# KALYAN COLLEGE OF NURSING RAJURA, CHANDRAPUR

# BASIC B.SC 1st SEMESTER SUBJECT: - ANATOMY & PHYSIOLOGY

**DURATION: -3HR MAXIMUM MARK:-75** 

# **CLASS TEST 2**

<b>INSTRUCTION:</b>	1	) Use	blue	/black	ball	point	pain	only	7.

2) Do not write anything on the blank portion of the question paper.

Rough work should not be done on the answer sheet or anywhere

On the question paper except the specific space provided for the rough

Work. If written anything, such type of act will be considered as an attempt

To unfair means.

- 3) All questions are compulsory.
- 4) The number to the right indicate full marks.
- 5) Draw a diagram whenever necessary.
- 6) Distribution of syllabus in question paper is only meant to cover entire syllabus Within the stipulated frame. The question paper pattern is a mere guideline. Questions Can be asked from any paper's syllabus into any question paper. Students cannot be claim That the question is out of syllabus. As it is only for the placement sake, the distribution

#### Has been done. 7) Use common answer book for section B Section A Q.1) MULTIPLE CHOICE QUESTION. [13X1=13MARK] 1) Longest muscle in the body: a) Biceps b) Triceps c) Sartorius d) Quadriceps 2) Which of the following joint contain an intra-articular disc? a) Ankle joint b) Sternoclavicular joint c) Elbow joint d) Shoulder joint 3) Osteoclast is known as: a) Bone forming cell b) Bone destroying cell c) Bone repairing cell d) Bone growth cell 4) Which of the following is NOT one of the four primary taste sensation? a) Bitter b) spice c) Salty d) sour 5) Melanocyte secretes: a) Sebum b) Melanin c) Sweat d) Oil 6) The main function of haemoglobin is to: a) Maintain a normal erythrocytes sedimentation rate b) Neutralize any free radicles circulating in the blood c) Blind oxygen and transport it to the tissue d) Absorb heat generated as a by-product of cell metabolism 7) The synthesis of the bile occurs in the: a) Liver b) Gallbladder c) Pancreas d) Duodenum 8) Which nerve fiber conveys impulses toward cell body of a neuron? b) Dendrites a) Axon c) Axon collaterals d) Axon terminals 9) Life span of RBCs is: a) 30-60 days b) 60-90 days d) 120-140 days c) 90-120 days 10) Main mechanism in thermoregulation heat loss is: a) Radiation b) Evaporation c) Conduction d) Convection 11) Pineal gland is located at: a) Thalamus b) Epithalamus c) Hypothalamus d) Telencephalon 12) The joint between tooth and gum is: a) Syndesmosis b) Gomphosis c) Suture d) Primary cartilaginous joint

13) Blood cell which is responsible for coagulation is:

b) WBC

d) Neutrophil

a) RBC

c) Platelet

# Q.21 LONG ANSWER QUESTION (ANY 1)

[1x10=10 MARK]

A)

- i) Define excretory system.
  - ii) Explain the parts of excretory system.
- iii) Draw a neat labeled diagram of kidney and explain the its components in details.

B)

- i) Difference between bones and cartilage.
- ii) Classification of bone describes in details and explain the structure of long bone with diagram.

### O.31 SHORT ANSWER QUESTION (ANY 3)

[5X3=15 MARK]

- 1) Describe the Classification of muscles.
- 2) Explain the structure of neuron.
- 3) Enumerate the compartment of body fluids.
- 4) Pituitary gland.

### Q.4] SHORT ANSWER QUESTION (ANY 3)

[3X2=06 MARK]

- 1) Define tidal volume?
- 2) Write the composition of blood.
- 3) Define hypertension?
- 4) Define osteoporosis

### SECTION - B (PHYSIOLOGY)

# Q.5| LONG ANSWER QUESTION (ANY 1)

[10X1=10 MARK]

A)

- i) Describe phases of menstrual cycle.
- ii) Discuss the hormonal control of menstrual cycle.

B)

- i) Define cell cycle?
- ii) Explain the components of cell in details.
- iii) Discuss cell cycle in details.

# Q.61 SHORT ANSWER

#### **OUESTION (ANY 3)**

15X3=15 MARK

- 1) Write the cranial nerves and its function.
- 2) Enumerate the layers of skin with function.
- 3) Composition of saliva.
- 4) Describe the function of pituitary gland.

# Q.7] SHORT ANSWER QUESTION (ANY 3)

[3X2=6 MARK]

- 1) Define spermatogenesis?
- 2) What is meaning of peristalsis.
- 3) Define homeostasis?
- 4) Write the name of cartilages of the larynx.