

College Name:

B. Pharm First Year

Session: 2022-23

Assignment (100% Syllabus Covered)

S. No.	ENROLLMENT NO.	STUDENT NAME	HUMAN ANATOMY & PHYSIOLOGY - I
1.			Definition and scope of anatomy and physiology
2.			Levels of structural organization and body systems
3.			Basic life processes
4.			Homeostasis
5.			Structure and functions of cell
6.			Transport across cell membrane
7.			Cell division and cell junctions
8.			General principles of cell communication
9.			Intracellular signaling pathway activation by extracellular signal molecule
10.			Forms of intracellular signaling: a) Contact-dependent b) Paracrine c) Synaptic d) Endocrine
11.			Structure, location and functions of epithelial tissues
12.			Structure, location and functions of muscular tissues
13.			Structure, location and functions of nervous tissues
14.			Structure, location and functions of connective tissues
15.			Structure and functions of skin
16.			Divisions of skeletal system
17.			Types of bone
18.			Salient features and functions of bones of axial and appendicular skeletal
19.			System Organization of skeletal muscle,
20.			Physiology of muscle contraction and neuromuscular junction
21.			Structural and functional classification of joints
22.			Types of joints movements
23.			Human Body fluids
24.			Composition and functions of blood
25.			Hemopoeisis
26.			Formation of hemoglobin and anemia
27.			Mechanisms of coagulation
28.			Blood grouping and Rh factors,

29.		Its significance and disorders of blood
30.		Reticulo endothelial system.
31.		Lymphatic organs and tissues
32.		Lymphatic vessels
33.		Lymph circulation and functions of lymphatic system
34.		Classification of peripheral nervous system
35.		Structure and functions of sympathetic and parasympathetic nervous system.
36.		Origin and functions of spinal and cranial nerves.
37.		Structure and functions of eye and their disorders.
38.		Structure and functions of ear and their disorders.
39.		Structure and functions of nose and their disorders.
40.		Structure and functions of tongue and their disorders.
41.		Heart – anatomy of heart
42.		Blood circulation in heart
43.		Blood vessels
44.		Structure and functions of artery, vein and capillaries
45.		Elements of conduction system of heart and heart beat, its regulation by autonomic nervous system
46.		Cardiac output and cardiac cycle.
47.		Regulation of blood pressure, pulse, electrocardiogram.
48.		Disorders of heart.
49.		Definition and scope of anatomy and physiology
50.		Levels of structural organization and body systems
51.		Basic life processes
52.		Homeostasis
53.		Structure and functions of cell
54.		Transport across cell membrane
55.		Cell division and cell junctions
56.		General principles of cell communication
57.		Intracellular signaling pathway activation by extracellular signal molecule
58.		Forms of intracellular signaling: a) Contact-dependent b) Paracrine c) Synaptic d) Endocrine
59.		Structure, location and functions of epithelial tissues

60.			Structure, location and functions of muscular tissues
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