

HEMCHANDRACHARYA NORTH GUJARAT UNIVERSITY, PATAN

Bachelor of Vocation

Pharmaceutical Chemistry Semester I

SEMESTER END Examination, February 2016

Subject: Human Anatomy and Physiology

Subject code: PC115

Date: 03/02/2016

Time: 2 hrs

Marks: 50

Q.1 Answer any 12 questions. (Each question carries 1 mark) [9*1=09]

1. In Ascitis, fluid gets accumulated in _____.
2. Plural cavity is present in _____ while peritoneal cavity is present in _____ part of the human body.
3. Somatic nervous system is also called as _____ nervous system.
4. Level of progesterone is maximum during _____ to _____ days of menstruation cycle.
5. If there is Presence of "XXX" chromosome in female, she is called as _____.
6. _____ portion of the heart is the normal pace maker of heart.
7. _____ Lung is larger in size. (Left / Right)
8. State True or False: Wall of left ventricle is generally 3 times thicker than right ventricle
9. State True or False: Testosterone is not present in female.
10. 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]

1. Discuss various factors involved in blood clotting
2. Discuss renin – angiotensin system with its role in control of blood pressure.
3. Give detail note on liver with its different disorders.
4. What are Parkinsonism & Hemiplegia?
5. Discuss various properties of cardiac muscles
6. What is internal and external respiration? Write a note on internal respiration.

Q.3 Answer any 3 questions. (Each question carries 07 marks) [3*7=21]

1. Write a note on menstruation cycle.
2. Write a note on reflux action and reflux arc.
3. Write a note on digestive functions of small and large intestine
4. Discuss in detail functions of testosterone.