

DIPLOMA IN NATUROPATHY & YOGIC SCIENCES D.N.Y.S.: WINTER- 2019
SUBJECT: FUNDAMENTALS OF HUMAN ANATOMY, PHYSIOLOGY & PATHOLOGY

Monday 09-12-2019
10:00 AM-01:00 PM

W-4023-2019
Max. Marks: 30

N.B.:

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

SECTION - I

- Q. 1** Explain the cardiovascular system in detail with neat labelled diagram of Heart. (15)
- Q. 2** a) Types of Joints with example. (05)
b) Blood Group. (05)
- Q. 3** Write short notes on **ANY FOUR** of the following: (20)
- a) Kidney
 - b) Hormones secreted by ovary
 - c) Functions of Pancreas
 - d) Hemoglobin
 - e) Urine Examination

SECTION - II

- Q. 4** Describe the organs of digestive system in details with neat labelled diagram. (15)
- Q. 5** a) Organs of urinary system. (05)
b) Name the different endocrine glands. (05)
- Q. 6** Write short notes on **ANY FOUR** of the following: (20)
- a) Types of Bones
 - b) Vitamin A
 - c) Immunity
 - d) Functions of Skin
 - e) Nine regions of abdomen

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हिंदी रूपांतर

सूचना:

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

विभाग-१

- प्र.१ हृदय की आकृति निकालकर रक्तसंवहन संस्था का विस्तृत विवेचन कीजिए। (१५)
- प्र.२ अ) संधी के प्रकार सोदाहरण लिखिए। (०५)
ब) रक्तगट (०५)
- प्र.३ टिप्पणी लिखिए। (कोई भी चार) (२०)
- अ) वृक्क
ब) स्त्रीबीज के स्त्राव
क) अग्राशय कार्य
ड) हिमोग्लोबिन
इ) मूत्रपरिक्षण

विभाग-२

- प्र.४ पचनसंस्था के अवयवों का आकृतिसह सविस्तर विवेचन कीजिए। (१५)
- प्र.५ अ) मूत्रवह संस्था के अवयव (०५)
ब) विभिन्न अंतःस्त्रावी ग्रंथी के स्त्राव (०५)
- प्र.६ टिप्पणी लिखिए। (कोई भी चार) (२०)
- अ) अस्थि प्रकार
ब) विटैमीन 'अ'
क) रोगप्रतिकार क्षमता
ड) त्वचा का कार्य
इ) उदर के नौ विभाग

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D.N.Y.S : Winter-2019
SUBJECT: FUNDAMENTALS OF HUMAN ANATOMY, PHYSIOLOGY
AND PATHOLOGY

Day : Monday
Date : 09-12-2019

Time: —
Max. Marks: 10

W-4023-2019

N.B.:

- 1) All questions are **COMPULSORY**.
- 2) You have to make ✓ mark such kind or mark in the box of appropriate answer.
- 3) This question paper itself is an answer script you have 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 _____

MCQ

Q. 1 The principle function of platelets is _____.

- a) ☐ Prevent bleeding
- b) ☐ Heam production
- c) ☐ Prevent infection
- d) ☐ Store haem

Q. 2 The No. of cranial nerves are _____.

- a) ☐ 10
- b) ☐ 11
- c) ☐ 12
- d) ☐ 13

Q. 3 _____ Hormone is secreted by adrenal gland.

- a) ☐ TSH
- b) ☐ ACTH
- c) ☐ Aldosterone
- d) ☐ LH

Q. 4 Destruction of RBC's takes place in _____ days.

- a) ☐ 12
- b) ☐ 120
- c) ☐ 1200
- d) ☐ 2

P. T. O.

Q. 5 Enzyme secreted by stomach that destroys bacteria _____.

- a) ☐ Pepsin
- b) ☐ Trypsin
- c) ☐ Lipase
- d) ☐ HCL

Q. 6 The no. of white blood cells decreases is known as _____.

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

Q. 7 Inflammation of appendix is known as _____.

- a) ☐ Appendicitis
- b) ☐ Appendectomy
- c) ☐ Appendix
- d) ☐ None of these

Q. 8 Normal Body Temperature is _____ °C.

- a) ☐ 32
- b) ☐ 40
- c) ☐ 35
- d) ☐ 37

Q. 9 Androgens are secreted by _____.

- a) ☐ Thyroid
- b) ☐ Pancreas
- c) ☐ Testis
- d) ☐ Kidney

Q.10 Ricket is a disease caused by the deficiency of vitamin _____ in human body.

- a) ☐ A
- b) ☐ B
- c) ☐ C
- d) ☐ D

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