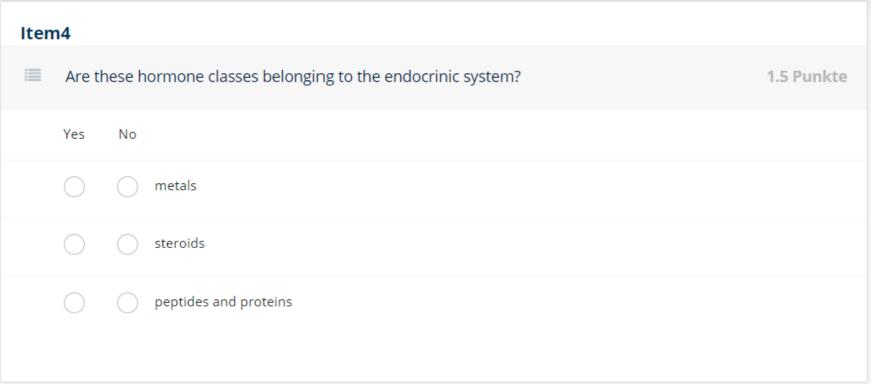
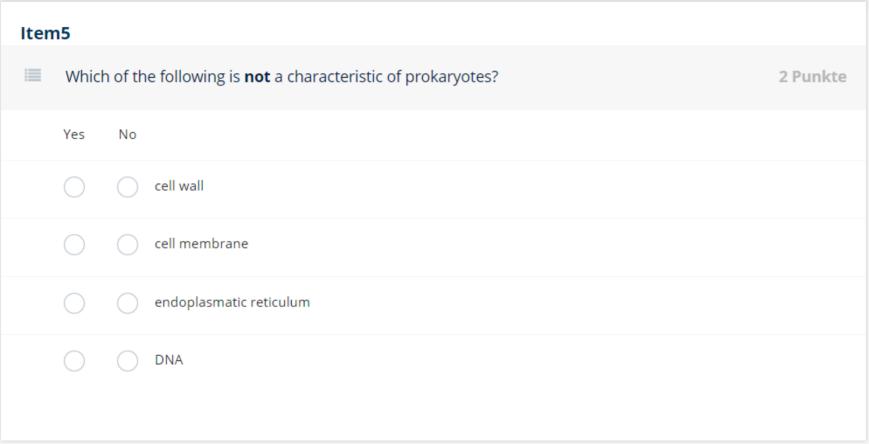
Item1			
	Which	of the following databases does provide informations about proteins? 2.5	Punkte
	Yes	No	
	$\bigcirc$	Peq data bank	
	$\bigcirc$	EMBL data bank	
	$\bigcirc$	NCBI data bank	
	$\bigcirc$	PDB (protein data bank)	
	$\bigcirc$	KEGG data bank	

Item2				
Which one of the following statements about amino acids is correct?	3 Punkte			
Amino acids in proteins are mainly in the D-configuration.				
Twenty-four amino acids are commonly used in protein synthesis.				
Amino acids are classified according to the structures and properties of their side chains.				
Amino acids are uncharged at neutral pH.				

Item3				
	Which	of the following form a part of the endomembrane system? Please select all that apply. 2 Punk	kte	
	Yes	No		
	$\bigcirc$	golgi apparatus		
	$\bigcirc$	outer hydrogenosome membrane		
	$\bigcirc$	outer chloroplast membrane		
	$\bigcirc$	lysosomal membrane		







Item7			
	During the semiconservative DNA replication,	3 Punkte	
	polymerization is catalyzed by an RNA polymerase.		
	polymerization is catalyzed by a double helix enzyme.		
	the original double helix remains intact and a new double helix is formed.		
	the strands of the double helix separate and form matrices for new strands.		

## Item8 A man of blood type A is married to a woman of blood type B. Their child has blood group 0. Assign the specified genotypes to both parent individuals and the child. What other genotypes 2 Punkte could other children of this couple have? child Select a value ▼ other possible genotypes Select a value ▼ man Select a value ▼ woman Select a value ▼

Item9			
Which statement about eukaryotic chromosomes does <b>not</b> apply?	2 Punkte		
They sometimes consist of a single chromatid.			
They're all proteins.			
They usually have a single centromere.			
They sometimes consist of two chromatids.			
During the metaphase they can be seen in the light microscope.			

Item10			
	Which one of the following structures is expected in a bacterial cellm?	2 Punkte	
	golgi Apparatus		
	endoplasmatic reticulum		
	nucleus		
	plasma membrane		