

Pramukh Swami Science & H.D. Patel Arts College, Kadi

Bachelor of Vocation Pharmaceutical Chemistry Semester- I

Mid Sem Examination, November- 2016,

(PC 115) Human Anatomy & Physiology

Time: 2 hours 11/11/2016 Total Marks: 60

Que-1. Answer any 12 questions. Each question carries 1 mark [12]

1. Give the Full Name of GIP and TV
2. The site of lipid digestion in the digestive system is :
(A) Liver (B) Buccal Cavity (C) Small Intestine (D) Stomach
3. In human heart the oxygenated blood is present in :
(A) Right ventricle (B) Left ventricle
(C) Right auricle (D) Both A & B
4. Confirmatory test used for detection of HIV infection is :
(A) ELISA (B) Widal Test
(C) Northern Blot (D) Western Blot
5. Deficiency of Vitamin B12 leads to which disease ?
(A) Scurvy (B) Beri beri
(C) Pellagra (D) Pernicious anaemia
6. The largest corpuscle in the blood is :
(A) Basophil (B) Acidophil (C) Monocyte (D) Lymphocyte
7. Which of the following statements is incorrect ?
(A) 'O' blood group person has A and B antibodies in his blood
(B) 'AB' blood group person has A and B antigen on the RBC membrane
(C) 'A' blood group person has A antigen and B antibody in the blood
(D) 'B' blood group person has B antigen and B antibody in the blood
8. The normal life span of RBC in human body is _____
9. The separation of paired homologous chromosomes takes place in which of the following sub-stage of meiosis ?

(A) Diakinesis (B) Anaphase II (C) Metaphase I (D) Anaphase I
10 During allergic condition, which of the WBC count in the body increases ?

(A) Monocytes (B) Eosinophils (C) Dasophils (D) Neutrophils

11 Give the Full Form of HIV and AIDS

12 _____ Blood cell has Nucleus

Que.2. Answer any five questions. Each question carries 4marks [20]

1. Explain the Rh blood Group sytem with its significance
2. Draw and explain the component of internal heart
3. Give the deference between Mitosis and Meiosis
4. Explain the structure of Voluntary Muscles
5. Explain the Disorder of Respiration system
6. Explain the Structure and Function of Cell membrane
7. Explain the Chemical method of Family Planning

Que.3. Answer any four questions. Each question carries 7 marks [28]

1. Explain the alimentary system of Human
2. Explain the Respiratory system of Human
3. Explain the Cell cycle
4. Write the Disorder of Digestive system
5. Explain the Blood clotting mechanism in human