

SSR DEGREE COLLEGE, NIZAMABAD (5029)

DEPARTMENT OF MEDICAL LABORATORY TECHNOLOGY (MLT)

SEMESTER – II, Descriptive Questions

Paper II- Human Anatomy

UNIT – I: Anatomy of Muscular, Skeleton and integument system

Short Questions (4 Marks)

1. Cardiac Muscle
2. Skeletal muscle
3. Appendicular Skeleton system
4. Integumentary System
5. Smooth Muscle

Essay Questions (10 Marks)

1. Describe Microscopy anatomy of skeletal muscle, cardiac muscle, smooth muscle
2. Write anatomy of axial (skull, vertebral column and sternum) skeletal system
3. Write anatomy of appendicular skeleton system (pelvic and pectoral girdles, forelimb and hind limbs)
4. Write anatomy of different types of joints
5. Describe the anatomy of the integumentary system (skin, hair and nails)

UNIT – II: Anatomy of Excretory and Reproductive System

Short Questions (4 Marks)

1. Structure of Kidney
2. Structure of Nephron
3. Ureters
4. Urinary bladder
5. Urethra
6. Male reproductive system
7. Female reproductive system

Essay Questions (10 Marks)

1. Describe the anatomy of male and female reproductive accessory glands
2. Describe the anatomy of the urinary system
3. Write the anatomy of male reproductive system
4. Write the anatomy of female reproductive system

UNIT – III: Anatomy of Nervous System

Short Questions (4 Marks)

1. Nervous tissue structure and functions
2. Spinal cord
3. Peripheral nervous system
4. Sympathetic and parasympathetic nervous system
5. Central nervous system

Essay Questions (10 Marks)

1. Describe the organization of the nervous system (structural and functional classification)
2. Write anatomy of central nervous system (brain, spinal cord)
3. Describe the anatomy of Peripheral nervous system (cranial nerves and spinal nerves)
4. Write anatomy of autonomic, sympathetic and parasympathetic nervous system

UNIT – IV: Anatomy of Special Senses and Endocrine System

Short Questions (4 Marks)

1. Structure of eye
2. Structure of ear
3. Hypothalamus
4. Pituitary gland
5. Thyroid gland
6. Parathyroid gland
7. Adrenal and gonads

Essay Questions (10 Marks)

1. Describe the anatomy of eye (external and accessory structures; internal structures)
2. Describe the anatomy of the ear (external, middle and internal ear)
3. Describe the structure and hormones of hypothalamus and pituitary gland
4. Describe the structure and hormones of thyroid, parathyroid, adrenal and gonads