

MEDICAL UNIVERSITY - VARNA

ANSWER SHEET

Examination in: Bi	ologi	y									
Date:						Final mark:					
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City:											
Country:						Examinators:					
						1					
						2				• • • • • • • • • • • • • • • • • • • •	
To be filled in l	by th	е ар	plica	ant		To be filled in by the	те Ме	edica	l Uni	versi	ty
more than one answer in NOT allowed – answer wrong answers.	one co	orrect ked –	answ the a	nswe	r will be	correct answer by crossing considered as wrong. Ansidered as wrong. No p	ny ki	ind of	corre	ection	is are
Example:		h	0	٦							
	8	b	С	d							
							\				
1	a	b	С	d		19	a	b	С	d	
2	a	b	C	XQ		20	a	b	C		
3	a	b)Š.	a 📈		21 22	a	b	X	d	
5	a a	b b	×	٦ \		23	a a) x	c ×	d	
6	a (b	C	d		24	а	b >	C	d d	
7	X	b	С	d		25)a(b	С	d	
8	a	b	×	d		26	a	b	×	d	
9	à	b	С	d		27	а	b <	С	d	
10	a	b	С	d		28	а	b	X	d	
11	a	b	С	d		29	X	b	С	d	
12	а	b	×	d		30	а	b	×	d	
13	а	b	×	d		31	а	X	С	d	
14	а	X	С	d		32	а	X	С	d	
15	а	X	С	d		33	X	b	С	d	
16	а	X	С	d		34	а	b	С	\d(
17	а	b	\times	d		35	а) <	С	d	
18	a	b	С	d							



Section B: Gap Filling Questions

Each test item has four missing words or terms. Write the most appropriate words or terms that may fill the gaps. Corrections are NOT allowed – corrected or not filled answers will be considered as wrong. No points will be deducted for wrong answers.

1.	1 voluntary	2 unvoluntary
	3 actin	4 myosin
2.	1 small	2 large
	3 rRNA	4 proteins

Section C: Matching Questions

Each item from column I should be matched with those given in column II. Cross the letter of the correct term from column II to the corresponding number from column I. Corrections are NOT allowed—corrected or not filled answers will be considered as wrong. No points will be deducted for wrong answers.

	Column I		Colu	mn II		
1.	1	а	b	×	d	е
	2	а	b	С	d	æ
	3	a <	b	С	d	е
	4	а)	С	d	е
	5	а	b	С	X	е
	Column I		Colu	mn II		
2.	1	а)X	С	d	е
	2	а	b	X	d	е
	3	а	b	С	\nearrow	е
	4	а	b	С	d	×
	5	%	b	С	d	е



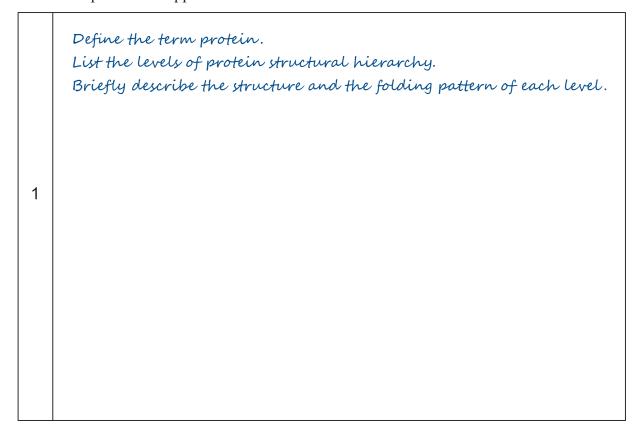
Section D: True/False Questions

Each statement in this section is true or false. Indicate whether the statement is true or false by crossing TRUE for the correct statement or FALSE – for the incorrect. Corrections are NOT allowed – corrected or not marked answers, as well as if both possibilities are marked will be considered as wrong. No points will be deducted for wrong answers.

1	True	Fakse
2	True	False

Section E: Definitions and Explanations

Give definition and briefly explain the following chemical or biological concepts. Give examples where applicable.





Number of points:

	Define the term "numerical mutation". List the human numerical mutations you know. Write down the karyotype of each numerical mutation (the typical human karyotype is 46,XX or 46,XY).
2	