

PARAMEDICAL BOARD, BANGALORE
ANNUAL EXAMINATION AUGUST - 2018

II YEAR DIPLOMA IN MEDICAL LABORATORY TECHNOLOGY
TIME 3 HRS. **MAX. MARKS: 100.**
GENERAL INSTRUCTIONS:

- i) The question paper has two parts A and B. Both the parts are compulsory.
ii) Write neat diagrams wherever necessary, Handwriting should be legible.

Subject: Anatomy

Q P CODE: 5101

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

1. Classify bones with examples
2. Write about the ear
3. Describe the gluteus maximus muscle
4. Describe the veins of upper extremity
5. Describe the humerus bone

II. Short answers 10 X 3 = 30 marks

6. Name the nerves of brachial plexus
7. Name the muscles in hand
8. Name parts of hip bone
9. Name the joints of lower extremity
10. Name the muscles supplied by femoral nerve
11. Name the contents of cubital fossa
12. Name the bones and cartilages of nose
13. Write about adductor canal
14. Name the contents of femoral sheath
15. Name the nerves of tongue

VIDYA INSTITUTE OF PARA MEDICAL SCIENCES
(College Code - 342)
Mysore Road, Malavalli - 571430, Mandya Dist.

Subject: Physiology

Q P CODE: 5102

I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

1. Briefly explain passive transport
2. Functions of skin
3. Explain stages of erythropoiesis
4. Fate of Hemoglobin. Add a note on jaundice.
5. List types of clotting mechanisms. Add a note on anticoagulants and hemophilia.

II. Short answers 10 X 3 = 30 marks

6. List the types of muscle
7. Muscles of ventilation
8. List the functions of kidney
9. Functions of WBC
10. Components of conducting system of Heart
11. Classify anemia
12. Write a note on hypoxia
13. Draw a neat labelled diagram of nephron
14. List pancreatic hormones
15. List adrenocortical hormones

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PARAMEDICAL BOARD, BENGALURU
ANNUAL EXAMINATION, AUGUST 2019
II YEAR DIPLOMA COURSE IN MEDICAL LABORATORY TECHNOLOGY
(DMLT)
TIME: 3 HRS (RS -2 SCHEME) MAX. MARKS: 100

QP CODE: 5101 SECTION -A, ANATOMY

(WRITE IN SEPARATE ANSWER BOOK)

I. SHORT ANSWERS- ANSWER ANY FOUR 4X5=20

1. Classify bones with examples
2. Describe the Humerus bone
3. Describe the Shoulder joint
4. Describe Gluteus maximus muscle
5. Describe Urinary bladder

II. SHORT NOTES 10 X3 = 30

6. Name the bones of Lower limb
7. Name the muscles of Leg
8. Name the parts of the Stomach
9. Name the arteries of the Lower limb
10. Give examples for Synovial joint
11. Name the Cell Organelles
12. Tendon
13. Name the branches of arch of Aorta
14. Name the muscles of Tongue
15. Name the parts of Pituitary gland

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QP CODE: 5102 SECTION -B, PHYSIOLOGY

(WRITE IN SEPARATE ANSWER BOOK)

I. SHORT ANSWERS - ANSWER ANY FOUR 4X5=20

1. Composition & Functions of Plasma Proteins.
2. Normal Constituents of Urine.
3. Oxygen Dissociation Curve.
4. List the Anterior Pituitary hormones. List the functions of Thyroid hormone.
5. Spermatogenesis.

II. SHORT NOTES 10 X3 = 30

6. List the muscles of ventilation.
7. Conducting System of Heart.
8. Functions of Haemoglobin.
9. Draw a neat labelled diagram of Neuron.
10. Deglutition.
11. Types of Muscle.
12. Define Cardiac output & its normal value.
13. Name three Contraceptive methods in Female.
14. Name three Anticoagulants.
15. Mitochondria.

