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Purpose

This document is an appendix to Exam Structures & Rules document.

Exam Structures Rules Compatible with Syllabus on Foundation and Advanced Levels, and Specialist Modules

Revision History

Version	Date	Remarks
1.6	May 9,2023	Added CTFL4.0, removed CTAL-TA 3.0 and CTAL-TTA 3.0.
1.5	Oct 21, 2022	Added CT-GaMe v1.0.1
1.4	May 13, 2022	Added CTAL-ATLaS v1.0
1.3	January 14, 2022	Correction for CTFL where LOs 5.4.1, 5.5.2, and 5.5.3 were regretable grouped in the K3 box,
		instead of being part of the K2 box above then (in the list)
1.2	August 4, 2021	Added CT-AI v1.0
1.1	May 21, 2021	Added CTAL-TTA v4.0
1.0	April 15, 2021	Collecting all previous S&R documents for individual syllabi into one document

Exam Structures Rules Compatible with Syllabus on Foundation and Advanced Levels, and Specialist Modules

				Number of	Number of Possible	Exactly 65% of	Passing Score (at	Exam Length, in	Exam Length +
Stream	Level	Acronym		Questions	Points	the points	least 65%)	minutes	25%
Core	Foundation	CTFL	Certified Tester Foundation Level v4.0	40	40	26,00	26	60	75
Core	Foundation	CTFL	Certified Tester Foundation Level v3.1	40	40	26,00	26	60	75
Core	Advanced	CTAL-TM	Certified Tester Advanced Level Test Manager v2.0 (2012)	65	115	74,75	75	180	225
Core	Advanced	CTAL-TA	Certified Tester Advanced Level Test Analyst v3.0 (2019)	40	80	52,00	52	120	150
core	Auvanceu		Certified Tester Advanced Level Test Analyst v3.1	40	80	52,00	52	120	150
Core	Advanced	CTAL-TTA	Certified Tester Advanced Level Technical Test Analyst v3.0 (2019)	45	76	49,40	50	120	150
COLE	Auvanceu		Certified Tester Advanced Level Technical Test Analyst v4.0	45	78	50,70	51	120	150
Agile	Foundation	CTFL-AT	Certified Tester Foundation Level Agile Tester	40	40	26,00	26	60	75
Agile	Advanced	CTAL-ATLaS	Certified Tester Advanced Level Agile Test Leadership at Scale v1.0	15	25	16,25	17	45	56
Agile	Advanced	CTAL-ATT	Certified Tester Advanced Level Agile Technical Tester	40	64	41,60	42	90	113
Specialist		CT-MBT	Certified Tester Model-Based Tester	40	40	26,00	26	60	75
Specialist		CT-AuT	Certified Tester Automotive Software Tester	40	40	26,00	26	60	75
Specialist		CT-UT	Certified Tester Usability Testing	40	40	26,00	26	60	75
Specialist		CT-AcT	Certified Tester Acceptance Testing	40	40	26,00	26	60	75
Specialist		CT-GT	Certified Tester Gambling Industry Tester	40	40	26,00	26	60	75
Specialist	NA	CT-MAT	Certified Tester Mobile Application Testing	40	40	26,00	26	60	75
Specialist		CT-PT	Certified Tester Performance Testing	40	40	26,00	26	90	113
Specialist]	CT-TAE	Certified Tester Test Automation Engineer	40	75	48,75	49	90	113
Specialist]	CT-SEC	Certified Tester Security Tester	45	80	52,00	52	120	150
Specialist		CT-AI	Certified Tester AI Testing	40	47	30,55	31	60	75
Specialist		CT-GaMe	Certified Tester Game Testing	40	40	26,00	26	60	75

K-Level	Number of Questions	Question Timing in minutes	Total Time by K-Level (Approximate)
K1	6	1	6
К2	17	1	17
К3	8	3	24
TOTALS	31		47

* [for asterix below]

Question	K-Level	Number of Questions per LO			
Distribution Chapter 1		(group)*	Question		
FL-1.1.1	K1			T	
FL-1.2.2	K1	1	1		
FL-1.5.2	K1	1	1		
FL-1.1.2	1/2	4	4		
FL-1.2.1 FL-1.2.3	K2	1	1	There is a total of 8 questions required for Chapter 1.	
FL-1.2.3 FL-1.3.1	К2	1	1	K1 = 2	
FL-1.4.1	112	1		K2 = 6	
FL-1.4.2				K3 = 0	
FL-1.4.3	K2*	3	1	Number of points for this chapter = 8	
FL-1.4.4					
FL-1.4.5					
FL-1.5.1 FL-1.5.3	К2	1	1		
Chapter 2					
FL-2.1.2	K1	1	1	1	
FL-2.1.3	K1	1	1		
FL-2.2.1	К2	1	1	There is a total of 6 questions required for Chapter 2.	
FL-2.2.2				K1 = 2	
FL-2.2.3 FL-2.3.1	К2	1	1	K2 = 4	
FL-2.3.1 FL-2.1.1				КЗ = 0	
FL-2.1.6	K2	1	1	Number of points for this chapter = 6	
FL-2.1.4	К2	1	1	1	
FL-2.1.5	κ2	1	1		
Chapter 3					
FL-3.1.1	-				
FL-3.2.1 FL-3.2.3	K1*	2	1	There is a total of 4 questions required for Chapter 3.	
FL-3.2.5	-			K1 = 2	
FL-3.1.2	1/2		4	K2 = 2	
FL-3.1.3	K2	1	1	K3 = 0 Number of points for this chapter = 4	
FL-3.2.2	К2	1	1	Number of points for this chapter = 4	
FL-3.2.4		-	-		
Chapter 4	K2	1	1		
FL-4.1.1 FL-4.3.1	K2	1	1	-	
FL-4.3.2	К2*	2	1		
FL-4.3.3					
FL-4.4.1				There is a total of 11 questions required for Chapter	
FL-4.4.2	K2*	2	1	4.	
FL-4.4.3				К1 = 0	
FL-4.5.1 FL-4.5.2	К2	1	1	K2 = 6 K3 = 5	
FL-4.3.2				Number of points for this chapter = 11	
FL-4.2.2					
FL-4.2.3	К3	5	1		
FL-4.2.4					
FL-4.5.3					
Chapter 5	1			Т	
FL-5.1.2 FL-5.1.6	1				
FL-5.2.1	K1	1	1		
FL-5.3.1	1				
FL-5.1.1	К2	1	1		
FL-5.1.3				There is a total of 9 questions required for Chapter 5.	
FL-5.1.7 FL-5.2.2	K2	1	1	К1 = 1	
FL-5.2.2 FL-5.2.3	К2	1	1	K2 = 5	
FL-5.2.4	1 -	-	-	K3 = 3 Number of points for this chapter = 9	
FL-5.3.2	К2	1	1		
FL-5.3.3					
FL-5.4.1	K2	1	1		
FL-5.1.4	K2	2	4		
FL-5.1.5 FL-5.5.1	K3	3	1		
Chapter 6	1				
				There is a total of 2 question required for Chapter 6.	
FL-6.1.1	К2	1	1	K1 = 1	
				K2 = 1	
FL-6.2.1	К1	1	1	КЗ = 0	
				Number of points for this chapter = 2	
TOTALT 60 minutes f	for 40 questions				

