bones. Give examples.
2. Difference between cardiac muscle and skeletal muscle.
3. Lymphoid organs of the body.
4. Composition of Blood.
5. Structure and function of Nephron.
6. Conducting system of Heart.
7. Structure of Neuron.
8. Erythrocytes.
9. Cardiac output.
10. Cerebrospinal fluid.

III. Short answers on:

(10 x 2 = 20)

1. Normal Anatomical position.
2. Basic tissues of the body.
3. Define Pulse.
4. Exocrine secretions of Pancreas.
5. Chambers of heart.
6. Hormones secreted by adrenal gland.
7. Tidal volume.
8. List the organs of excretory system.
9. Parts of Ear.
10. Function of Platelets.

[LP 0819]

AUGUST 2019

Sub. Code: 1822

**DIPLOMA IN HEALTH CARE AIDE
FIRST YEAR
PAPER II – ANATOMY & PHYSIOLOGY**

Q.P. Code: 841822

Time : Three Hours

Maximum : 100 Marks

Answer All questions.

I. Elaborate on:

(3 x 10 = 30)

1. Explain the Joints, its classifications, structures and Functions.
2. Draw the structure of the cell and write its functions in detail.
3. Write the composition and functions of blood.

II. Write notes on:

(10 x 5 = 50)

1. Functions of Kidney.
2. Draw the diagram of Skin.
3. Name the Cranial nerves.
4. Food digestion in Stomach.
5. Nephron.
6. Functions of Bone.
7. Secretions of Pancreas.
8. Conducting system of the Heart.
9. Uterus.
10. Muscular Tissue.

III. Short answers on:

(10 x 2 = 20)

1. Fertilization.
2. Functions of Tongue.
3. Parts of Brain.
4. Diabetes mellitus.
5. Define Menopause.
6. Define Blood pressure.
7. Name any two Flat bones.
8. Difference between Right and Left Lung.
9. Name the salivary glands.
10. Stages of Cardiac cycle.

[LQ 0220]

FEBRUARY 2020

Sub. Code: 1822

**DIPLOMA IN HEALTH CARE AIDE
FIRST YEAR
PAPER II – ANATOMY & PHYSIOLOGY**

Q.P. Code: 841822

Time : Three Hours

Maximum : 100 Marks

Answer All questions.

I. Elaborate on:

(3 x 10 = 30)

1. Draw & label a neat diagram of Male reproductive system, Add a note on it.
2. Explain in detail about the heart.
3. Name the parts of the respiratory system, Explain in detail about the lungs.

II. Write notes on:

(10 x 5 = 50)

1. Draw a neat diagram of stomach and explain digestion in stomach.
2. Cerebro-Spinal fluid.
3. Placenta
4. Draw the diagram of liver and explain its functions.
5. Urinary bladder.
6. Functions of skin.
7. Blood grouping.
8. Physiology of vision.
9. Diabetes mellitus.
10. Name the bones present in upper limb.

III. Short answers on:

(10 x 2 = 20)

1. Phases of menstrual cycle.
2. Functions of spleen.
3. Parts of small intestine.
4. Uterus.
5. Diaphragm.
6. Muscles of respiration.
7. Bones of lower limb.
8. Layers of the eye ball.
9. Ovulation.
10. Draw the diagram of neuron.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[AHS 0122]

JANUARY 2022

Sub. Code: 1822

(FEBRUARY 2021 & AUGUST 2021 EXAM SESSION)

**DIPLOMA IN HEALTH CARE AIDE
FIRST YEAR (Regulation 2016-2017)
PAPER II – ANATOMY AND PHYSIOLOGY
*Q.P. Code : 841822***

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(3 x 10 = 30)

1. Describe the types, structure and functions of muscular tissue.
2. Mention the parts of the gastrointestinal tract. Describe the parts and process of digestion in the stomach.
3. Mention the parts of respiratory system. Explain the mechanism of gas exchange in lungs.

II. Write notes on:

(10 x 5 = 50)

1. Synovial joints
2. Blood supply of heart
3. Types and functions of White blood cells.
4. Parts of a Long bone. Give two examples of long bone.
5. Neuron
6. Triceps brachii muscle
7. Urinary bladder
8. Physiology of hearing
9. Structure and functions of skin
10. Pancreas

III. Short answers on:

(10 x 2 = 20)

1. Hip bone
2. Anaemia
3. Define pulse rate
4. Define the terms Medial and Lateral
5. Name any two pituitary hormones
6. Name the valves of heart
7. Parts of uterus
8. Parts of central nervous system
9. Sesamoid bones
10. Name any two Blood products and their uses.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[AHS 0321]

MARCH 2021

Sub. Code: 1822

(AUGUST 2020 EXAM SESSION)

DIPLOMA IN HEALTH CARE AIDE

FIRST YEAR (Regulation 2016-2017)

PAPER II – ANATOMY AND PHYSIOLOGY

Q.P. Code : 841822

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(3 x 10 = 30)

1. Classify joints. Describe synovial joints in detail.
2. Draw and label the structure of cell. Explain various cell organelles in detail.
3. Describe the external features, chambers, valves, conductive system and blood supply of Heart.

II. Write notes on:

(10 x 5 = 50)

1. Nephron
2. Muscular tissue
3. Blood grouping and cross matching
4. Menstrual cycle
5. Vertebral column
6. Biceps brachii muscle
7. Structure of spermatozoa
8. Physiology of Vision
9. Physiology of Respiration
10. Pituitary hormones

III. Short answers on:

(10 x 2 = 20)

1. Name any two endocrine glands
2. Mention any two flat bones
3. Types of cartilage
4. Define the terms Anterior and Posterior
5. Name the cranial nerves supplying eye
6. Functions of skin
7. Define Blood pressure
8. Functions of Kidney
9. Leucocytosis
10. Secretions of Stomach
