



UMFT

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Annex to H.S no. 1/4557/23.05.2013

EXAM GRADING METHODOLOGY FOR THE STUDENTS AT THE “VICTOR BABEȘ” MEDICINE AND PHARMACY UNIVERSITY FROM TIMISOARA

I. GENERAL RULES

Art. 1.

Multiple choice tests on theoretical examinations will be developed observing the following proportions:

- a) Up to 30% of all questions will be single-answer questions, marked with an asterisk, with only one possible answer from 5;
- b) The other questions will be multiple-answer questions, with 2, 3, or 4 correct answers.

Art. 2 (1) Students will fill in an answer form, A4 format, as shown in Appendix 1 and 2 (50 questions) and Appendix 3 and 4 (100 questions), respectively.

(2) When filling in the answer form, the correct answers will be marked according to Annex 5 (with an X the correct answers, and the incorrect, with a horizontal line) or according to Annex 6 (full blackening the ellipses corresponding to the correct answers, inside the lines, and the ellipses corresponding to the wrong answers will be left blank)

Art. 3 Academics can choose to correct the papers with the help of a piece of software developed at, the “Victor Babeș” University of Medicine and Pharmacy, Timișoara. For that purpose, student papers (filled in forms) will be scanned in JPG format.

Art. 4 During the first stage of the correction, the percentage achieved from the total score will be calculated using the formula: $(\text{achieved percentage}) = (100\%) \times (\text{achieved percentage}) / (\text{maximum percentage})$.

Art. 5 In order to find out the appropriate grade, the percentage achieved will be included in the Excel table provided to the academics on the website of the “Victor Babeș” University of Medicine and Pharmacy Timișoara. The grade awarded for the theoretical examination will not be rounded up.

Art. 6. The grade obtained in the exam is calculated with the formula: $(\text{exam grade}) = 0.1 \times (\text{grade for the activity}) + 0.4 \times (\text{grade for the practical exam}) + 0.5 \times (\text{grade for the theoretical exam})$ and its value will be rounded up to the nearest whole number.

Art. 7. Attendance at courses and practice/practical activities meets the provisions of the Regulation related to the Teaching Activity Organizing and Development within the in force academic bachelor studies.

Art. 8. The papers will not be corrected according to the “ALL or NOTHING” principle.

CHAPTER II. SPECIAL SITUATIONS

Art. 9. In the case of modular exams, passing the exam is conditioned by the achievement of the minimum score for each disciplines.



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Art. 10. In case a student does not pass an exam in one of the disciplines of the module, the student has to retake an exam *only* for the respective discipline.

Chapter III. Multiple-choice-test grading

Art. 11. One variant of a multiple-choice test will be selected for a certain discipline.

Art. 12. The 1st variant. The grade of the theoretic examination will be determined by the evaluation system which has been used for the residency examination at the “Victor Babeș” University of Medicine and Pharmacy, Timisoara.

- For the questions with a single correct answer, each question is worth 4 points; if for these questions one marks more or less than one correct answer, the score achieved is 0.
- For the questions with multiple correct answers, each question with correct answers will be marked with 5 points; if not all of the correct answers are marked, the score will be equal to the number of concordances between the correct multiple-choice test and the given answers (see fig. 1); if for a question with multiple correct answers, one marks less than 2 or more than 4 answers, the achieved score is 0.
- The successful passing of the theoretical examination is being conditioned by accomplishing at least 60% of the maximum score;
- Grade 5 will be achieved for 60% of the maximum score, grade 10 will be achieved for accomplishing at least 95% of the maximum score and, if the percentage which has been achieved by the student is situated between 60% and 95%, the mark will be determined by linear interpolation (according to the graphics or with the help of the Excel file which is available for the teaching staff on the “Victor Babeș” University of Medicine and Pharmacy, Timisoara webpage).
- The 1st figure shows examples of how points are being awarded in the system used at the residency examination at the “Victor Babeș” University of Medicine and Pharmacy, Timisoara.

Variant	A	B	C	D	E	Variant	A	B	C	D	E
Correct answer	X	X	-	X	-	Correct answer	X	X	-	X	-
Answer	X	-	-	-	-	Answer	X	X	X	X	X
Points per question = 0 points (one marked answer)						Points per question = 0 points (5 marked answers)					
Variant	A	B	C	D	E	Variant	A	B	C	D	E
	X	X	-	X	-		X	X	-	X	-



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Correct answer						Correct answer					
Answer	X	-	-	X	-	Answer	X	X	-	X	-
Partial points:	1	0	1	1	1	Partial points:	1	1	1	1	1
Points per question:	4 points					Points per question:	5 points				
Variant	A	B	C	D	E	Variant	A	B	C	D	E
Correct answer	X	X	-	X	-	Correct answer	X	X	-	X	-
Answer	X	-	X	X	X	Answer	-	X	-	-	X
Partial points:	1	0	0	1	0	Partial points:	0	1	1	0	0
Points per question:	2 points					Points per question:	2 points				

Figure 1. Examples of score achieved in the system used for the residency examination.