K-Level	Number of Questions	Question Timing in minutes	Total Time by K-Level (Approximate)
К1	7	1	7
К2	24	1	24
КЗ	8	3	24
К4	0	4	0
TOTALS	39		55

Question Distribution	K-Level	Number of Questions per LO (group)*	Suggested Points per Question	
Chapter 1				
FL-1.1.1 FL-1.5.1	К1	1	1	
FL-1.1.2				
FL-1.2.1				
FL-1.2.2				There is a total of 8 questions required for Chapter 1.
FL-1.2.3				K1 = 2
FL-1.2.4				K2 = 6
FL-1.3.1	К2	6	1	КЗ = 0
FL-1.4.1				Number of points for this chapter = 8
FL-1.4.2 FL-1.4.3				
FL-1.4.3 FL-1.4.4				
FL-1.5.2				
Chapter 2				
FL-2.1.2	K1	1	1	
FL-2.3.2	K1	1	1	There is a total of 5 questions required for Chapter 2.
FL-2.1.1				K1 = 1
FL-2.2.1				K2 = 4
FL-2.3.1	К2	4	1	K2 = 4 K3 = 0
FL-2.3.3			=	Number of points for this chapter = 5
FL-2.4.1				,
FL-2.4.2				
Chapter 3 FL-3.1.1				
FL-3.1.1 FL-3.2.2	K1	1	1	
FL-3.1.2				There is a total of 5 questions required for Chapter 3.
FL-3.1.3				K1 = 1
FL-3.2.1	К2	3	1	K2 = 3 K3 = 1
FL-3.2.3				K3 = 1 Number of points for this chapter = 5
FL-3.2.5				
FL-3.2.4	К3	1	1	
Chapter 4				
Keywords	К1	1	1	
FL-4.1.1 FL-4.3.1				
FL-4.3.1 FL-4.3.2				
FL-4.3.3	К2	4	1	There is a total of 11 questions required for Chapter
FL-4.4.1				4.
FL-4.4.2				K1 = 1 K2 = 5
FL-4.4.3				K2 = 5 K3 = 5
FL-4.2.1	К3	3	1	Number of points for this chapter = 11
FL-4.2.2				
FL-4.2.3	К3	1	1	_
FL-4.2.4	K3	1	1	_
FL-4.2.5	К2	1	1	
Chapter 5 FL-5.1.2				
FL-5.2.5				
FL-5.3.1	К1	2	1	
FL-5.5.1				
FL-5.1.1				
FL-5.2.1				There is a total of 9 questions required for Chapter 5.
FL-5.2.2				K1 = 2
FL-5.2.3	K2	F		K2 = 5
FL-5.2.6	К2	5	1	K3 = 2
FL-5.3.2 FL-5.4.1				Number of points for this chapter = 9
FL-5.4.1 FL-5.5.2				
FL-5.5.3				
FL-5.2.4	K2	2	4	
FL-5.6.1	К3	2	1	
Chapter 6				
FL-6.1.2				There is a total of 2 questions required for Chapter 6.
FL-6.1.3				K1 = 1
FL-6.2.1	К1	1	1	K2 = 1
FL-6.2.2				K3 = 0
FL-6.2.3	V 2	1	4	Number of points for this chapter = 2
FL-6.1.1 TOTALT 60 minutes fo	K2	1	1	
TOTAL 1 60 minutes fo	or 39 questions			

K-Level	Number of Questions	Question Timing in minutes	Total Time by K-Level (Approximate)
K1	10	1	10
К2	22	1	22
КЗ	8	3	24
К4	0	4	0
TOTALS	40		56

Question Distribution	K-Level	Number of Questions per LO (group)*	Suggested Points per Question	
Chapter 1				
FA-1.1.1				
FA-1.2.1	K1	5	1	There is a total of 13 questions required for Chapter
FA-1.2.5				1.
FA-1.1.2	К2	2	1	K1 = 5
FA-1.1.3	К2	2	1	K2 = 7
FA-1.2.2	КЗ	1	1	K3 = 1
FA-1.2.3	К2	2	1	Number of points for this chapter = 13
FA-1.2.4	К2	1	1	
Chapter 2				
Keywords	K1	1	1	
FA-2.1.1	К2	1	1	There is a total of 12 questions required for Chapter
FA-2.1.2	К2	1	1	2.
FA-2.1.3	К2	2	1	K1 = 1
FA-2.2.1	К2	2	1	K2 = 11
FA-2.2.2	К2	2	1	K3 = 0
FA-2.3.1	К2	1	1	Number of points for this chapter = 12
FA-2.3.2	К2	2	1	
Chapter 3				
Keywords				
FA-3.1.1	К1	4	1	
FA 3.1.2	KI	4	1	
FA-3.4.1				There is a total of 15 questions required for Chapter
FA-3.1.3	К2	2	1	There is a total of 15 questions required for Chapter 3.
FA 3.1.4	КЗ	1	1	5. K1 = 4
FA-3.2.1	КЗ	1	1	K1 = 4 K2 = 4
FA-3.2.2	КЗ	1	1	K2 = 4 K3 = 7
FA-3.3.1	КЗ	1	1	K3 = 7 Number of points for this chapter = 15
FA-3.3.2	К2	2	1	Number of points for this chapter = 15
FA-3.3.3	КЗ	1	1	
FA-3.3.4	КЗ	1	1	
FA-3.3.5	К3	1	1	
TOTALT 60 minutes fo	or 40 questions	5		

K-Level	Number of Questions	Question Timing in minutes	Total Time by K-Level (Approximate)
K1	0	1	0
К2	25	1	25
К3	6	3	18
К4	9	4	36
TOTALS	40		79

