



Human Anatomy - All That You Need to Know

Course Outline

Code MED-ANATOMY-001	Duration Three Months	Basic to intermediate	PKR 150,000/- per student	The successful candidates can make careers in bio-informatics, health informatics, biotic surgery, high management positions in hospitals, patient management information systems (PMIS)	This course is for undergraduate, graduate and post-graduate personnel who aspire to have knowledge on human body.				
Section #	Section Name	Chapter #	Chapter Title	Topic ID	Contents	Topics	Practical Relevance	Time	Schedule Breakup
A	Introduction	1	Course Overview	1.1	What is to Come?			1.5HRS	Three Sessions
				1.2	Objectives of the Course				
				1.3	Human Body				
				1.4	Relevant Branches of Medicine				
				1.5	Body Types				
				1.6	Questions				
				1.7	Summary				
B	Human Anatomy	2	Relevant Bones Made Easy	2.1	3D Human Body Overview			3HRS	Six Sessions
				2.2	Spinal Cord / Vertebral Column				
				2.3	Trunk				
				2.4	Limbs				
				2.5	Questions				
				2.6	Summary				
C	Muscles in the Human Body	3	Chest and Abdomen	3.1	Muscles of the Chest			3HRS	Six Sessions
				3.2	Attachments of Muscles				
				3.3	Muscles of the Abdomen				
				3.4	abdominal Muscles Attachments				
				3.5	Injuries				
				3.6	Questions				
				3.7	Summary				
D	Muscles in the Human Body	4	Back and Shoulders	4.1	Muscles of the Upper Back			3HRS	Six Sessions
				4.2	Attachments of Muscles of the Upper Back				
				4.3	Muscles of the Lower Back				
				4.4	Attachments of Muscles of the Lower Back				
				4.5	Injuries of the Back				
				4.6	Shoulder Joint Muscles				
				4.7	Attachment of Muscles				
				4.8	Movements at the Shoulder Joint				
				4.9	Injuries of the Shoulders				
				4.1	Questions				
				4.11	Summary				
E	Muscles in the Human Body	5	Arms and Forearms	5.1	Anatomy of Arms and Forearms			3HRS	Six Sessions
				5.2	Muscles of the Arms				
				5.3	Attachments				
				5.4	Muscles of the Fore-Arms				
				5.5	Attachments				
				5.6	Injuries				
				5.7	Questions				
				5.8	Summary				
F	Muscles in the Human Body	6	Glutes and Legs	6.1	Joints of the Lower Body			3HRS	Six Sessions
				6.2	Gluteal Muscles				
				6.3	Movements				
				6.4	Legs and Calves				
				6.5	Muscles				
				6.6	Attachments				
				6.7	Injuries				
				6.8	Questions				
				6.9	Summary				
G	Conclusion	7	Reflections	7.1	De-Brief			30MIN	One Session
				7.2	Feedback from Participants				
				7.3	Questions				
				7.4	Post-Test				
				7.5	Analysis				