

Name.		Printed Pages:01		
Student ID:				
School of Nursing Summer End Term Examination (ETE)- August 2023, Semester: 1st semester [Program: B. Sc Nursing] [Batch: 2022-26]				
Course Title: Applied anatomy & Applied physiology		Max Marks: 75		
Course Code: ANAT105 PHYS110		Time:3 Hrs		
Instructions:		1. All questions are compulsory 2. Assume missing data suitably, if any		
Multiple Choice Questions				
1	How many types of Joints are present in our body? (a) 2 (b) 3 (c) 4 (d) 5	CO1	K1	1
2	Which blood cell function as defence mechanism against bacteria? (a) RBC (b) WBC (c) Platelets (d) None of the above	CO1	K1	1
3	The joints present in the Knee (a) Pivot (b) Hinge (c) Saddle (d) Ball and Socket	CO1	K1	1
4	Vitamin B12 deficiency is called as (a) Pernicious anaemia (b) Sickle cell anaemia (c) Aplastic anaemia (d) Thalassemia	CO1	K1	1
5	The reason why tricuspid and bicuspid valves are closed is (a) ventricular relaxation (b) ventricular filling (c) atrial systole (d) attempted backflow of blood into the atrial	CO1	K1	1
6	It receives sound vibration and passes to the eardrum (a) outer ear (b) middle ear (c) inner ear (d) eustachian tube	CO1	K1	1
7	The main function of the cornea present in the human eye is (a) structural support to the eye (b) bends light before it reaches the lens (c) changes the shape of the lens enabling image to be focused on the retina (d) contains a concentrated amount of cone cells on the correct orientation	CO2	K1	1

8	Each hemoglobin contains ----- molecules of iron (a) 4 (b) 6 (c) 2 (d) 5	CO2	K1	1
9	The component of plasma responsible for maintaining the osmotic pressure of blood is (a) Plasmin (b) Albumin (c) Fibrinogen (d) Gamma Globulin	CO2	K1	1
10	Junction between post synaptic neuron and muscle is called as (a) Synapse (b) Ganglia (c) Neuromuscular junction (d) None of the above	CO2	K1	1
11	Which of the following nerve transmits sensory information to your brain regarding smells (a) Oculomotor (b) Olfactory (c) Trigeminal (d) Optic	CO2	K1	1
12	The tissue that lines and covers the body is (a) Epithelial (b) Muscle (c) Nervous (d) All of the above	CO2	K1	1
Very Short Type Questions				
1	What is function of stomach and liver?	CO2	K2	2
2	Draw a well labelled picture of ear.	CO2	K3	2
3	Elaborate function of blood in human body.	CO3	K3	2
4	Explain associated organ of both kidney?	CO4	K4	2
Short Type Questions				
1	Write notes on the functions of saliva.	CO2	K3	5
2	Explain the kidney with well labelled picture.	CO2	K4	5
3	Draw whole digestive system with labelling.	CO3	K4	5
4	Write notes on bone healing and stages?	CO3	K5	5
5	Draw clear picture of nephron.	CO4	K5	5
Essay Type Questions				
1	Describe the mammary gland under the following headings: (i) Shape (ii) Surfaces (iii) Structure (iv) Blood supply (v) Lymphatic drainage (vi) Applied anatomy	CO5	K5	15
2	Write in detail the mechanism of urine formation	CO5	K5	15