Note: for this variant the residency multiple-choice test with bullets can also be used.

Art. 12. The 2nd variant. The mark received at the theoretic examination will be determined by the following evaluation system:

- For a question with a single correct answer one point is achieved if the right answer is being marked and 0 points if marked otherwise;
- For a question with multiple correct answers one point is achieved if all the right answers are being marked; if only right answers are being marked but not all the right answers, the score which is directly proportional with the number of the correctly marked answers will be achieved (for example the score is 0.5 if 2 right answers are marked out of 4 correct answers); 0 points will be achieved if among the marked answers there is at least one wrong answer;
- The successful passing of the theoretical examination is being conditioned by accomplishing at least 50% of the minimum points;
- Grade 5 will be achieved for 50% of the maximum score, grade 10 for accomplishing at least 90% of the maximum score and if the percentage which has been received by the student is situated between 50% and 90%, the grade will be determined by linear interpolation (according to the graphics or with the help



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of the Excel file which is available for the teaching staff on the “Victor Babes” University of Medicine and Pharmacy, Timisoara webpage).

e) The 2nd figure shows examples of how score is achieved in this system.

<table border="1"> <thead> <tr> <th>Variant</th> <th>A</th> <th>B</th> <th>C</th> <th>D</th> <th>E</th> </tr> </thead> <tbody> <tr> <td>Correct answer</td> <td>X</td> <td>X</td> <td>-</td> <td>X</td> <td>-</td> </tr> <tr> <td>Answer</td> <td>X</td> <td>X</td> <td>-</td> <td>X</td> <td>-</td> </tr> <tr> <td>Partial points:</td> <td>1/3</td> <td>1/3</td> <td></td> <td>1/3</td> <td></td> </tr> <tr> <td>Points per question =</td> <td colspan="5">1 point</td> </tr> </tbody> </table>	Variant	A	B	C	D	E	Correct answer	X	X	-	X	-	Answer	X	X	-	X	-	Partial points:	1/3	1/3		1/3		Points per question =	1 point					<table border="1"> <thead> <tr> <th>Variant</th> <th>A</th> <th>B</th> <th>C</th> <th>D</th> <th>E</th> </tr> </thead> <tbody> <tr> <td>Correct answer</td> <td>X</td> <td>X</td> <td>-</td> <td>X</td> <td>-</td> </tr> <tr> <td>Answer</td> <td>X</td> <td>-</td> <td>-</td> <td>X</td> <td>-</td> </tr> <tr> <td>Partial points:</td> <td>1/3</td> <td></td> <td></td> <td>1/3</td> <td></td> </tr> <tr> <td>Points per question =</td> <td colspan="5">2/3 = 0.667 points</td> </tr> </tbody> </table>	Variant	A	B	C	D	E	Correct answer	X	X	-	X	-	Answer	X	-	-	X	-	Partial points:	1/3			1/3		Points per question =	2/3 = 0.667 points				
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Figure 2. Examples of score achieved in the system using partial points and equal balance.

Art. 12. The 3rd variant. The grade achieved at the theoretical examination will be determined by the evaluation system which has been used for the entrance examination at the U.M.F. “Victor Babes” Timisoara.

- For a question with a single correct answer one point is achieved if the right answer is being marked and 0 points if marked otherwise;
- For a question with multiple correct answers, if only right answers are being marked, the score is achieved according to the number of answers which have been marked correctly; if among the answers there is at least one false answer, 0 points are achieved for the corresponding question;



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- c) The successful passing of the theoretic examination is being conditioned by accomplishing at least 50% of the minimum points;
- d) Grade 5 will be achieved for 50% of the maximum score, grade 10 for accomplishing at least 90% of the maximum score and if the percentage which has been achieved by the student is situated between 50% and 90%, the grade will be determined by linear interpolation (according to the graphics or with the help of the Excel file which is available for the teaching staff on the “Victor Babeș” University of Medicine and Pharmacy, Timisoara webpage).
- e) The 3rd figure shows examples of how a score is achieved in the system used at the entrance examination at the “Victor Babeș” University of Medicine and Pharmacy, Timisoara.

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Figure 3. Examples of score achieved in the system used at the entrance examination.

Note: for this variant the residency multiple-choice test with bullets can also be used.

Art. 13. The senate of the “Victor Babeș” Medicine and Pharmacy University from Timisoara approved this methodology in the session from 2018, date when it becomes effective.

Rector,



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Univ. Professor Marius Raica PHD

**Approved by the Legal Office
C.j. Codrina Mihaela Levai PhD**