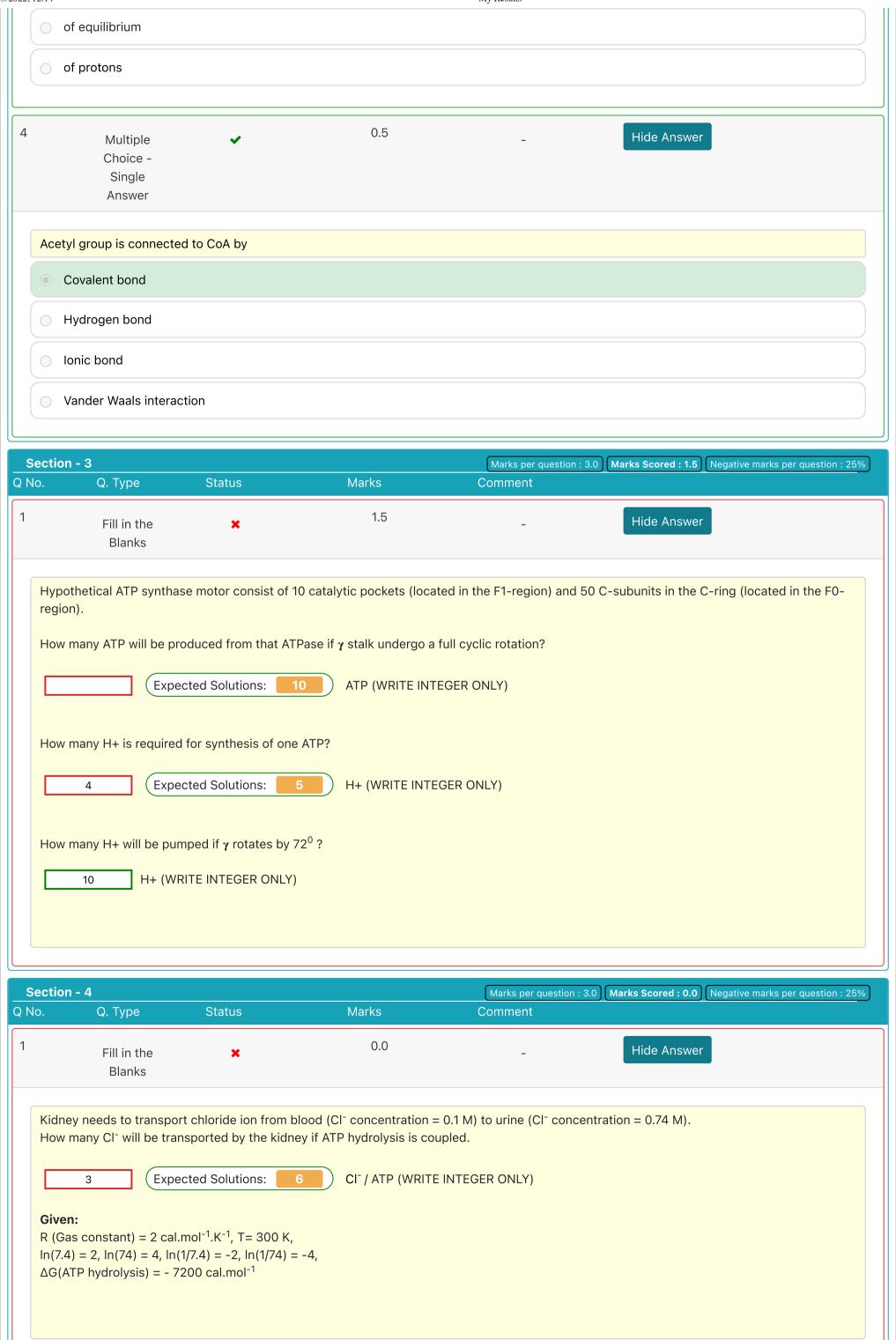
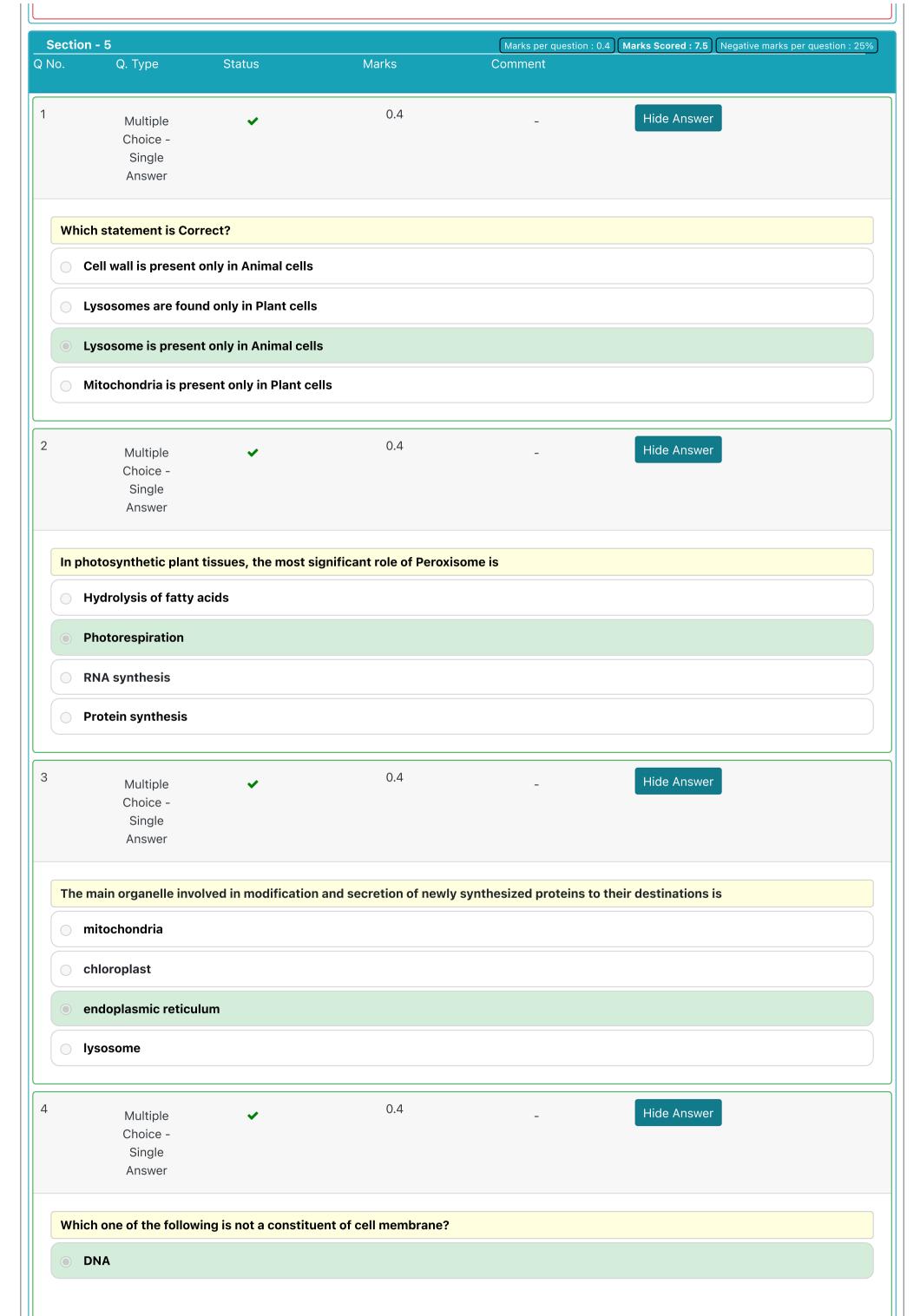


		Multiple Choice - Single Answer	•		_	Hide Answer
NAI	<mark>DH indu</mark>	ce more proton pump	oing (in the ETC) across t	the mitochondrial membrar	ne than FADH2	
	False					
	True					
5		Multiple Choice - Single Answer	×	-0.12	-	Hide Answer
	o carbor False	ns released as CO ₂ fro	om the CAC cycle belong	to the Acetyl-CoA introdu	ced at the first step	p of CAC.