Question Distribution	K-Level	Number of Questions per LO (group)*	Suggested Points per Question		
Chapter 1					
ATT-1.1.1-2				There is a total of 6 questions required for Chapter 1.	
ATT-1.1.2-2	К2	3	1	K2 = 3	
ATT-1.1.1-1		_	_	K3 = 0 K4 = 4	
ATT-1.1.2-1	К4	3	3	Number of points for this chapter = 12	
Chapter 2					
ATT-2.1.1-2	К2	3	1		
ATT-2.1.1-3	κz	3	1		
ATT-2.1.2-2	К2	1	1		
ATT-2.2.2-2	К2	3	1		
ATT-2-2.1-2	ΝZ	5	T	There is a total of 20 questions required for Chapter	
ATT-2.3.1	К2	1	1	2.	
ATT-2.3.2-2	К2	3	1	K2 = 11	
ATT-2.3.1-2	κz	3	T	K3 = 3	
ATT-2.1.1	К3	3	2 К4 = 6	K4 = 6	
ATT-2.1.2	ĸs	3	Z	Number of points for this chapter = 35	
ATT-2.1.3	К4	2	3		
ATT-2.2.1	К4	3	3		
ATT-2.2.2	14	5	5		
ATT-2.3.2	К4	1	3		
Chapter 3					
ATT-3.1.2	К2	1	1	There is a total of 9 questions required for Chapter 3.	
ATT-3.1.3-1	К2	3	1	K2 = 7	
ATT-3.1.3-2	112	3	1	K2 = 7 K3 = 2	
ATT-3.2.1	К2	3	1	K4 = 0	
ATT-3.2.1-2		5	-	Number of points for this chapter = 11	
ATT-3.1.1	КЗ	2	2		
Chapter 4					
ATT-4.1.2	К2	1	1	There is a total of 5 questions required for Chapter 4.	
ATT-4.2.1				K2 = 4	
ATT-4.2.1-2	К2	3	1	K3 = 1 K4 = 0	
ATT-4.1.1	КЗ	1	2	Number of points for this chapter = 6	
TOTALT 90 minutes for	or 40 questions				

K-Level	Number of Questions	Question Timing in minutes	Total Time by K-Level (Approximate)
K1	0	1	0
К2	7	2	14
КЗ	6	3	18
К4	2	4	8
TOTALS	15		40

Question Distribution	K-Level	Number of Questions per LO (group)*	Suggested Points per Question	
Chapter 1				
ATLaS-1.1.1	К2	3	1	There is a total of 3 questions required for Chapter 1. K2 = 3 K3 = 0
ATLaS-1.2.1	κz	J	Ţ	K4 = 0 K4 = 0 Number of points for this chapter = 3
Chapter 2				
ATLaS-2.1.1	К2	1	1	There is a total of 5 questions required for Chapter 2. K2 = 1
ATLaS-2.1.2	К3	2	2	K3 = 2 K4 = 2
ATLaS-2.2.1	K4	2	3	Number of points for this chapter = 11
Chapter 3				
ATLaS-3.1.1	К3	2	2	There is a total of 7 questions required for Chapter 3.
ATLaS-3.1.2	К2	1	1	K2 = 3 K3 = 4 K4 = 0 Number of points for this chapter = 11
ATLaS-3.2.1	К2	2	1	
ATLaS-3.2.2	К3	2	2	
TOTALT 45 minutes f	or 15 questions			

K-Level	Number of Questions	Question Timing in minutes	Total Time by K-Level (Approximate)	
K1	0	1	0	
К2	32	1	32	additional option of 6 to 7 questions
К3	15	3	45	addtional option of 1 question
К4	16	4	64	
TOTALS	63		141	

