

DNYs. June-5-

PETHGAD: SUMMER – 2015

SUBJECT: FUNDAMENTAL HUMAN ANATOMY, PHYSIOLOGY & PATHOLOGY

Day: Monday
Date: 08-06-2015

Time: 10.00 A.M. to 1.00 P.M.
Max. Marks: 90

N.B.:

- 1) All questions are **COMPULSORY**.
- 2) Marks to the **RIGHT** indicate full marks
- 3) Write both the sections in **SEPARATE** answer book.
- 4) Draw diagrams **WHEREVER** necessary.

SECTION -I

- Q.1** Draw a neat and labeled diagram of Nervous system and describe it in detail. (15)
- Q.2** a) Write in short tests done for urine examination. (05)
b) Draw a neat labeled diagram of a human heart. (05)
- Q.3** Write short notes on any **FOUR** of the following: (20)
- a) Humerus bone
 - b) Lipids
 - c) Liver function
 - d) Skin
 - e) Haemoglobin

SECTION-II

- Q.4** Describe in detail with a diagram of the Alimentary/ Gastrointestinal system. (15)
- Q.5** a) Write functions of human brain. (05)
b) Name the different glands of endocrine system. (05)
- Q.6** Write short notes on any **FOUR** of the following: (20)
- a) Uterus
 - b) Enzymes of Gastrointestinal track
 - c) Hormones secreted by Thymus gland
 - d) pH of urine
 - e) Cerebrospinal fluid

PETHGAD: SUMMER – 2015
SUBJECT: FUNDAMENTAL HUMAN ANATOMY, PHYSIOLOGY & PATHOLOGY

Day: Monday
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Time: —
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Seat No: _____

Total Marks obtained: _____

Jr. Supervisor's signature: _____ Signature of the Examiner: _____

Q.1 Specific gravity urine range is _____

- a) ☐ 4 – 6
- b) ☐ 1.5 to 1.7
- c) ☐ 1.000 to 1.030
- d) ☐ 1.8 to 2.0

Q.2 Normal haemoglobin levels in a female

- a) ☐ 13.5 to 17 g/ dL
- b) ☐ 12 to 15 g/ dL
- c) ☐ 10-12 g / dL
- d) ☐ 9 – 10 g /dL

Q.3 Solution used for sugar detection in humans

- a) ☐ Benedict's solution
- b) ☐ Gluen- Barre solution
- c) ☐ William's solution
- d) ☐ Thermo solution

Q.4 No of bones in human body

- a) ☐ 350
- b) ☐ 318
- c) ☐ 226
- d) ☐ 206

P.T. 15

2015

PETHGAD: WINTER - 2015

SUBJECT: FUNDAMENTAL HUMAN ANATOMY, PHYSIOLOGY & PATHOLOGY

Day: Monday
Date: 30-11-2015

Time: 10:00 A.M. TO
Max. Marks: 90 P

N.B.:

- 1) All questions are **COMPULSORY**.
- 2) Marks to the **RIGHT** indicate full marks
- 3) Write both the section in **SEPARATE** answer book.
- 4) Draw diagrams **WHEREVER** necessary.

SECTION -I

- Q.1 Explain the divisions of nervous system and describe spinal cord in detail with neat labeled diagram. (15)
- Q.2 a) Types of Bones (05)
b) Components of blood (05)
- Q.3 Write short notes on any **FOUR** of the following: (20)
- a) Renal Function Test
 - b) Function of Liver
 - c) Menstrual cycle
 - d) BSL
 - e) Thyroid gland

SECTION-II

- Q.4 Write in detail about female Reproductive system with a neat labeled diagram. (15)
- Q.5 a) Diagram of Eyeball (05)
b) Types of muscles (05)
- Q.6 Write short notes on any **FOUR** of the following: (20)
- a) Stool examination
 - b) Jaundice
 - c) Inflammation
 - d) Blood pressure
 - e) Movements of Joint

PETHGAD: WINTER - 2015

SUBJECT: FUNDAMENTAL HUMAN ANATOMY, PHYSIOLOGY & PATHOLOGY

Day: Monday
Date: 30-11-2015

Time: —
Max. Marks: 10

N.B.:

- 1) All questions are **COMPULSORY**.
- 2) You have to make ✓ such kind of marks in the box of appropriate answer.
- 3) This question paper is self as an answer script, you have to return to the supervisor after **10 minutes**.
- 4) There is no negative marking.

