

3. MEDICAL BIOLOGY 1th

Lec.	Bacteriology	hours
1.	General introduction	2
2.	Micro- organism	2
3.	General characteristics of bacteria	1
4.	Types of bacteria	1
5.	Structure of typical bacteria	2
6.	Mode of nutrition	2
7.	Genetic Exchange	2
8.	Bacteria and diseases	2
9.	Rickettsiae.	2
10.	Viruses.	2
	Parasitology	
11.	Amoebae	1
12.	Entamoeba histolytica.	1
13.	Entamoeba coli.	1
14.	Helminthes.	1
15.	Trematoda.	2
16.	Cestodes.	2
17.	Nematodes.	2
	Biology	
18.	Intrudocion concept to cell biology	2
19.	Chemical composition of protoplasm	2
20.	Plasma membrane	2
21.	Cytoplasmic organelles	2
22.	Organic component: (Carbohydrate, lipid, proteins and nucleic acid).	2
23.	Inorganic component: (water, Bases & acids, Salts).	2
24.	System of proteins synthesis.	2
25.	Energy release in the cell.	2
	Genetics	
26.	Introduction.	1
27.	Genotypes.	1
28.	Phenotypes.	1
29.	Heterozygous.	1
30.	Test-cross.	1
31.	Dominant- Recessive.	1
32.	Mandel first law	1
33.	Alleles.	1
34.	Mandel second law.	1
35.	Sex determination.	1
36.	Sex linkage	1