IM-3.3 G3 2 the set cable L0 marked with an atterial. IM-4.13 G3 2 There is a total of 13 (14) question required for Chapter 1. IM-4.14 G3 2 Iteration of the set cable L0 marked with an atterial. IM-4.15.1 G3 2 Iteration of the set cable L0 marked with an atterial. IM-4.15.1 G3 2 Iteration of the set cable L0 marked with an atterial. IM-4.15.2 G3 1 Iteration of the set cable L0 marked with an atterial. IM-4.15.2 K4 2 Iteration of the set cable L0 marked with an atterial. IM-4.15.2 K4 2 Iteration of the set cable L0 marked with an atterial. IM-4.15.2 K2 1 Iteration of the set cable L0 marked with an atterial. IM-4.2.1 K4 2 Iteration of the set cable L0 marked with an atterial. IM-4.2.1 K4 2 Iteration of the set cable L0 marked with an atterial. IM-4.2.2 K2 1 Iteration of the set cable L0 marked with an atterial. IM-4.2.1 K4 2 Iteration of the set cable L0 marked with an atterial. IM-4.2.1 K4 1 Iteration of the set cable L0 marked	TOTALS			4	
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Theory Animum of View decision And Section 4 and set of the sector 4 and a set of the sector 4 and set of the s					
Image Residuation of the work an account of the second constraints required for Chapter 1. M4.14.1 K3 2 M4.15.1 K3 2 M4.22.3 K4 2 M4.22.1 K4 2 M4.22.2 K2 1 M4.23.3 K4 2 M4.24.2 K2 1 M4.25.1 K3 1 M4.25.1 K3 1 M4.25.1 K3 1 M4.25.1 K3 1 M4.26.1 K2 1 M4.27.1 K2 1 M4.27.1 K2 1 M4.27.1 K2 1				A minimum of ONE question MAY be written against	
Image: matrix in the set of a 13 [14] questions required for $(k_2 - 2(3))$ Image: matrix in the set of a 13 [14] question sequence for $(k_2 - 2(3))$ Image: matrix in the set of a 13 [14] question sequence for the set of a 13 [14] question sequence for the set of a 13 [14] question sequence for the set of a 13 [14] question sequence for the set of a 13 [14] question sequence for the set of a 13 [14] question sequence for the set of a 13 [14] question sequence for the set of a 13 [14] question sequence for the set of a 13 [14] question sequence for the set of a 13 [14] question sequence for the set of a 13 [14] question sequence for the set of a 13 [14] question sequence for the set of a 13 [14] question sequence for the set of a 13 [14] question sequence for the set of a 13 [14] question sequence for the set of a 13 [14] question sequence for the set of a 14 [14] question sequence for the set of a 14 [14] question sequence for the set of a 14 [14] question sequence for the set of a 14 [14] question sequence for the set of a 14 [14] question sequence for the set of a 14 [14] question sequence for the set of a 14 [14] question sequence for the set of a 14 [14] question sequence for the set of a 14 [14] question sequence for the set of a 14 [14] question sequence for the set of a 14 [14] question sequence for the set of a question sequence for the set of a question sequence for the set of a question sequence for the question sequence for the question sequence for the question sequence for the set of a question sequence for the qu				the selectable LO marked with an asterisk.	
Image Interests to all of 12 full questions required for Chapter 1 Interests to all of 12 full questions required for Chapter 1 MM-16.1 K3 2 Interests to all of 12 full questions required for Chapter 2 MM-16.1 K3 2 Interests to all of 12 full questions required for Chapter 3 MM-16.1 K3 2 Interests to all of 12 full questions required for Chapter 4 MM-16.1 K3 2 Interests to all of 12 full question MUST be written agains MM-16.1 Completer 2 K4 Interests to all of 25 questions required for Chapter 4 MM-2.3 K4 1 K4 Interests total of 25 questions required for Chapter 4 MM-2.4 K4 1 K4 = 3 K4 = 3 MM-2.4 K4 1 K4 = 3 MM-2.5 K2 1 K4 = 3 MM-2.4 K4 1 K4 = 3 MM-2.5 K2 1 K4 = 3 MM-2.6 K4 1 K4 = 3 MM-2.7 K3 1 K4 = 3 MM-2.7 K3 1 K4 = 2	-				
TM-16.1 K3 2 Link B.1 TM-17.1 K2 1 K2 2 TM-18.1 K2 - K2 2 TM-18.2 K3 1 K4 2 K4 2 TM-18.2 K3 1 K4 2 K4					
Image: matrix					
IM. 8.1 K2 · M 3 = 9 K a = 2 Chapter 2 Ka = 2 TM 3.2.2 K4 2 TM 3.2.2 K2 2 TM 3.2.1 K4 2 TM 3.2.2 K2 1 TM 3.3.1 K2 1 TM 3.3.3 K4 2 TM 3.3.4 K2 2 TM 3.4.3 K2 2 TM 3.4.3 K2 2 TM 3.5.1 K3 1 TM 3.5.1 K3 1 TM 3.5.1 K2 1 TM 3.5.3 K4 2 TM 3.5.1 K2 1					
IM.3.2 K3 1 IM.3.2.1 K4 2 IM.2.2.1 K4 2 IM.2.2.3 K2 2 IM.2.2.3 K2 2 IM.2.3.3 K4 2 IM.2.3.4 K2 2 IM.2.3.5 K2 2 IM.2.4.4 K3 1 IM.2.4.4 K3 1 IM.2.4.4 K3 1 IM.2.4.4 K3 1 IM.2.5.2 K2 1 IM.2.6.3 K4 2 IM.2.6.4 K2 1 IM.2.6.1 K2 1 IM.2.6.2 K2 1 IM.2.6.3 K4 2 IM.2.6.4 K2 1 IM.2.6.1 K2 1 IM.2.6.2 K2 1 IM.2.6.3 K2 1 IM.3.1 K4 2 1 IM.3.2 K2 1 K4 = 2 IM.3.1 K4 2 1 IM.3.2					
IM-2.2.1 K4 2 IM-2.2.3 K2 2 IM-2.3.1 K2 1 IM-3.3.1 K2 1 IM-3.3.3 K4 2 IM-3.3.4 K2 2 IM-3.3.4 K2 2 IM-3.3.4 K2 2 IM-3.4.1 K4 1 IM-3.4.3 K2 2 IM-3.4.3 K2 2 IM-3.5.1 G2 1 IM-2.6.1 K2 1 IM-3.6.1 K2 1 IM-3.7.1 K2 1 IM-3.1.1 K4 2 IM-3.1	TM-1.8.2	К3	1	K4 = 2	
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IM-6.2.3 K4 1 6. TM-6.3.1 K2 1 K2 = 3 (4) TM-6.4.1 K2 * K3 = 0 TM-6.4.1 K2 * K4 = 1 Chapter 7 TM-7.2.1 K4 2 TM-7.2.2 K4 1 Aminimum of ONE question MUST be written agains the selectable LOs marked with an asterisk. TM-7.3.1 K2 1 Here is a total of 7 questions required for Chapter 7 TM-7.4.1 K2 2 K4 = 3 TM-7.5.1 K2 2 K4 = 3	TM-6.2.2	К2	1	the selectable LO marked with an asterisk.	
Initial K2 I K3 = 0 TM-6.4.1 K2 * K4 = 1 Chapter 7 K4 2 A minimum of ONE question MUST be written agains the selectable LOs marked with an asterisk. TM-7.2.1 K4 1 A minimum of ONE question MUST be written agains the selectable LOs marked with an asterisk. TM-7.3.1 K2 1 Here is a total of 7 questions required for Chapter 7 TM-7.4.1 K2 * K3 = 0 TM-7.5.1 K2 2 K4 = 3	TM-6.2.3	К4	1	There is a total of 4 (5) questions required for Chapter 6.	
TM-6.4.1 K2 * K4 K4 = 1 K4 = 1 Chapter 7 TM-7.2.1 K4 2 A minimum of ONE question MUST be written agains the selectable LOs marked with an asterisk. TM-7.2.2 K4 1 A minimum of ONE question MUST be written agains the selectable LOs marked with an asterisk. TM-7.3.1 K2 1 There is a total of 7 questions required for Chapter 7 TM-7.4.1 K2 * K3 = 0 TM-7.5.1 K2 * K4 = 3 TM-7.6.1 K2 * K4 = 3	TM-6.3.1	К2	1	K2 = 3 (4)	
TM-7.2.1K42Aminimum of ONE question MUST be written agains the selectable LOs marked with an asterisk.TM-7.2.2K41Here is a total of 7 questions required for Chapter 7TM-7.3.1K21Here is a total of 7 questions required for Chapter 7TM-7.4.1K2*K2 = 4TM-7.5.1K22K4 = 3TM-7.6.1K2*K4 = 3	TM-6.4.1	К2	*		
TM-7.2.2K41Aminimum of ONE question MUST be written agains the selectable LOs marked with an asterisk.TM-7.3.1K21There is a total of 7 questions required for Chapter 7 K2 = 4TM-7.5.1K22K2TM-7.6.1K2*K4 = 3	Chapter 7				
TM-7.2.2 K4 1 the selectable LOs marked with an asterisk. TM-7.3.1 K2 1 There is a total of 7 questions required for Chapter 7 K2 = 4 K3 = 0 K4 = 3 TM-7.5.1 K2 2 K4 = 3	TM-7.2.1	К4	2		
TM-7.3.1 K2 1 Interview				A minimum of ONE question MUST be written agains	
TM-7.4.1 K2 * There is a total of 7 questions required for Chapter 7 TM-7.5.1 K2 2 K3 = 0 TM-7.6.1 K2 * K4 = 3				the selectable LOs marked with an asterisk.	
TM-7.5.1 K2 2 K3 = 0 TM-7.6.1 K2 * K4 = 3				There is a total of 7 questions required for Chapter 7	
TM-7.6.1 K2 * K4 = 3	IIVI-7.4.1				
	TM-7 5 1	K.))		