Seat No: _____

Total Marks obtained: _____

Jr. Supervisor's signature: _____ Signature of the Examiner: _____

Q.1 Trigeminal is _____ cranial nerve.

- a) ☐ 3rd
- b) ☐ 4th
- c) ☐ 5th
- d) ☐ 6th

Q.2 Inferior mediastinum is divided into _____ parts.

- a) ☐ 1
- b) ☐ 2
- c) ☐ 3
- d) ☐ 4

Q.3 Gastric ulcers commonly occur at _____ part of stomach.

- a) ☐ Lesser curvature
- b) ☐ Greater curvature
- c) ☐ Both curvatures
- d) ☐ None of these

Q.4 The joints which move freely are called as _____.

- a) ☐ Synarthroses
- b) ☐ Diarthroses
- c) ☐ Amphiarthroses
- d) ☐ None of these

P. T. O.

Q.5 Trapezius is a muscle of _____ region.

- a) ☐ Pectoral
- b) ☐ Arm
- c) ☐ Forearm
- d) ☐ Back

Q.6 The volume of cerebrospinal fluid is _____ ml.

- a) ☐ 150
- b) ☐ 200
- c) ☐ 250
- d) ☐ 300

Q.7 Adrenalin and Noradrenalin are secreted by _____ part adrenal gland.

- a) ☐ Cortex
- b) ☐ Medulla
- c) ☐ Both
- d) ☐ None of these

Q.8 _____ is the basic functioning unit of our body.

- a) ☐ Cell
- b) ☐ Heart
- c) ☐ Brain
- d) ☐ Lung

Q.9 _____ is the one of sign of inflammation.

- a) ☐ Callor
- b) ☐ Rubor
- c) ☐ Tubor
- d) ☐ All of above

Q.10 It is not a special sense.

- a) ☐ Vision
- b) ☐ Pain
- c) ☐ Taste
- d) ☐ None

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PETHGAD : DEC-2013

SUBJECT : FUNDAMENTAL HUMAN ANATOMY, PHYSIOLOGY & PATHOLOGY

Day : Monday
Date : 02-12-2013

Time : 10:00 A.M. To 1:00 P.M.
Max. Marks : 90

N.B.:

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Draw neat and labeled diagrams **WHEREVER** necessary.
- 4) Answers to both the sections should be written in the **SEPARATE** answer books.

SECTION - I

- Q.1** Explain Respiratory system in detail with neat labeled diagram of Lung. [15]
- Q.2** a) Explain the structure of Joint and its types. [05]
b) Explain the structure of Spleen. [05]
- Q.3** Write short notes on **ANY FOUR** of the following: [20]
a) Upper end of Humerus
b) Meninges
c) Endometrium
d) Diagram of Eyeball
e) Structure of Neuron

SECTION - II

- Q.4** Explain the Cardio Vascular Circulation with neat labeled diagram of Heart. [15]
- Q.5** a) Cerebro Spinal Fluid and its circulation. [05]
b) Draw neat labeled diagram of Cerebrum. [05]
- Q.6** Write short notes on **ANY FOUR** of the following: [20]
a) Urine examination
b) Spignomanometer
c) Immune system
d) Total blood count
e) Digestive enzymes

PETHGAD : DEC- 2013

SUBJECT : FUNDAMENTAL HUMAN ANATOMY, PHYSIOLOGY & PATHOLOGY

Day : Monday

Date : 02-12-2013

Time : —

Max. Marks : 10

N.B.:

- 1) All questions are **COMPULSORY**.
- 2) You have to make ✓ such kind or mark in the box of appropriate answer.
- 3) This question paper itself is an answer script you have to return to the supervisor after **10** minutes.
- 4) There is no negative marking.

