1st Sem. / DMLT

Subject : Anatomy & Physiology

Time : 3 Hrs.   M.M. : 100

SECTION-A

Note: Very Short Answer type questions. Attempt any 15 parts.   (15x2=30)

Q.1 a)   Define excretion.

b)   Give two important functions of WBC.

c)   Define Physiology.

d)   What is the function of gall bladder.

e)   Digestion starts in _____.

f)   Define assimilation.

g)   Name one immovable joint in human body.

h)   Name any two glands derived from skin.

i)   No. of ribs in man is _____.

j)   Prorenin in occurs in _____.

k)   Name the pigment present in RBC.

l)   Saliva is secreted by _____.

m)   Give two examples of connective tissues.

n)   Define joints.

o)   No. of cervical vertebrae in man is _____.

p)   Define nephron.

q)   What are the main sources of vitamin C.

SECTION-B

Note: Short answer type questions. Attempt any ten parts   10x4=40

Q.2 i)   Explain the functions of minerals.

ii)   What is the role of chromosomes & centrosome in animal cell?

iii) Give any four functions of liver.

iv) Explain the structure of nephron.

v) Draw a well labelled diagram of animal cell.

vi) Differentiate between smooth and cardiac muscles.

vii) What are epithelial tissues. Give their classification.

viii) Differentiate between internal & external respiration.

ix) Classify joints giving example of each.

x) Explain the physiology of liver.

xi) Differentiate between medullated and non medullated nerve fibres.

xii) List the parts of respiratory tract.

xiii) Explain the uses and deficiency of water soluble vitamins.

xiv) Give the functions of kidney.

xv) Write composition of urine.

SECTION-C

Note: Long answer type questions. Attempt any three questions.　　3x10=30

Q.3 With the help of a neat well labelled diagram, explain the digestion of food in man.

Q.4 Name the enzymes secreted by pancreas and explain the process of digestion in small intestines.

Q.5 Explain anatomy & physiology of lungs.

Q.6 Draw a well labelled diagram of skin. Explain the function of each layer.

Q.7 What are the functions of skeletal system?