	True					
6		Multiple Choice - Single Answer	~	0.5	-	Hide Answer
	P is only False	produced in the mito	ochondria			
	True					
7		Multiple Choice - Single Answer	~	0.5	-	Hide Answer
Live	er delive	er lipids into the blood	d as VLDL			
	False					
	True					
8		Multiple Choice - Single Answer	~	0.5	-	Hide Answer
In a	bsence	of oxygen mitochono	d <mark>ria primarily contribute</mark> f	or energy production in ce	I	
	False					
	True					
9		Multiple Choice - Single Answer	A	0.0	-	Hide Answer

○ Fa	alse					
ОТ						
)	Multiple	×	-0.12	-	Hide Answer	
	Choice -					
	Single Answer					
	71110WC1					
ATP h	ydrolysis at equilib	rium allow cells to pe	rform work			
O Fa	alse					
TI	rue					
Section No.	- 2 Q. Type	Status	Marks	Marks per question Comment	: 0.5 Marks Scored : 2.0 Negative marks per que	stion : 25
			0.5		Hide Answer	
	Multiple Choice -	✓		-	Filde Allswei	
	Single					
	Answer					
NADH	I <mark>, FADH2 are derive</mark>	ed from				
O P	roteins					
С	arbohydrates					
0 V	itamins					
O Li	pids					
			0.5			
	Multiple Choice -	✓	0.0	-	Hide Answer	
	Single					
	Answer					
β-oxio	dation is responsibl	e for energy producti	on in cell from			
O P	rotein					
С	arbohydrate					
0 V	itamin					
O Li	pid					
	NAC 112 1		0.5		Hide Answer	
	Multiple Choice -	✓		-	Filde Answer	
	Single					
	Answer					
