

Pramukh Swami Science and H D Patel Arts College

Bachelor of Vocation

Pharmaceutical Chemistry Semester I

Mid SEM Examination, November 2015

Subject: Human Anatomy and Physiology (PC115)

Time: 2 hrs

Date: 05/11/2015

Marks: 60

- Q.1 Answer any 12 questions. (Each question carries 1 mark) [12*1=12]**
- The pH of blood generally ranges from _____ to _____
(A) 1.055 to 1.060 (B) 7.36 to 7.41 (C) 4.63 to 5.39 (D) 8.09 to 8.54
 - _____ ml of blood is normally pumped out by heart every minute.
(A) 4050 (B) 5040 (C) 8090 (D) 9080
 - _____ nervous system is also called as voluntary nervous system.
(A) Somatic (B) Unconscious (C) Parasympathetic (D) Sympathetic
 - Give definition of cardiac cycle.
 - Give definition of Ascitis.
 - Defense system of body is controlled by _____.
 - _____ is the disorder of blood in which hemoglobin amount gets reduced.
 - _____ portion of the heart is the normal pace maker of heart.
 - _____ is the example of one of the cranial nerves.
 - State True or False: Wall of right ventricle is generally 3 times thicker than left ventricle
 - State True or False: White matter and grey matters are present in CNS only.
 - State True or False: Irregular rhythm of heart is called angina pectoris.
 - State True or False: Secondary sex characteristics generally develop at the age of puberty.
- Q.2 Answer any 5 questions. (Each question carries 04 marks) [5*4=20]**
- Write a note on renin – angiotensin system
 - Give detail account of functions of stomach
 - What are Parkinsonism & Hemiplegia?
 - Discuss physiology of hearing
 - Discuss mechanism of blood clotting.
- Q.3 Answer any 4 questions. (Each question carries 07 marks) [4*7=28]**
- Discuss various properties of cardiac muscles
 - Write a note on reflux action.
 - Write a note on digestive functions of small and large intestine
 - Discuss in detail functions of liver.
 - Discuss in detail various refractive errors of eye.