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Roll No.

2115

1st Sem. / Pharmacy

Subject : Human Anatomy & Physiology

Time : 3 Hrs.

May 2018

M.M. : 80

Note: Attempt any 5 question.

Q.1 Write short notes on any four:- (4x4=16)

- a) Mitochondria
- b) Tissue
- c) Puberty
- d) Joints
- e) Balanced diet.

Q.2 a) Write down the functions of skin 8

b) Draw a neat and well labelled diagram of heart. 8

Q.3 Give the detailed classification of epithelial tissue and explain each type. 16

Q.4 Explain the mechanism of respiration with the help of a labeled diagram showing the parts of respiratory system. 16

- Q.5 a) Write down the composition of blood. 8
b) Define blood pressure, Give its normal range and method of recording it. 8
- Q.6 a) Write a brief note of various disorders of joints 8
b) Give the location, Hormone and function of Thyroid Gland and Pituitary Gland. 8
- Q.7 Define any eight out of the following:- (8x2=16)
- i) E.C.G
 - ii) Cytology
 - iii) RH factor
 - iv) Prokaryotic cell
 - v) Reflex Action
 - vi) Artery
 - vii) Nephron
 - viii) Tetanus
 - ix) Nerve fibres
 - x) Muscle
- Q.8 a) How does the generation of action potential takes place along the nerve terminal. 8
b) Give various function of skeleton. 8