



میزان الكیمياء الطبية/المرحلة الثانية
كلية طب الاسنان
جامعة الانبار
2023-2024

No.	Topics	Hours	Grade %
1	Enzymes: Definition, Terminology, and Classification	2	3%
2	Mechanism of enzyme action	2	4%
3	Clinical significance of enzyme assays	2	2%
4	Vitamins, definition, classification	2	2%
5	Digestion and absorption of carbohydrates, lipids, and proteins	2	3%
5	Chemistry of carbohydrates	2	3%
6	Metabolism of Carbohydrates: part 1	2	4%
7	Metabolism of Carbohydrates : part 2	2	4%
8	Carbohydrates metabolism regulation	2	6%
9	Chemistry of Proteins and amino acids	2	2%
10	Metabolism of Proteins and amino acids	2	3%
11	Metabolism of Protein and amino acid regulation	2	6%
12	Metabolism of Protein and amino acid inherited disorder	2	2% 35
13	Lipid: definition, classification	2	2%
14	Metabolism of Lipid: oxidation of Fatty Acids	2	6%
15	Biosynthesis of Fatty Acids	2	5%
16	Integration of metabolism of carbohydrates, lipid, and Proteins	2	4%
17	Metabolism of Purines and pyrimidines	2	4%
18	Metabolism of Purines and pyrimidines disorder	2	4%
19	Nucleic Acids Definition and Protein Synthesis	2	4%
20	Hormone definition, classification	2	2%
21	Hormone disorder	2	4%
22	Acid-base balance	2	2%
23	Trace elements disorder	2	2%
24	Salivary secretion(saliva), Pancreatic juice	2	6%
25	Electrolytes	2	5%
26	Liver Function Test	2	3%
27	Kidney Function Test	2	3%
	Total		100%