Chaor	se the most approp	oriate option. Non-spo	ontaneous processes in c	ell occur because		
CHOOS						





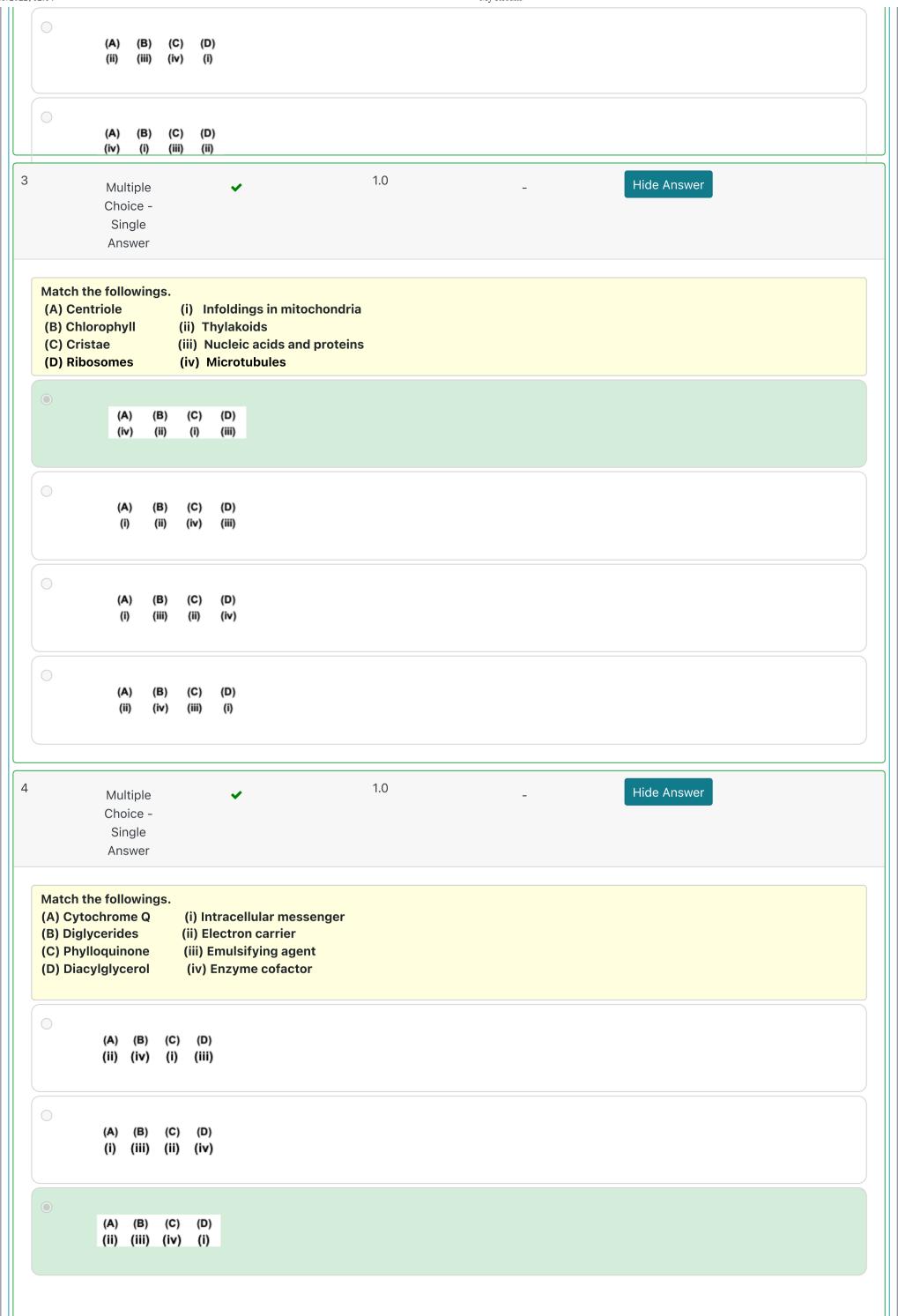
	0	Proteins
		Cholesterol
		Phospholipids
5		Multiple Choice - Single Answer
	Wh	nich statement is Correct?
		Centrosome is single membrane bound organelle
		Mitochondria is a single membrane bound organelle
		Endosomes are single membrane bound organelles
	0	Peroxisomes are cell organelles without the membrane
6		Multiple Choice - Single Answer
	The	e Golgi apparatus is involved in the formation of
		Smooth endoplasmic reticulum
		Nucleus
		Mitochondria
		Lysosomes
7		Multiple Choice - Single Answer
	Chi	romosome movement during cell division is regulated by
		Microfilaments
		Microtubules
		All of these
		Intermediate filaments
8		Multiple Choice - Single Answer
	The	e plasma membrane consists mainly of
		Phospholipids embedded in a protein bilayer

	rotoine ambaddad in a nalymar of alyeans malesyles	
O P	roteins embedded in a polymer of glucose molecules	
P	roteins embedded in a phospholipid bilayer	
	Multiple ✓ 0.4 Hide Answer	
	Choice -	
	Single	
	Answer	
Micro	tubule is involved in the	
_ M	embrane architecture	
) M	uscle contraction	
O D	NA recognition	
C	ell division	
	Multiple × -0.1 - Hide Answer	
	Multiple - Thide Answer	
	Choice -	
	Single Answer	
	Answer	
In wh	nich part of the chloroplast, Chlorophyll is found?	
