Reg. No.										

MANIPAL ACADEMY OF HIGHER EDUCATION

FIRST SEMESTER M.Sc. YOGA THERAPY DEGREE EXAMINATION – JANUARY 2022

SUBJECT: MYT 501 - AN INTRODUCTION TO YOGA - I

Tuesday, January 11, 2022

Time: 10:00 – 12:30 Hrs. Max. Marks: 50

1. **Answer the following questions:**

1A. Write four Avyayas with meaning

1B. Write Devanagari Varnamala

1C. Write Rama word in third case

1D. Write Upasargas

1E. What is Tatpurusha Samasa?

(1 mark × 5 = 5 marks)

2. **Answer the following questions as directed:**

2A. Declare the following words in all the cases and number. Write meaning and gender of the word

i) Rama ii) Mati

2B. Declare the following root words in Lat, Lan, Lakaras.

i) Khad ii) Pat

2C. Join and name the sandhi.

i) Prati+upakarah ii) Surya+udayam iii) Eka+eka

iv) Deva+alaya v) Tat+ca

2D. Write vigrahavakya and name the samasa.

i) Chorabhayam ii) Aksharam iii) Ramalakshmanau iv) Pitambarah

v) Navaratrih

(5 marks × 4 = 20 marks)

3. **Answer the following questions:**

3A. Explain the method of awakening Kundalini shakti.

3B. Explain prana.

(10 marks × 2 = 20 marks)

4. Write short note on Bhakti yoga

(5 marks)

Reg. No.										

MANIPAL ACADEMY OF HIGHER EDUCATION

FIRST SEMESTER M.Sc. YOGA THERAPY DEGREE EXAMINATION – JANUARY 2022

SUBJECT: MYT 503 - PHILOSOPHY OF YOGA - I

Wednesday, January 12, 2022

Time: 10:00 – 12:30 Hrs. Max. Marks: 50

✍ **Answer the following.**

1. Define qualities of Ishwara.

2. Explain kleshas and method to iradicate.

3. What is bahiranga yoga? Explain.

(10 marks × 3 = 30 marks)

4. **Write short notes on the following:**

4A. Kriya Yoga

4B. Pramana

4C. Samprajnata Samadhi

4D. Chittaprasadana

(5 marks × 4 = 20 marks)

Reg. No.										

MANIPAL ACADEMY OF HIGHER EDUCATION

FIRST SEMESTER M.Sc. YOGA THERAPY DEGREE EXAMINATION – JANUARY 2022

SUBJECT: MYT 505 - BASIC HUMAN ANATOMY

Thursday, January 13, 2022

Time: 10:00 – 12:30 Hrs. Max. Marks: 50

---

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

1A. Name the photoreceptors present in Retina.

1B. Enumerate the basic tissues of body.

1C. Name the salivary glands.

1D. Name the lymphatic organs present in the body.

1E. Parts of a young bone.

1F. Name any two flat bones.

1G. Parts of brain stem.

1H. Parts of the pancreas.

1I. Name any two branches of the arch of aorta.

1J. Name the lobes of the right lung.

(1 mark × 10 = 10 marks)

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

2A. Typical spinal nerve.

2B. Maxillary sinus.

2C. Meninges.

2D. Vermiform appendix.

2E. Spermatogenesis.

(4 marks × 5 = 20 marks)

3. **Explain the following:**

3A. Enumerate the parts of female reproductive system. Describe the uterus.

(4+6 = 10 marks)

3B. Enumerate the chambers of the heart. Explain the right atrium in detail.

(2+8 = 10 marks)

Reg. No.										

MANIPAL ACADEMY OF HIGHER EDUCATION

FIRST SEMESTER M.Sc. YOGA THERAPY DEGREE EXAMINATION – JANUARY 2022

SUBJECT: MYT 507 - PHYSIOLOGY

Friday, January 14, 2022

Time: 10:00 – 12:30 Hrs. Max. Marks: 50

1. **Answer the following multiple choice questions:**

1A. Which among the following is NOT a function of the 'hypothalamus'?

i) Language comprehension ii) Appetite

iii) Regulation of body temperature iv) Water balance

1B. The neutrophil count is often greatly increased in a patient with

i) Anemia ii) Thrombocytopenia iii) Bacterial infection

iv) Hypoglycemia

1C. For the ABO blood group system, the antigens are present on the ___ and the antibodies are present in the ____

i) Plasma; RBC ii) Leukocyte; RBC iii) RBC; Plasma

iv) Platelets; Plasma

1D. The normal value of Glomerular Filtration Rate is:

i) 75ml/min ii) 125ml/min iii) 175ml/min iv) 225ml/min

1E. During depolarization of a neuron, which among the following ions enter the cell?

i) Sodium ii) Potassium iii) Calcium iv) Chloride

1F. The part of the renal tubule which is impermeable to water is

i) Proximal Convoluted Tubule ii) Distal Convoluted Tubule

iii) Ascending limb of loop of Henle iv) Descending limb of loop of Henle

1G. The effect of antidiuretic hormone (ADH) on the kidney is to:

i) Increase the permeability of the distal nephron to water.

ii) Increase the excretion of Na+

iii) Increase the excretion of water

iv) Increase the diameter of the renal artery

1H. Which among the following does NOT cause increase heart rate?

i) Parasympathetic nervous system ii) Epinephrine

iii) Sympathetic nervous system iv) Thyroxine

1I. The part of the ear responsible for maintenance of balance and equilibrium of the body is

i) Middle ear
ii) Vestibular apparatus
iii) Tympanic membrane
iv) External Auditory Meatus.

1J. An increase in stroke volume is caused by all of the following **EXCEPT:**

i) Increase in length of ventricular muscle fibre
ii) Increase in heart rate
iii) Increase in venous return
iv) Sympathetic stimulation

(1 mark × 10 = 10 marks)

2. **Answer the following:**

2A. Define coagulation. List two factors that maintain blood in the *fluid-state* in circulation.

2B. Draw a neat labelled diagram of a 'mono-synaptic reflex arc'.

2C. List the protein digesting enzymes of the Gastro intestinal tract.

2D. What is long-sightedness? How is it corrected?

2E. List four actions of Oestrogen hormone in females.

(2 marks × 5 = 10 marks)

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

3A. Draw a labelled diagram of Neuro Muscular Junction (NMJ). List the events at NMJ upon arrival of a Nerve Action Potential.

3B. Describe the mechanism of breathing.

3C. Factors affecting Venous return

3D. Explain the role of calcitonin and parathormone in plasma calcium regulation

3E. List all the gastro intestinal movements. Explain any one in detail.

3F. Name the parts of the nervous system concerned with the control of voluntary motor activity. Specify the role of each.

(5 marks × 6 = 30 marks)