

Reg. No.

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

MANIPAL ACADEMY OF HIGHER EDUCATION
SECOND SEMESTER M.Sc. YOGA THERAPY DEGREE EXAMINATION – AUGUST 2023
SUBJECT: MYT 5002 - AN INTRODUCTION TO YOGA - II

Tuesday, August 01, 2023

Time: 10:00 – 12:30 Hrs.

Max. Marks: 50

1. Answer the following:

- 1A. Explain ahara according to BG.
- 1B. Who is Sthitaprajna? Explain.
- 1C. Explain Vairaja pranava.

(10 marks × 3 = 30 marks)

2. Write the short notes on the following:

- 2A. Karma yoga according to BG
- 2B. Nadaswarupa
- 2C. Vastu and avastu
- 2D. Anthakarana

(5 marks × 4 = 20 marks)



Reg. No.

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

MANIPAL ACADEMY OF HIGHER EDUCATION
SECOND SEMESTER M.Sc. YOGA THERAPY DEGREE EXAMINATION – AUGUST 2023
SUBJECT: MYT 5004 – BASIC HUMAN ANATOMY

Wednesday, August 02, 2023

Time: 10:00 – 12:30 Hrs.

Max. Marks: 50

1. Answer the following in one word or one sentence each:

- 1A. Name any two endocrine glands
 - 1B. Name any two types of tissues of our body
 - 1C. Give one example of long bone
 - 1D. Mention a structure of the human body where the hyaline cartilage is found
 - 1E. Give one example of immovable joint
 - 1F. How many cervical vertebrae are present in the human body?
 - 1G. Name any one structure/organ that contains smooth muscle"
 - 1H. Mention the parts of brainstem
 - 1I. What is the name given to the collection of cell bodies of neurons in the peripheral nervous system?
 - 1J. Mention the space between the two meninges where the cerebrospinal fluid is present
- (1 mark × 10 = 10 marks)

2. Write short notes on the following:

- 2A. Paranasal air sinuses
- 2B. Internal features of heart
- 2C. Ureter
- 2D. Extrahepatic biliary apparatus
- 2E. Fallopian tube

(4 marks × 5 = 20 marks)

3. Explain the following:

- 3A. Describe the lobes, sulci, gyri and functional areas of cerebrum
- 3B. Mention the parts of small and large intestines. Explain the duodenum in detail

(10 marks × 2 = 20 marks)



Reg. No.

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

MANIPAL ACADEMY OF HIGHER EDUCATION
SECOND SEMESTER M.Sc. YOGA THERAPY DEGREE EXAMINATION – AUGUST 2023
SUBJECT: MYT 5006 – PHYSIOLOGY

Thursday, August 03, 2023

Time: 10:00 – 12:30 Hrs.

Max. Marks: 50

Answer all questions and draw labelled diagrams wherever necessary.

1. Answer the following multiple choice questions:

1A. Which of the following value is the normal RBC count in males?

- A) 5 to 5.5 million cells/mm³
- B) 4 to 11000 cells/mm³
- C) 1 to 1.5 lakh cells/mm³
- D) 1.4 to 2 million cells/mm³

1B. The major cation present in ICF is

- A) Sodium
- B) Potassium
- C) Magnesium
- D) Calcium

1C. Juxta glomerular apparatus consists of the following structures EXCEPT

- A) Macula densa
- B) Juxtaglomerular cells
- C) Interstitial Lacis cells
- D) Podocyte

1D. Which of the following blood vessel helps in exchange of nutrients?

- A) Artery
- B) Arteriole
- C) Capillary
- D) Vein

1E. A sleep disorder in which a person has difficulty falling asleep or staying asleep is termed as

- A) Anosmia
- B) Insomnia
- C) Amnesia
- D) Apnea

1F. Which of the following organs secretes bile juice?

- A) Kidney
- B) Salivary Gland
- C) Liver
- D) Pancreas

1G. The ideal temperature for spermatogenesis is _____

- A) 37°C
- B) 35°C
- C) 30°C
- D) 40°C

1H. Which of the following endocrine disorders is characterized by hyperpigmentation of skin?

- A) Conn's syndrome
- B) Addison's disease
- C) Myxedema
- D) Hypoparathyroidism

1I. Auditory receptors are located on which of the following membranes?

- A) Basilar membrane
- B) Tympanic membrane
- C) Reissner's membrane
- D) Tectorial membrane

1J. Bluish discoloration of the skin and mucous membrane is termed as

- A) Cyanosis
- B) Anemia
- C) Asphyxia
- D) Dyspnea

(1 mark × 10 = 10 marks)

2. **Answer the following:**

- 2A. Define cardiac cycle. Mention its normal duration
- 2B. Mention any two functions of plasma proteins
- 2C. Define glomerular filtration rate (GFR) and give its normal value
- 2D. Mention the cause and any two clinical features of acromegaly
- 2E. Mention any two functions of vestibular apparatus

(2 marks × 5 = 10 marks)

3. **Write short notes of the following:**

- 3A. Enumerate the functions of cerebellum. List two clinical features of cerebellar lesion
- 3B. Describe the mechanism of secretion of hydrochloric acid
- 3C. Describe the actions of testosterone
- 3D. Define arterial pulse and give its normal value. Mention the clinical importance of arterial pulse examination
- 3E. With the help of a flow chart, write the events of skeletal muscle neuromuscular transmission.
- 3F. Describe the regulation of respiration by peripheral chemoreceptors in the form of a flow chart

(5 marks × 6 = 30 marks)