KARNATAKA NURSING & PARAMEDICAL SCIENCES EDUCATION (REGULATION) AUTHORITY

PARAMEDICAL BOARD, BENGALURU

SUPPLEMENTARY EXAMINATION, JANUARY 2020

II YEAR DIPLOMA COURSE IN MEDICAL LABORATORY TECHNOLOGY

QP CODE: 5101 SECTION -A, ANATOMY(RS -2 SCHEME)

(WRITE IN BLUE ANSWER BOOK)

TIME: 3 HRS

MAX. MARKS: 100

I. SHORT ANSWERS- ANSWER ANY FOUR

4X5=20

1. Describe the heart in detail
2. Mention the parts of the urinary system and explain the kidney in detail
3. Biceps brachii muscle
4. Mention the lymphoid organs and explain palatine tonsil in detail.
5. Describe the hip joint

II. SHORT NOTES

10 X3 = 30

6. Name the long bones in upper limb
7. Types of cartilage with examples
8. Mention the movements at the knee joint
9. Great saphenous vein
10. Lumbar puncture
11. Mention the female reproductive organs
12. Mention any 3 types of epithelia with examples
13. Write the differences between right and left lung
14. Name the muscles of the anterior abdominal wall
15. Name the major salivary glands

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QP CODE: 5102 SECTION -B, PHYSIOLOGY(RS -2 SCHEME)

(WRITE IN RED ANSWER BOOK)

I. SHORT NOTES - ANSWER ANY FOUR

4X5=20

1. Conducting System of the Heart.
2. Erythropoiesis. Definition & stages.
3. Mechanisms of transport across cell membrane.
4. Draw a neat labelled diagram of Nephron. List its function.
5. Defecation reflex.

II. SHORT ANSWERS

10 X3 = 30

- 6) Normal value of A) RBC B)WBC C) Platelets.
- 7) Neuron.
- 8) Functions of Plasma Proteins.
- 9) Define Osmosis. Give two examples.
- 10) Three Contraindications of Blood Transfusion.
- 11) Surfactant. List three functions.
- 12) Functions of Stomach.
- 13) Name three hormones of Anterior Pituitary.
- 14) Functions of Skin.
- 15) Three Contraceptive methods in Male.

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ANNUAL EXAMINATION, NOVEMBER 2020

II YEAR DIPLOMA IN MEDICAL LABORATORY TECHNOLOGY (DMLT)

TIME: 1.30 Hrs

(RS -2 SCHEME)

MAX. MARKS: 100

9.30AM-11AM,

QP CODE: 5101 SECTION -A, ANATOMY

(WRITE IN BLUE ANSWER BOOK)

SHORT ANSWERS- ANSWER ANY FOUR

4x5=20

- 1 Describe hip joint
- 2 Describe cubital fossa
- 3 Name the parts of respiratory system, describe Larynx
- 4 Describe epithelial tissue with examples
- 5 Describe the contents of intercostal space

SHORT NOTES

10 x3 = 30

- 6 Name the muscles of the hand
- 7 Name the veins of upper limb
- 8 Name the endocrine glands
- 9 Classify the connective tissue
- 10 Name the parts of male urethra
- 11 Name the parts of uterine tube
- 12 Name the contents of popliteal fossa
- 13 Name meninges covering the brain
- 14 Name the parts of compound microscope
- 15 Name the muscles of the leg

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TIME: 1.30 Hrs, QP CODE: 5102 SECTION -B, PHYSIOLOGY

11AM-12.30 PM

(WRITE IN RED ANSWER BOOK)

SHORT NOTES - ANSWER ANY FOUR

4x5=20

- 1 Define erythropoiesis. Explain the steps involved in erythropoiesis
- 2 Composition and function of Cerebrospinal fluid
- 3 Contraceptive methods in females
- 4 Functions of gastric juice
- 5 Define Cardiac output and factors that regulate Cardiac output

SHORT NOTES

10 x3 = 30

- 6 Passive transport across cell membrane
- 7 Importance of blood grouping and typing
- 8 Draw neat labelled diagram of Neuromuscular junction (NMJ)
- 9 Two differences between Skeletal and cardiac muscle
- 10 Define dead space. Mention normal value
- 11 Define GFR and give its normal value
- 12 Hormones of Anterior pituitary
- 13 List primary taste sensation
- 14 Functions of testosterone
- 15 Functions of tympanic membrane

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SUPPLEMENTARY EXAMINATION, JULY 2021