K-Level	Number of Questions	Question Timing in minutes	Total Time by K-Level (Approximate)
К1	0	1	0
К2	17	1	17
КЗ	6	3	18
К4	17	4	68
TOTALS	40		103

Question Distribution	K-Level	Number of Questions per LO (group)*	Suggested Points per Question	
Chapter 1				
TA-1.2.1	К2	1	1	
TA-1.3.1	К2	1	1	There is a total of 6 questions required for Chapter 1.
TA-1.4.1	К2	1	1	K2 = 4
TA-1.4.2	К4	2	3	K3 = 0
TA-1.4.3				K4 = 2
TA-1.5.1	К2	1	1	Number of points for this chapter = 10
TA-1.6.1				
Chapter 2				
TA-2.1.1	КЗ	1	2	There is a total of 1 questions required for Chapter 2. K2 = 0 K3 = 1 K4 = 0 Number of points for this chapter = 2
Chapter 3				
TA-3.2.1	К4	1	3	
TA-3.2.2	K4	1	3	
TA-3.2.3	K4	2	3	
TA-3.2.4	K4 K4	2	3	There is a total of 17 questions required for Chapter
TA-3.2.4	K4 K2	1	1	3.
	K2	2	3	K2 = 3
TA-3.2.6 TA-3.2.7				K2 = 5 K3 = 1
-	K4	2	3	K3 – 1 K4 = 13
TA-3.2.8	K4	2	3	
TA-3.3.1	К2	1	1	Number of points for this chapter = 44
TA-3.3.2	К3	1	2	
TA-3.3.3	К2	1	1	
TA-3.4.1	K4	1	3	
Chapter 4				
TA-4.2.1	К2	3	1	There is a total of 11 questions required for Chapter
TA-4.2.2	K2			4.
TA-4.2.3	К2	3	1	K2 = 9
TA-4.2.4	К2			K3 = 0
TA-4.2.5	К2	3	1	K4 = 2
TA-4.2.6	К2			Number of points for this chapter = 15
TA-4.2.7	К4	2	3	· ·
Chapter 5				
TA-5.2.1	К3	3	2	There is a total of 3 questions required for Chapter 5. K2 = 0 K3 = 3
TA-5.2.2	КЗ			K4 = 0 Number of points for this chapter = 6
Chapter 6				
TA-6.2.1	КЗ	1	2	There is a total of 2 questions required for Chapter 6. K2 = 1 K3 = 1
TA-6.3.1	К2	1	1	K4 = 0 Number of points for this chapter = 3
TOTALT 120 minutes	for 40 question	ns		

K-Level	Number of Questions	Question Timing in minutes	Total Time by K-Level (Approximate)
K1	0	1	0
К2	20	1	20
К3	17	3	51
K4	8	4	32
TOTALS	45		103

Question Distribution	K-Level	Number of Questions per LO (group)*	Suggested Points per Question	
Chapter 1				
TTA-1.2.1	К2	1	1	There is a total of 2 questions required for Chapter 1. K2 = 2 K3 = 0
TTA-1.2.2	К2	1	1	K4 = 0 Number of points for this chapter = 2
Chapter 2				
TTA-2.2.1	КЗ	1	2	There is a total of 8 questions required for Chapter 2.
TTA-2.3.1	К3	2	2	K2 = 1
TTA-2.4.1	КЗ	1	2	K3 = 5
TTA-2.5.1	КЗ	1	2	K4 = 2
TTA-2.7.1	К2	1	1	Number of points for this chapter = 17
TTA-2.8.1	K4	2	3	
Chapter 3				
TTA-3.2.1	КЗ	2	2	There is a total of 7 questions required for Chapter 3.
TTA-3.2.2	КЗ	2	2	K2 = 0
TTA-3.2.3	КЗ	2	2	K3 = 7 K4 = 0
TTA-3.3.1	К3	1	2	Number of points for this chapter = 14
Chapter 4				
TTA-4.2.1	К4	2	3	
TTA-4.2.1	K4 K3	2	2	
TTA-4.2.3	K3 K2	2	1	
TTA-4.2.4	K2 K3	2	2	
TTA-4.3.1				There is a total of 13 questions required for Chapter
TTA-4.3.2	К2	1	1	4.
TTA-4.4.1	K 2	1	1	K2 = 7
TTA-4.4.2	К2	1	1	K3 = 4 K4 = 2
TTA-4.5.1	К2	1	1	$\kappa 4 = 2$ Number of points for this chapter = 21
TTA-4.5.2	KZ.	1	1	
TTA-4.6.1				
TTA-4.7.1	К2	2	1	
TTA-4.8.1				
Chapter 5				
TTA-5.1.1	К2	1	1	There is a total of 5 questions required for Chapter 5. K2 = 1
TTA-5.2.1	К4	2	3	K3 = 0 K4 = 4
TTA-5.2.2	К4	2	3	Number of points for this chapter = 13
Chapter 6				
TTA-6.1.1	К2	1	1	
TTA-6.1.2	К2	1	1	
TTA-6.1.3	К2	1	1	There is a total of 10 questions required for Chapter
TTA-6.1.4	КЗ	1	2	6.
TTA-6.2.1	К2	1	1	К2 = 9
TTA-6.2.2	К2	1	1	K3 = 1
TTA-6.2.3	K2	1	1	K4 = 0
TTA-6.2.4	K2	1	1	Number of points for this chapter = 11
TTA-6.2.5	K2	1	1	
TTA-6.2.6	К2	1 ns of 78 points	1	

K-Level	Number of Questions	Question Timing in minutes	Total Time by K-Level (Approximate)
K1	5	1	5
К2	22	1	22
К3	5	3	15
К4	0	4	0
TOTALS	32		42

Question Distribution	K-Level	Number of Questions per LO (group)*	Suggested Points per Question	
Chapter 1				
Keywords	К1	1	1	
FM-1.1.1	К2	1	1	There is a total of 7 questions required for Chapter 1.
FM-1.1.2	K2	1	1	K1 = 2
FM-1.2.1	К2	1	1	K2 = 5
FM-1.2.2	K1	1	1	КЗ = 0
FM-1.3.1	К2	1	1	Number of points for this chapter = 7
FM-1.3.2	К2	1	1	
Chapter 2				
FM-2.1.1	КЗ	1	1	
FM-2.1.2	КЗ	1	1	
FM-2.1.3	K2	1	1	
FM-2.1.4	К2	1	1	There is a total of 13 questions required for Chapter
FM-2.2.1	K1	1	1	
FM-2.2.2	K1	1	1	K1 = 4
FM-2.3.1	K1	1	1	K1 = 4 K2 = 7
FM-2.3.2	K2	1	1	K3 = 2
FM-2.3.3	K2	1	1	Number of points for this chapter = 13
FM-2.3.4	K2	1	1	Number of points for this enapter = 15
FM-2.3.5	К2	1	1	
FM-2.3.6	K1	1	1	
FM-2.3.7	K2	1	1	
Chapter 3				
Keywords	K1	2	1	
FM-3.1.1	К2	1	1	There is a total of 9 questions required for Chapter 3.
FM-3.1.2	К3	1	1	K1 = 3
FM-3.1.3	К2	1	1	K2 = 4
FM-3.1.4	K2	1	1	K3 = 2
FM-3.2.1	K1	1	1	Number of points for this chapter = 9
FM-3.2.2	К3	1	1	
FM-3.2.3	K2	1	1	
Chapter 4				
Keywords	K1	1	1	There is a total of 5 questions required for Chapter 4.
FM-4.1.1	К2	1	1	K1 = 1
FM-4.1.2	К2	1	1	К2 = 3
FM-4.1.3	К3	1	1	K3 = 1
FM-4.2.1	К2	1	1	Number of points for this chapter = 5
Chapter 5		_		
FM-5.1.1	К2	1	1	
FM-5.1.2	K2	1	1	There is a total of 6 questions required for Chapter 5.
FM-5.1.3	K1	1	1	K1 = 3
FM-5.2.1	K1 K1	1	1	K2 = 3
FM-5.2.2	K1 K1	1	1	КЗ = 0
FM-5.2.3	K2	1	1	Number of points for this chapter = 6
TOTALT 60 minutes for		·		·