Seat No. _____

Total Marks Obtained: _____

Jr. Supervisor's Signature _____

Signature of the Examiner _____

M.C.Q.

Q.1 The external opening of Uterus is called as _____.

- a) ☐ Vagina
- b) ☐ Cervix
- c) ☐ Ovary
- d) ☐ Uterine Tubule

Q.2 Blood is type of _____.

- a) ☐ Rapid tissue
- b) ☐ Muscle tissue
- c) ☐ Connective tissue
- d) ☐ None of these

Q.3 Pectoralis Major muscle is located at _____.

- a) ☐ Abdomen region
- b) ☐ Neck region
- c) ☐ Left region
- d) ☐ Thoracic region

Q.4 The Disease Resistant Capacity of the human body is known as _____.

- a) ☐ Respiration

PETHGAD: APRIL/ MAY-2014
SUBJECT: FUNDAMENTAL HUMAN ANATOMY, PHYSIOLOGY & PATHOLOGY

Day: Monday
Date: 16-06-2014

Time: 10.00 A.M. TO 1.00
Max Marks: 90 P.M

N.B:

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Write both the section in **SEPARATE** answer book.
- 4) Draw diagrams **WHEREVER** necessary.

SECTION-I

- Q.1** Define cardiovascular system in detail & explain heart with neat labelled diagram. (15)
- Q.2** a) Types of joint (05)
b) Components of blood (05)
- Q.3** Write short notes on **ANY FOUR** of the following: (20)
- a) Diagram of external ear
 - b) Anemia
 - c) Thyroid gland
 - d) Urinary bladder
 - e) Abdominal Aorta

SECTION-II

- Q.4** Explain digestive system in detail & describe stomach with neat labeled diagram. (15)
- Q.5** a) Structure of nerve (05)
b) Basal metabolic rate (05)
- Q.6** Write short notes on **ANY FOUR** of the following: (20)
- a) Types of muscle
 - b) Uterus
 - c) BSL
 - d) Signs & types of inflammation
 - e) Pulse examination

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PETHGAD: APRIL/ MAY-2014

SUBJECT: FUNDAMENTAL HUMAN ANATOMY, PHYSIOLOGY & PATHOLOGY

Day: Monday

Time: —

Date: 16-06-2014

Max Marks: 10

N.B:

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- 4) There is no negative marking.

Seat No: _____

Total Marks obtained: _____

Jr. Supervisor's Signature: _____

Signature of the Examiner: _____

Q.1 The sphincter under voluntary control is _____.

- a) ☐ Lips
- b) ☐ External anal sphincter
- c) ☐ Both
- d) ☐ None

Q.2 The word 'Aliment' is related with

- a) ☐ Elementary
- b) ☐ Water
- c) ☐ Food
- d) ☐ None

Q.3 _____ joint is a ball socket variety.

- a) ☐ Shoulder joint
- b) ☐ Elbow joint
- c) ☐ Wrist joint
- d) ☐ Superior Radioulnar joint

Q.4 _____ carries deoxygenated blood to the right atrium.

- a) ☐ Pulmonary vein
- b) ☐ Superior vena cava
- c) ☐ Internal jugular vein
- d) ☐ External jugular vein

Q.5 Tarsal bones are _____ in number.

- a) ☐ 5
- b) ☐ 6

Q.6 _____ is used to measure blood pressure of human.

- a) ☐ Galvanometer
- b) ☐ Sphygmomanometer
- c) ☐ Glucometer
- d) ☐ B.P handle

Q.7 The pH of urine is _____.

- a) ☐ Acidic
- b) ☐ Alkaline
- c) ☐ Neutral
- d) ☐ None of these

Q.8 Decrease in platelet count is known as.

- a) ☐ Thrombocytosis
- b) ☐ Thrombocytopenia
- c) ☐ Leucocytosis
- d) ☐ Leucopenia

Q.9 Biceps muscle is located at.

