

College Name:

Lesson Plan

Program - B. Pharm

Year – First Semester: First

Subject: Human Anatomy & Physiology - I

Session – 2022- 2023

S. No.	Date	Day	Subject	L	T	P	Total
1.		D Day					
2.		D+1	Definition and scope of anatomy and physiology	1	0	0	1
3.		D+2	Levels of structural organization and body systems	1	0	0	1
4.		D+3	Basic life processes	1	0	0	1
5.		D+4	Homeostasis	1	0	0	1
6.		D+5	REVISION	0	1	0	1
7.		D+6	Structure and functions of cell	1	0	0	1
8.		D+7	Transport across cell membrane	1	0	0	1
9.		D+8	Cell division and cell junctions	1	0	0	1
10.		D+9	General principles of cell communication	1	0	0	1
11.		D+10	Tutorial (Problem solving session/ class test)	0	1	0	1
			TOTAL	8	2	0	10
12.		D+11	Intracellular signaling pathway activation by extracellular signal molecule	1	0	0	1
13.		D+12	Forms of intracellular signaling: a) Contact-dependent b) Paracrine c) Synaptic d) Endocrine	1	0	0	1
14.		D+13	Structure, location and functions of epithelial tissues	1	0	0	1
15.		D+14	Structure, location and functions of muscular tissues	1	0	0	1
16.		D+15	REVISION	0	1	0	1
17.		D+16	Structure, location and functions of nervous tissues	1	0	0	1
18.		D+17	Structure, location and functions of connective tissues	1	0	0	1

19.		D+18	Structure and functions of skin	1	0	0	1
20.		D+19	Divisions of skeletal system	1	0	0	1
21.		D+20	Tutorial (Problem solving session/ class test)	0	1	0	1
			TOTAL	8	2	0	10
22.		D+21	Types of bone	1	0	0	
23.		D+22	Salient features and functions of bones of axial and appendicular skeletal	1	0	0	1
24.		D+23	System Organization of skeletal muscle,	1	0	0	1
25.		D+24	Physiology of muscle contraction and neuromuscular junction	1	0	0	1
26.		D+25	REVISION	0	1	0	1
27.		D+26	Structural and functional classification of joints	1	0	0	1
28.		D+27	Types of joints movements	1	0	0	1
29.		D+28	Human Body fluids	1	0	0	1
30.		D+29	Composition and functions of blood	0	1	0	1
31.		D+30	Tutorial (Problem solving session/ class test)	1	0	0	
			TOTAL	8	2	0	10
32.		D+31	Hemopoiesis	1	0	0	1
33.		D+32	Formation of hemoglobin and anemia	1	0	0	1
34.		D+33	Mechanisms of coagulation	1	0	0	1
35.		D+34	Blood grouping and Rh factors,	1	0	0	1
36.		D+35	REVISION	0	1	0	1
37.		D+36	Its significance and disorders of blood	1	0	0	1
38.		D+37	Reticulo endothelial system.	1	0	0	1
39.		D+38	Lymphatic organs and tissues	1	0	0	1
40.		D+39	Lymphatic vessels	1	0	0	1
41.		D+40	Tutorial (Problem solving session/ class test)	0	1	0	1
			TOTAL	8	2	0	10
42.		D+41	Lymph circulation and functions of lymphatic system	1	0	0	1
43.		D+42	Classification of peripheral nervous system	1	0	0	1

44.		D+43	Structure and functions of sympathetic and parasympathetic nervous system.	1	0	0	1
45.		D+44	Origin and functions of spinal and cranial nerves.	1	0	0	1
46.		D+45	REVISION	0	1	0	1
47.		D+46	Structure and functions of eye and their disorders.	1	0	0	1
48.		D+47	Structure and functions of ear and their disorders.	1	0	0	1
49.		D+48	Structure and functions of nose and their disorders.	1	0	0	1
50.		D+49	Structure and functions of tongue and their disorders.	1	0	0	1
51.		D+50	Tutorial (Problem solving session/ class test)	0	1	0	1
			TOTAL	8	2	0	10
52.		D+51	Heart – anatomy of heart	1	0	0	1
53.		D+52	Blood circulation in heart	1	0	0	1
54.		D+53	Blood vessels	1	0	0	1
55.		D+54	Structure and functions of artery, vein and capillaries	1	0	0	1
56.		D+55	REVISION	0	1	0	1
57.		D+56	Elements of conduction system of heart and heart beat, its regulation by autonomic nervous system	1	0	0	1
58.		D+57	Cardiac output and cardiac cycle.	1	0	0	1
59.		D+58	Regulation of blood pressure, pulse, electrocardiogram.	1	0	0	1
60.		D+59	Disorders of heart.	1	0	0	1
61.		D+60	Tutorial (Problem solving session/ class test)	0	1	0	1
			TOTAL	8	2	0	10
62.		D+91	REVISION	0	1	0	1
63.		D+92	REVISION	0	1	0	1
64.		D+93	REVISION	0	1	0	1
65.		D+94	REVISION	0	1	0	1
66.		D+95	REVISION	0	1	0	1
67.		D+96	REVISION	0	1	0	1
68.		D+97	REVISION	0	1	0	1
69.		D+98	REVISION	0	1	0	1
70.		D+99	REVISION	0	1	0	1

71.		D+100	Tutorial (Problem solving session/ class test)	0	1	0	
			TOTAL	0	10	0	10