



## PhD degree of Medical Biochemistry and Molecular Biology

### Blueprint of Special topics of Medical Biochemistry & Molecular Biology (Advanced level) Course (PhD)

#### Course Code: (BIC604STA)

The total marks of this course are 200, divided as:

- Workplace-based assessment (40 marks) - Written exam (160 marks), distributed as follows:

Course content	Teaching hours	Relative weight to the total marks	Total Marks	MCQ Marks	No of exam Q (MCQ)	Short essay questions Marks	No of exam Q (short essay questions)
Glycoproteins	10	13.33%	21	15		6	
Intracellular traffic and sorting of proteins	9	12%	19	13		6	
Nanotechnology	4	5.34%	9	6		3	
Hemostasis and Thrombosis	10	13.33%	21	15		6	
Membrane structure and Function	9	12%	19	13		6	
Synthesis, secretion and transport of hormones	5	6.67%	11	8		3	
Mechanism of hormone action	10	13.33%	21	15		6	
Plasma proteins and Immunoglobulins	10	13.33%	21	15		6	
Metabolic aspects of RBCs and WBCs and related disorders	8	10.67%	18	12		6	
<b>Total</b>	<b>75</b>	<b>100%</b>	<b>160</b>	<b>112</b>		<b>48</b>	

**Head of Biochemistry & Molecular Biology Department**

**Prof. Fagr Bazeed**