

The exam is a multiple-choice test with 40 questions (up to 4 questions per lecture). Each question has 5 possible answers that should be marked as either TRUE or FALSE. All or none of the answers may be correct. Each individual answer counts towards the overall grade.

Below you can find representative examples

Molecular and Cell Biology for Medics:

Chapter: RNA biology & non-coding RNAs			
Subject: RNA Biology-regulatory functions			
The following statement is (mark the applicable field with X)		true	false
A	Structured regions in bacterial RNAs (sRNAs) can regulate biochemical pathways such as flavine biosynthesis	X	
B	Prokaryotic viruses are regulated by CrispR/Cas9	X	
C	Long non coding RNAs (lncRNAs) can bind miRNAs	X	
D	lncRNAs are translated in the cytoplasm		X
E	lncRNAs can recruit chromatin modifiers	X	

Medical Propedeutics I “Anatomy and Physiology”:

Chapter: Heart			
Subject: The action potential of a cardiac muscle cells is characterized by			
The following statement is (mark the applicable field with X)		true	false
A	Sodium influx through voltage gated sodium channels	X	
B	Calcium efflux through voltage gated calcium channels		X
C	Potassium influx through voltage gated potassium channels		X
D	A plateau phase	X	
E	Potassium efflux through voltage gated potassium channels	X	

Medical Propedeutics II “Linking Biology and Disease”

Chapter: Venous Thrombosis			
Subject: Risk factors			
Strong risk factors for venous thromboembolism (VTE) are		true	false
A	Advancing age	X	
B	Surgery and Trauma	X	
C	Cancer	X	
D	Pregnancy	X	
E	Low factor VIII activity		X