

PETHGAD
PETHGAD : SUMMER – 2017
SUBJECT : FUNDAMENTAL HUMAN ANATOMY,
PHYSIOLOGY AND PATHOLOGY

Day : Friday
Date : 23/06/2017

Time : 10.00 AM TO 01.00 PM
Max. Marks : 90

N. B. :

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

SECTION - I

- Q. 1** Explain Respiratory system in brief and describe lungs in details with neat labelled diagram. (15)
- Q. 2**
- a) Types of Muscles. (05)
 - b) Blood Group. (05)
- Q. 3** Write short notes on **ANY FOUR** of the following: (20)
- a) Urine Examination
 - b) Lipids
 - c) Ovarian Hormones
 - d) Structure of Neuron
 - e) Scapula Bone

SECTION - II

- Q. 4** Explain cardiovascular system in brief and describe heart with neat labelled diagram. (15)
- Q. 5**
- a) Components of Blood. (05)
 - b) Write functions of Brain. (05)
- Q. 6** Write short notes on **ANY FOUR** of the following: (20)
- a) Blood Sugar Level
 - b) Functions of Liver
 - c) Hormones secreted by adrenal gland
 - d) Nine regions of abdomen
 - e) Signs and types of inflammation

हिंदी रूपांतर

सूचनाएं:

- १) सभी प्रश्न अनिवार्य हैं।
- २) दाहिने दिए हुए अंक प्रश्नों का पूर्ण गुण दर्शाते हैं।
- ३) दोनों विभाग अलग-अलग उत्तरपत्रिका में लिखिए।

विभाग -१

- प्र.१ श्वसन संस्था का संक्षिप्त में वर्णन करके फुफ्फुस का सचित्र सविस्तर वर्णन कीजिए। (१५)
- प्र.२ अ) पेशी के प्रकार। (०५)
ब) रक्तगट। (०५)
- प्र.३ टिप्पणी लिखिए। (कोई भी चार) (२०)
- अ) मूत्र परिक्षण
ब) लिपीड्स
क) स्त्रीअण्डकोष के स्त्राव
ड) मज्जातंतू रचना
इ) असफलकास्थि

विभाग -२

- प्र.४ रक्तवह संस्था का संक्षिप्त में वर्णन करके हृदय का सचित्र सविस्तर वर्णन कीजिए। (१५)
- प्र.५ अ) रक्तघटक। (०५)
ब) मस्तिष्क के कार्य लिखिए। (०५)
- प्र.६ टिप्पणी लिखिए। (कोई भी चार) (२०)
- अ) रक्तशर्करा प्रमाण
ब) यकृत के कार्य
क) अधिवृक्क ग्रंथी के स्त्राव
ड) उदर के नौ विभाग
इ) शोथ के लक्षण और प्रकार

PETHGAD : SUMMER – 2017
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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 written to the supervisor after **10** minutes.
 - 4) There is no negative marking.
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Seat No. _____ Total Marks Obtained: _____

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

MCQ's:

Q. 1 Blood is type of _____.

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

Q. 2 During labour, strong contraction of uterus is due to _____ Hormone.

- a) ADH
- b) FSH
- c) Oxytocin
- d) Calcitonin

Q. 3 The fluid in the nervous system is called _____.

- a) CSF
- b) Bile
- c) Trypsin
- d) Pepsin

Q. 4 Life span of RBC _____.

- a) 120 hours
- b) 120 days
- c) 12 hours
- d) 12 days

Q.5 _____ produces Insulin.

- a) Liver
- b) Kidney
- c) Pancreas
- d) Spleen

Q.6 The functions of bone are following except _____.

- a) Support
- b) Protection
- c) Blood cell production
- d) Phagocytosis

Q.7 Nephron is structural and functional unit of _____.

- a) Liver
- b) Kidney
- c) Brain
- d) Stomach

Q.8 Normal temperature of human body is _____.

- a) 32° C
- b) 35° C
- c) 40° C
- d) 37° C

Q.9 _____ is a ball and socket variety.

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

Q.10 Trigeminal is _____ cranial nerve.

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

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