K-Level	Number of Questions	Question Timing in minutes	Total Time by K-Level (Approximate)
K1	19	1	19
К2	15	1	15
К3	6	3	18
К4	0	4	0
TOTALS	40		52

Question	K-Level	Maximum Number of	Suggested Points per	
Distribution Chapter 1		Questions per LO	Question	
Keywords				There is a total of 3 questions required for Chapter 1.
AuTFL-1.2.1	К1	1	1	K1 = 2
AuTFL-1.3.1				K2 = 1 K3 = 0
AuTFL-1.4.1				K3 = 0 Number of points for this chapter = 3
AuTFL-1.1.1	K2	1	1	Number of points for this chapter = 3
Chapter 2.1				
Keywords				
AuTFL-2.1.1.1	K1	1	1	There is a total of 7 questions required for Chapter
AuTFL-2.1.2.1				2.1.
AuTFL-2.1.2.4				K1=2
AuTFL-2.1.1.3 AuTFL-2.1.2.2	K2	1	1	K2 = 4
AuTFL-2.1.2.2 AuTFL-2.1.2.3	K2 K2	1	1	K3 = 1
AuTFL-2.1.2.6	K2	1	1	Number of points for this chapter = 7
AuTFL-2.1.2.5	K3	1	1	-
Chapter 2.2	105	Ŧ	1	
Keywords				
AuTFL-2.2.1.2				There is a total of 7 questions required for Chapter
AuTFL-2.2.3.2	К1	1	1	2.2.
AuTFL-2.2.4.1				K1 = 3
AuTFL-2.2.1.1	К2	1	1	K2 = 3
AuTFL-2.2.2.1	К2	1	1	K3 = 1
AuTFL-2.2.4.2	K2	1	1	Number of points for this chapter = 7
AuTFL-2.2.5	К3	1	1	
Chapter 2.3				
Keywords				There is a total of 2 questions required for Chapter
Reywords				2.3.
AuTFL-2.3.1	К1	1	1	K1 = 2
7.011 2.3.1		-	-	K2 = 0
AuTFL-2.3.3				K3 = 0
				Number of points for this chapter = 2
Chapter 2.4				
Keywords				There is a total of 2 questions required for Chapter
	K1	1	1	2.4.
AuTFL-2.4.1				K1 = 1
				K2 = 1 K3 = 0
AuTFL-2.4.2	К2	1	1	K3 = 0 Number of points for this chapter = 2
Chapter 3.1				
Keywords				There is a total of 3 questions required for Chapter
AuTFL-3.1.1				3.1.
	K1	1	1	K1 = 2
AuTFL-3.1.2				K2 = 1
AuTFL-3.1.4				K3 = 0
AUTFL-3.1.3	K2	1	1	Number of points for this chapter = 3
Chapter 3.2				
Keywords				
AuTFL-3.2.1.1				
AuTFL-3.2.2.1	К1	1	1	There is a total of 9 questions required for Chapter
AuTFL-3.2.2.2				3.2. K1 = 5
AuTFL-3.2.3.1				K1 = 5 K2 = 3
AuTFL-3.2.4.3 AuTFL-3.2.1.2	К2	1	1	K2 = 3 K3 = 1
AuTFL-3.2.1.2 AuTFL-3.2.3.2	K2 K2	1	1	Number of points for this chapter = 9
AuTFL-3.2.3.2 AuTFL-3.2.4.1	K2	1	1	
AuTFL-3.2.4.1 AuTFL-3.2.4.2	K3	1	1	-
Chapter 4.1	113	•	-	
				There is a total of 3 questions required for Chapter
Keywords	К1	1	1	4.1.
				K1 = 1
AuTFL-4.1.1	К2	1	1	K2 = 1
				K3 = 1
AuTFL-4.1.2	К3	1	1	Number of points for this chapter = 3
Chapter 4.2				
Keywords	К1	1	1	There is a total of 4 questions required for Chapter
AuTFL_4.2.4	K1	1	1	4.2.
AuTFL-4.2.2	К2	1	1	K1 = 1
AuTFL-4.2.3				K2 = 1
AuTFL-4.2.5	К3	1	1	K3 = 2
AuTFL-4.2.1	К3	1	1	Number of points for this chapter = 4
TOTALT 60 minutos f	or 40 questions			

Question	K-Level	Number of Questions per LO		
Distribution	R Level	(group)*	Question	
Chapter 1				
UTFL-1.1.1	K2	1	1	
UTFL-1.1.2	K2	1	1	There is a total of 8 questions required for Chapter 1.
UTFL-1.2.1	K2	1	1	K1 = 0
UTFL-1.2.2	K2	1	1	К2 = 8
UTFL-1.2.3	K2	1	1	КЗ = 0
UTFL-1.3.1	K2	1	1	K4 = 0
UTFL-1.3.2	K2	1	1	Number of points for this chapter = 8
UTFL-1.3.3	K2	1	1	
Chapter 2				
UTFL-2.2.1	К2	1	1	There is a total of 2 questions required for Chapter 2. $\label{eq:K1} \begin{array}{c} K1 = 0 \\ K2 = 1 \end{array}$
UTFL-2.2.2	К4	1	1	K3 = 0 K4 = 1 Number of points for this chapter = 2
Chapter 3				
UTFL-3.1.1	К2	1	1	There is a total of 3 questions required for Chapter 3. $K1 = 0$
UTFL-3.2.1	К2	1	1	K2 = 3 K3 = 0
UTFL-3.2.2	К2	1	1	K4 = 0 Number of points for this chapter = 3
Chapter 4				
UTFL-4.1.1	К2	1	1	There is a total of 3 questions required for Chapter 4. K1 = 0
UTFL-4.2.1	К2	1	1	K2 = 2 K3 = 0
UTFL-4.2.2	К4	1	1	K4 = 1 Number of points for this chapter = 3
Chapter 5				
UTFL-5.2.1	К2	1	1	
UTFL-5.3.1	K2	1	1	
UTFL-5.3.2	K2	1	1	
UTFL-5.3.3	K2	1	1	There is a total of 13 questions required for Chapter
UTFL-5.3.4	K2	1	1	5.
UTFL-5.3.5	K2	1	1	K1 = 0
UTFL-5.4.1	K2	1	1	K2 = 11
UTFL-5.5.1			_	
UTFL-5.5.2	K2	1	1	K3 = 2
UTFL-5.6.1	К3	1	1	K4 = 0
UTFL-5.6.2	K2	1	1	Number of points for this chapter = 13
			1	
UTFL-5.6.3	K3	1		
UTFL-5.7.1	K2	1	1	
UTFL-5.8.1	K2	1	1	
Chapter 6				
UTFL-6.2.1	К2	1	1	There is a total of 2 questions required for Chapter 6. K1 = 0 K2 = 2
UTFL-6.3.1	К2	1	1	K3 = 0 K4 = 0 Number of points for this chapter = 2
Chapter 7				
UTFL-7.1.1	К4	1	1	There is a total of 1 questions required for Chapter 7. K1 = 0 K2 = 0 K3 = 0 K4 = 1 Number of points for this chapter = 1
Chapter 8				
UTFL-8.1.1	К2	1	1	There is a total of 2 questions required for Chapter 8. K1 = 0 K2 = 2 K2 = 2
UTFL-8.2.1	К2	1	1	K3 = 0 K4 = 0 Number of points for this chapter = 2
Konnerda				
Keywords				
Keywords	К1	6	1	There is a total of 6 questions required for Keywords. K1 = 6 Number of points for Keywords = 6
TOTALT 60 minutes f	for 40 questions			

