Sl.No.M23109 **Course Code: 24101111**

VINAYAKA MISSION'S RESEARCH FOUNDATIONS, SALEM
(Deemed to be University)

B.Sc. (NURSING) DEGREE EXAMINATION – November 2020

First Year

ANATOMY AND PHYSIOLOGY

Time: Three hours Maximum: 75 marks

Answer Part A and Part B in separate Answer Book

PART – A

ANATOMY Maximum: 37 marks

SECTION – A

I. Answer **All** Questions. Each answer in one or two sentences: (7 x 1 = 7)

1. Types of Skeketal System.
2. Sarcomere.
3. Layers of Kidney.
4. Name the Inter costal Muscles.
5. Name the Female Hormones.
6. Define Bone.
7. Parts of Stomach.

SECTION – B

II. Write Short Notes on any **THREE** of the following: (3 x 5 = 15)

8. Circle of Willis.
9. Diaphragm.
10. Radial Artery.
11. Structure of Skin.
12. Bronchopulmonary Segments.

SECTION – C

III. Answer any **Two** of the following: (2 x7 ½=15)

13. Write about the types of circulation and write in detail about Pulmonary Circulation.
14. Describe in detail about Female Reproductive system.
15. Enumerate the parts of Digestive System and Explain about the structure of Stomach.
16. Write about the structure, composition and functions of Bone.

(p.t.o)

PART – B

PHYSIOLOGY **Maximum: 38 marks**

SECTION – A

I. Answer **All** Questions. Each answer in one or two sentences: (8 x 1 = 8)

1. List two functions of Plasma Proteins.
2. Name the Respiratory Gases.
3. Define Erythropoiesis.
4. Diplopia.
5. Synapse.
6. Name the conducting system of Heart.
7. Heart Sounds.
8. Rigor mortis.

SECTION – B

II. Write short notes on any **THREE** of the following: (3 x 5 = 15)

9. Micturition.
10. Properties of Skeletal Muscle.
11. Functions of Platelets.
12. Structure of Cell.
13. ECG.

SECTION – C

III. Answer any **ONE** of the following: (2 x 7 ½ =15)

14. Regulation of Respiration.
15. Cardiac Cycle.
16. Functions of Spinal Cord.
17. Structure of Eye.

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