

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

**Bachelor of Vocation Pharmaceutical Chemistry Semester- I**

**Internal Examination, November- 2018,**

**(PC-115) Human Anatomy and Physiology**

**Time: 2 hours**

**19/11/2018**

**Total Marks: 60**

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

1. Give the name of Donor Blood Group of A and AB positive Blood Group.
2. Insulin Secreted by  
(a) Liver (b) Pancreas  
(c) Small Intestine (d) Stomach
3. In human heart the oxygenated blood is transfer in one vein give the name:  
(a) Aorta (b) Left Artery  
(c) Pulmonary vein (d) Both A & B
4. AIDS disease detected by:  
(a) ELISA (b) Widal Test  
(c) Northern Blot (d) Western Blot
5. Synthesis of DNA in Cell cycle \_\_\_\_\_  
(a) G1 (b) S  
(c) G2 (d) M
6. The largest corpuscle in the blood is:  
(a) Basophil (b) Acidophil  
(c) Monocyte (d) Lymphocyte
7. Give the Full Form of CCK, GIP
8. The normal life span of WBC in human body is \_\_\_\_\_

9. The separation of paired homologous chromosomes takes place in which of the following sub-stage of meiosis I?  
(a) Diakinesis (b) Anaphase II  
(c) Metaphase I (d) Anaphase I

10. Largest WBC cell which has active phagocytosis  
(a) Monocytes (b) Eosinophils  
(c) Basophils (d) Neutrophils

11. Give the Full Form of ADH and ANF
12. Give the names of any Respiratory Disease

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

1. Explain the Assesory gland of Digestive system
2. Explain the Heart Cycle
3. Explain Prophase I
4. Explain the Human Joints
5. Explain the Disorder of Circulatory System
6. Explain the Heart structure with diagram
7. Explain the protein digestion

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

1. Explain the Digestive system of Human
2. Explain the mechanism of Muscle contraction
3. Explain the Mitosis with diagram
4. Write the Role of Hormones in digestive system
5. Explain the ABO blood group
6. Write a note on Blood corpus