S⁻	troma	
O G	rana	
) G	rana and Stroma	
S	troma and Lamella	
	Multiple ✓ 0.4 Hide Answer	
	Choice -	
	Single Answer	
	Allewei	
Whic	n statement is Incorrect	
_ c	entriole is present only in Animal and lower plants	
	icrotubules are present in both Plant and animal cells	
<u>В</u>	oth Animal and Plants cells contain Nuclear envelope and Chromatin	
N	ucleolus is a single membrane bound structure	
	Multiple ✓ 0.4 Hide Answer	
	Choice -	
	Single	
	Answer	
	n one of the following is responsible for the protein synthesis?	
Whicl	Tolle of the following is responsible for the protein synthesis:	

	Cell membrane				
	Golgi apparatus				
	Ribosome				
10			0.4		
13	Multiple Choice - Single Answer	•	0.4	- Hide Answe	PF The second se
Th	e bacterial pathogens ar	r <mark>e engulfed by ar</mark>	nimal cells through the proc	ess of	
	Exocytosis				
	Autophagy				
	Phagocytosis				
	Endocytosis and Autop	hagy			
14	Multiple Choice - Single Answer	~	0.4	- Hide Answe	er
Pe	roxisomes contains the l	Protein			
0	Catalase				
0	Lamin				
0	Actin				
	Keratin				
5	Multiple Choice - Single Answer	~	0.4	- Hide Answe	er
Ge	enetically inactive and hig	ghly condensed	region with tightly packed C	INA is	
	Heterochromatin				
	Euchromatin				
	Chromosome				
	Chromatin				
16	Multiple Choice - Single Answer	•	0.4	- Hide Answe	er
Ly	vsosome contains				

	0	reductive enzymes
	0	oxidative enzymes
	0	anabolic enzymes
		hydrolytic enzymes
17		Multiple • 0.4 - Hide Answer
		Choice - Single Answer
	In g	germinating seeds fatty acids are degraded exclusively in the
		Glyoxysomes
	0	Mitochondria
	0	Lysosomes
	0	Golgi apparatus
18		Multiple Choice - Single Answer
	Ce	Ilular organelles with membranes are
	0	lysosomes, golgi apparatus and mitochondria
	0	centrosome, nuclei and mitochondria
	0	chromosomes, microtubule and endoplasmic reticulum
	0	endoplasmic reticulum, centriole and nuclei
19		Multiple Choice - Single
		Answer
	Vac	cuole in a plant cell
		is membrane-bound and contains storage proteins and lipids
	0	lacks membrane and contains water and excretory substances
		lacks membrane and contains air
	0	is membrane-bound structure containing cytoplasm
20		Multiple 0.4
20		Multiple Choice - Single Answer

	!- •										
Nu	ıcleolus										
O Go	lgi appa	ratus	•								
Ce	ntriole										
ction -	- 6							Marks per ques	stion : 1.0	Marks Scored : 4.0	Negative marks per question
	Q. Ty	ре		Sta	ntus	١	Marks	Comment			
	Cho Sir	tiple ice - igle swer			•		1.0	-		Hide Answer	
(A) Sto (B) Str	uctural ansport		(i) (ii) (iii)								
	(A) (ii)	(B) (iv)	(C) (i)	(D) (iii)							
0	(A) (i)	(B) (ii)	(C) (iv)	(D) (iii)							
0	(A) (i)	(B) (iii)	(C) (ii)	(D) (iv)							
0	(A) (iv)	(B) (i)	(C) (iii)	(D) (ii)							
	Cho Sir	tiple ice - igle swer			•		1.0	-		Hide Answer	
(A) Mu (B) Mu (C) Ga		acch ebro	aride side	(ii	(i) Glycoger i) Glycosphir (iii) Glycosa (iv) Glycopro	ngolipid minoglyc	ans				
0	(A) (ii)	(B) (i)	(C) (iv)	(D) (iii)							
	(A)	(B)	(C)	(D)							



(A) (B) (C) (D) (iv) (i) (iii) (iii)