K-Level	Number of Questions	Question Timing in minutes	Total Time by K-Level (Approximate)
K1	4	1	4
К2	26	1	26
КЗ	10	3	30
K4	0	4	0
TOTALS	40		60

Question Distribution	K-Level	Number of Questions per LO (group)*	Suggested Points per Question	
Chapter 1				
AcT-1.1.1	K1	1	1	There is a total of 6 questions required for Chapter 1.
AcT-1.1.2	K2	1	1	K1 = 1
AcT-1.1.3	К2	1	1	K2 = 5
AcT-1.2.1	К2	1	1	K3 = 0
AcT-1.2.2	K1	1	1	Number of points for this chapter = 6
AcT-1.2.3	К2	1	1	
Chapter 2				
AcT-2.1.1	КЗ	2	1	There is a total of 10 questions required for Chapter
AcT-2.2.1	К2	2	1	2.
AcT-2.2.2	К3	2	1	K1 = 0
AcT-2.3.1	К2	2	1	K2 = 6
AcT-2.3.2	К2	2	1	K3 = 4 Number of points for this chapter = 10
Chapter 3				
AcT-3.1.1	КЗ	2	1	There is a total of 8 questions required for Chapter 3.
AcT-3.2.1	КЗ	2	1	K1 = 0 K2 = 4
AcT-3.3.1	К2	2	1	K3 = 4
AcT-3.3.1	К2	2	1	Number of points for this chapter = 8
Chapter 4				
AcT-4.1.1	К2	1	1	
AcT-4.1.2	K1	1	1	There is a total of 8 questions required for Chapter 4.
AcT-4.2.1	К2	2	1	K1 = 1
AcT-4.2.2	К2	1	1	K2 = 7
AcT-4.3.1	К2	1	1	КЗ = 0
AcT-4.3.2	К2	1	1	Number of points for this chapter = 8
AcT-4.4.1	К2	1	1	
Chapter 5				
AcT-5.1.1	КЗ	2	1	There is a total of 8 questions required for Chapter 5.
AcT-5.2.1	К2	2	1	K1 = 1
AcT-5.2.2	К2	1	1	К2 = 5
AcT-5.2.3	К2	2	1	K3 = 2
AcT-5.3.1	К1	1	1	Number of points for this chapter = 8
TOTALT 60 minutes for	or 40 questions			

K-Level	Number of Questions	Question Timing in minutes	Total Time by K-Level (Approximate)
K1	5	1	5
К2	35	1,5	52,5
К3	0	3	0
К4	0	4	0
TOTALS	40		57,5

* If there are more questions to distribute between
LOs in a group of LOs then at least ONE question
MUST BE BASED ON each LO
If there are less questions to distribute between LOs
in a group of LOs then each question MUST COVER a
different LO

Question		Number of Questions per LO	Suggested Points per	
Distribution	K-Level	(group)*	Question	
Chapter 1				
LO-1.1.1				
LO-1.2.1	К1	4	1	
LO-1.6.2			-	
LO-1.6.3				
LO-1.1.2				
LO-1.3.1				
LO-1.3.2				
LO-1.3.3				
LO-1.3.4				
LO-1.4.1		_	_	
LO-1.4.2	К2	7	1	
LO-1.4.3				
LO-1.4.4				
LO-1.4.5				
LO-1.5.1				
LO-1.5.2				
LO-1.6.1				
Chapter 2				
LO-2.1.1				There is a total of 4 questions required for Chapter 2.
LO-2.1.2 LO-2.2.1				K1 = 0
	К2	4	1	K2 = 4
LO-2.2.2				КЗ = 0
LO-2.2.3				Number of points for this chapter = 4
LO-2.2.4 Chapter 3				
LO-3.1.1				
LO-3.1.2				
LO-3.1.3				
LO-3.2.1				
LO-3.3.1				
LO-3.3.2				
LO-3.3.3				
LO-3.3.4				
LO-3.4.1				
LO-3.4.2				
LO-3.4.3				
LO-3.5.1				
LO-3.5.2				There is a total of 24 questions required for Chapter
LO-3.5.3				3.
LO-3.5.4	К2	24	1	K1 = 0
LO-3.6.1				K2 = 24
LO-3.6.2				K3 = 0
LO-3.6.3				Number of points for this chapter = 24
LO-3.6.4				
LO-3.6.5				
LO-3.6.6				
LO-3.6.7				
LO-3.7.1				
LO-3.8.1				
LO-3.9.1				
LO-3.9.2				
LO-3.10.1				
LO-3.10.2				
LO-3.10.3				
TOTALT 60 minutes for	or 39 questions	5		

K-Level	Number of Questions	Question Timing in minutes	Total Time by K-Level (Approximate)
K1	11	1	11
К2	23	1	23
КЗ	6	3	18
К4	0	4	0
TOTALS	40		52