II YEAR DIPLOMA IN MEDICAL LABORATORY TECHNOLOGY (DMLT)

TIME: 1.30 Hrs (RS -2 SCHEME) MAX. MARKS: 100

9.30am - 11am, QP CODE: 5101 SECTION -A, ANATOMY

(WRITE IN BLUE ANSWER BOOK)

SHORT ANSWERS- ANSWER ANY FOUR

4x5=20

- 1 Write briefly about the veins of upper limb
- 2 Mention the types of muscles. Write briefly about skeletal muscle
- 3 Stomach
- 4 Uterus
- 5 Bones of upper limb

SHORT NOTES

10 x3 = 30

- 6 Name four arteries of upper limb
- 7 Name four veins of lower limb
- 8 Hip bone
- 9 Parts of male reproductive system
- 10 Liver
- 11 Write structure of neuron
- 12 Mention the anatomical planes
- 13 Mention the anatomical movements
- 14 Major salivary glands
- 15 Name the coverings of the brain

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TIME: 1.30 Hrs, QP CODE: 5102 SECTION -B, PHYSIOLOGY

11AM - 12.30 PM (WRITE IN RED ANSWER BOOK)

SHORT NOTES - ANSWER ANY FOUR

4x5=20

- 1 Describe the Active transport mechanism across the cell membrane
- 2 Complications of Mismatched blood transfusion
- 3 Describe the Composition of Pancreatic juice
- 4 Peristalsis
- 5 Functions of Plasma proteins

SHORT NOTES

10 x3 = 30

- 6 Write the normal value of a) Erythrocyte sedimentation rate (ESR)
b) Packed cell volume (PCV)
- 7 Name any three types of Hypoxia
- 8 Define a receptor. Name any two sensory receptors
- 9 Write any three functions of Liver
- 10 Name any three Anticoagulants
- 11 Functions of Cerebrospinal fluid (CSF)
- 12 Draw a neat labelled diagram of Neuron
- 13 Name any three different types of White blood cells
- 14 Write the normal value of a) Bleeding time(BT) b) Clotting time (CT)
- 15 Name the different types of Muscle proteins

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ANNUAL EXAMINATION, NOVEMBER 2021

II YEAR DIPLOMA IN MEDICAL LABORATORY TECHNOLOGY (DMLT)

TIME: 1.30 Hrs

(RS -2 SCHEME)

MAX. MARKS: 100

9.30AM-11AM, QP CODE: 5101 SECTION -A, ANATOMY

(WRITE IN BLUE ANSWER BOOK)

SHORT ANSWERS- ANSWER ANY FOUR

4X5=20

- 1 Mention the endocrine organs and explain the thyroid gland in detail
- 2 Popliteus muscle
- 3 Describe the liver in detail
- 4 Describe hip joint
- 5 Classify bone with examples

SHORT NOTES

10 X3 = 30

- 6 Mention any 3 types of connective tissue with example
- 7 Name the muscles in the arm
- 8 Contents of popliteal fossa
- 9 Mention the parts of small intestine
- 10 Mention the types of muscle with examples
- 11 Mention the parts of respiratory system
- 12 Coverings of brain
- 13 Mention the female reproductive organs
- 14 Name the lymphoid organs
- 15 Name the carpal bones

TIME: 1.30 Hrs, QP CODE: 5102 SECTION -B, PHYSIOLOGY

11AM-12.30 PM, (WRITE IN RED ANSWER BOOK)

SHORT NOTES - ANSWER ANY FOUR

4X5=20

- 1 Define Hemoglobin. Write the Physiological values & Functions of Hb
- 2 Conducting system of heart
- 3 Normal constituents of urine
- 4 Spermatogenesis
- 5 Pancreatic secretions & its functions

SHORT NOTES

10 X3 = 30

- 6 Define & list the types of Receptors
- 7 Draw diagram of Skeletal muscle
- 8 List 3 functions of Thyroid gland
- 9 Functions of Surfactant
- 10 Landsteiner laws
- 11 List the errors of Refraction
- 12 Polycythemia; Normal values of Red Blood cell
- 13 List the modes of heat loss from the body
- 14 Draw a neat labelled diagram of an animal cell
- 15 Functions of CSF

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