

ANATOMY

Paper-1 (Section A) Maximum Marks: 40

Q.1. Describe of the following (Any three): 3x4=12

1. Classification and structure of joints
2. Hypothalamus
3. Kidney
4. Cranial nerves

Q.2. Write short notes on (Any three): 3x4=12

1. Structure of heart
2. Adrenal gland
3. Cerebrospinal fluid (C.S.F.)
4. Gallbladder

Q.3. Write short notes on: 3x4=12

1. Trachea
2. Tongue
3. Ear ossicles
4. Structure of skin

Q.4. Write short notes on: 4x4=16

1. Spleen
2. Liver
3. Female reproductive organs
4. Deltoid muscle

<https://www.ruhsonline.com>

PHYSIOLOGY (Section - B) Maximum Marks: 40

Q.1. Write in detail the regulation of respiration. Define tidal volume and vital capacity. =12

Q.2. Write in detail about the following: 4x4=12

1. Classification & functions of leukocytes
2. Glomerular filtration (GFR)
3. Normal electrocardiogram (ECG)
4. Digestion in stomach

Q.3. Define cardiac output. Discuss the factors regulating stroke volume. What is cardiac index? =12

Q.4. Write short notes on: 4x4 =16

1. Functions of saliva
2. Types of blood group
3. Cell membrane functions

4. Renin angiotensin system