- a) ☐ Abdomen region
- b) ☐ Neck region
- c) ☐ Thoracic region
- d) ☐ Arm region

Q.10 The volume of saliva secreted _____ liter per day

- a) ☐ 0.5
- b) ☐ 1.0
- c) ☐ 1.5
- d) ☐ None

PETHGAD: APRIL / MAY - 2012
**SUBJECT: FUNDAMENTAL HUMAN ANATOMY, PHYSIOLOGY AND
PATHOLOGY**

Day: Friday
Date: 01.06.2012

Time: 10:00AM TO 1:00 P.M.
Max. Marks: 90

N.B:

- 1) All questions are **COMPULSORY**.
- 2) Marks to the right indicate **FULL** marks.
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- 4) Draw diagrams **WHEREVER** necessary.

SECTION -I

- Q.1 Explain Nervous System in detail with neat labelled diagram. (15)
- Q.2 a) Various types of Joints. (05)
- b) Ossification. (05)
- Q.3 Write short notes on any **FOUR** of the following: (20)
- a) Structure of Kidney.
 - b) Hamstring Muscles.
 - c) Diagram of Lung.
 - d) Female reproductive system organs.
 - e) Carpal bones.

SECTION -II

- Q.4 Explain Cardiovascular System in detail with neat labelled diagram with blood circulation. (15)
- Q.5 a) Complete blood count. (05)
- b) Functions of Liver. (05)
- Q.6 Write short notes on any **FOUR** of the following: (20)
- a) Muscles of Facial region.
 - b) Urine analysis.
 - c) Functions of Lung.
 - d) Movements of Hip Joint.
 - e) Explain Biliary system.

PETHGAD: APRIL / MAY 2012
SUBJECT: FUNDAMENTAL HUMAN ANATOMY, PHYSIOLOGY AND
PATHOLOGY

Day: Friday
Date: 01.06.2012

Time: 90 Minutes
Max. Marks: 10

N.B:

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Q.1 Functional unit of kidney is

- a) ☐ Axon
- b) ☐ Nephron
- c) ☐ Atrium
- d) ☐ None of these

Q.2 Islets of Langerhans is a part of

- a) ☐ Spleen
- b) ☐ Bladder
- c) ☐ Pancreas
- d) ☐ Kidney

Q.3 Oxygenated blood in the human body is carried by

- a) ☐ Veins
- b) ☐ Arteries
- c) ☐ Atrium
- d) ☐ Ventricles

Q.4 Ovum is produced by

- a) ☐ Ovaries
- b) ☐ Testes
- c) ☐ Fallopian tubes
- d) ☐ Urethra

Q.5 FBC is also called

- a) ☐ Full blood count
- b) ☐ Full bile concentration
- c) ☐ Fibroblast cells
- d) ☐ None of these

Q.6 BSBP means

- a) ☐ Bile salts Bile Pigments
- b) ☐ Blood Salts Bile Pigments
- c) ☐ Bile Salts Blood Pressure
- d) ☐ None of these

Q.7 Triceps Muscle is Located at-----

- a) ☐ Leg Region
- b) ☐ Arm region
- c) ☐ Thigh Region
- d) ☐ Neck Region

Q.8 The functional Unit of Respiratory system is-----

- a) ☐ Neuron
- b) ☐ Blood Cell
- c) ☐ Alveoli
- d) ☐ Nerve Cell

Q.9 One of the following is not the part of digestive system

- a) ☐ Duodenum
- b) ☐ Jejunum
- c) ☐ Ileum
- d) ☐ Trachea

Q.10 One of the following is not the branch of Arch of Aorta

- a) ☐ Brachial Artery
- b) ☐ Left Common carotid artery
- c) ☐ Left Subclavian Artery
- d) ☐ Brachiocephalic Artery

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SECTION -I

- Q.1** Draw a neat and labeled diagram of Nervous system and describe it in detail. (15)
- Q.2** a) Write in short tests done for urine examination. (05)
b) Draw a neat labeled diagram of a human heart. (05)
- Q.3** Write short notes on any **FOUR** of the following: (20)
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 - d) pH of urine
 - e) Cerebrospinal fluid