Question Distribution	K-Level	Number of Questions per LO (group)*	Suggested Points per Question	
Chapter 1				
MAT-1.3.1	К1	1	1	
MAT-1.1.1				
MAT-1.2.1				There is a total of 8 questions required for Chapter 1.
MAT-1.4.1	1/2			K1 = 1
MAT-1.5.1	K2	6	1	K2 = 6
MAT-1.7.1				K3 = 1
MAT-1.8.1				Number of points for this chapter = 8
MAT-1.6.1	К3	1	1	
Chapter 2				
MAT-2.1.4				
MAT-2.1.5	144		4	
MAT-2.2.5	K1	4	1	
MAT-2.2.6				
MAT-2.1.1				
MAT-2.1.3				There is a total of 13 questions required for Chapter
MAT-2.1.6	K2	C C	4	2.
MAT-2.2.2	K2	6	1	K1 = 4
MAT-2.2.4				K2 = 6
MAT-2.3.1				K3 = 3
MAT-2.1.2				Number of points for this chapter = 13
MAT-2.1.7				
MAT-2.1.8	1/2	2		
MAT-2.1.9	К3	3	1	
MAT-2.2.1				
MAT-2.2.3				
Chapter 3				
MAT-3.1.4				
MAT-3.1.6	K1	3	1	
MAT-3.3.1				
MAT-3.1.3				
MAT-3.1.7				
MAT-3.1.8				There is a total of 11 questions required for Chapter
MAT-3.2.1				3.
MAT-3.2.2	K2	6	1	K1 = 3
MAT-3.3.2				K2 = 6
MAT-3.4.1				КЗ = 2
MAT-3.4.2				Number of points for this chapter = 11
MAT-3.1.1				
MAT-3.1.2				
MAT-3.1.5	К3	2	1	
MAT-3.3.3				
Chapter 4	· · · · · · · · · · · · · · · · · · ·			
MAT-4.1.1		_		There is a total of 4 questions required for Chapter 4.
MAT-4.2.1	K1	2	1	K1 = 2
MAT-4.2.1 MAT-4.3.1				K1 = 2 K2 = 2
	1/2	2		K2 = 2 K3 = 0
MAT-4.3.2	K2	2	1	K3 = 0 Number of points for this chapter = 4
MAT-4.4.1				
Chapter 5				
MAT-5.3.1	K1	1	1	There is a total of 4 questions required for Chapter 5.
MAT-5.1.1	K2	3	1	K1 = 1
MAT-5.2.1				K2 = 3 K3 = 0
MAT-5.4.1				Number of points for this chapter = 4
TOTALT 60 minutes f	or 40 questions			

K-Level	Number of Questions	Question Timing in minutes	Total Time by K-Level (Approximate)
K1	0	1	0
K2	0	2	0
КЗ	0	3	0
К4	0	4	0
TOTALS	0		0

Question Distribution	K-Level	Number of Questions per LO (group)*	Suggested Points per Question	
Chapter 1				
PTFL-1.1	К2	1	1	There is a total of 6 questions required for Chapter 1.
PTFL-1.2	К2	2	1	K1 = 1
PTFL-1.3	К1	1	1	K2 = 5 K3 = 0
PTFL-1.4	К2	1	1	K3 = 0 K4 = 0
PTFL-1.5	K2	1	1	Number of points for this chapter = 6
Chapter 2				
PTFL-2.1	К2	1	1	There is a total of 4 questions required for Chapter 2. K1 = 1
PTFL-2.2	К2	1	1	K1 - 1 K2 = 3
PTFL-2.3	К2	1	1	КЗ = 0
				K4 = 0
PTFL-2.4	K1	1	1	Number of points for this chapter = 4
Chapter 3				
PTFL-3.1	К2	2	1	There is a total of 7 questions required for Chapter 3.
PTFL-3.2	К2	3	1	К1 = 0
1112 3.2	KZ	5	1	K2 = 5 K3 = 0
PTFL-3.3	К4	1	1	K3 = 0 K4 = 2
PTFL-3.4	К4	1	1	Number of points for this chapter = 7
Chapter 4				
PTFL-4.1.1	К4	1	1	
PTFL-4.1.2	К4	1	1	
PTFL-4.1.3	К3	2	1	
PTFL-4.2.1	К2	2	1	There is a total of 20 questions required for Chapter
PTFL-4.2.2	К2	2	1	4.
PTFL-4.2.3	K4	1	1	K1 = 0
PTFL-4.2.4	K4	1	1	K2 = 10
PTFL-4.2.5	K4	1	1	K3 = 4
PTFL-4.2.6	К2	2	1	K4 = 6
PTFL-4.2.7	КЗ	2	1	Number of points for this chapter = 20
PTFL-4.2.8	K2	2	1	
PTFL-4.3.1	K2	2	1	
PTFL-4.4.1	К4	1	1	
Chapter 5				
				There is a total of 3 questions required for Chapter 5.
PTFL-5.1.1	К2	2	1	K1 = 0
-				K1 = 0 K2 = 2
PTFL-5.2.1	К4	1	1	K2 = 2 K3 = 0
P IFL-3.2.1	Ν4	Ĺ	T	K3 = 0 K4 = 1
				Number of points for this chapter = 3
TOTALT 60 minutes f	or 40 questions			

CT-TAE

K-Level	Number of Questions	Question Timing in minutes	Total Time by K-Level (Approximate)
K1	0	1	0
К2	17	1	17
К3	11	3	33
К4	12	4	48
TOTALS	40		98

Question Distribution	K-Level	Number of Questions per LO (group)*	Suggested Points per Question	
Chapter 1				
AL-TAE-1.1.1	К2	1	1	There is a total of 2 questions required for Chapter 1. K2 = 2 K3 = 0
AL-TAE-1.2.1	К2	1	1	K4 = 0 Number of points for this chapter = 2
Chapter 2				
AL-TAE-2.1.1	K4	2	3	There is a total of 5 questions required for Chapter 2. K2 = 2
AL-TAE-2.2.1	К4	1	3	K3 = 0 K4 = 3
AL-TAE-2.3.1	К2	2	1	Number of points for this chapter = 11
Chapter 3				
AL-TAE-3.1.1	К2	1	1	There is a total of 10 questions required for Chapter
AL-TAE-3.2.1	К4	1	3	3.
AL-TAE-3.2.2	К2	1	1	K2 = 5
AL-TAE-3.2.3	К2	2	1	K3 = 2
AL-TAE-3.2.4	К4	2	3	K4 = 3
AL-TAE-3.3.1	К3	2	2	Number of points for this chapter = 18
AL-TAE-3.3.2	K2	1	1	········
Chapter 4				
AL-TAE-4.1.1	К3	2	2	There is a total of 4 questions required for Chapter 4. K2 = 1
AL-TAE-4.2.1	К4	2	3	K3 = 2 K4 = 2
AL-TAE-4.3.1	К2	1	1	Number of points for this chapter = 11
Chapter 5				
AL-TAE-5.1.1	K2	2	1	There is a total of 6 questions required for Chapter 5.
AL-TAE-5.2.1	К3	2	2	K2 = 3 K3 = 2
AL-TAE-5.3.1	K4	1	3	K4 = 1
AL-TAE-5.4.1	К2	1	1	Number of points for this chapter = 10
Chapter 6				
AL-TAE-6.1.1	К3	1	2	There is a total of 5 questions required for Chapter 6.
AL-TAE-6.1.2	К2	1	1	K2 = 4
AL-TAE-6.2.1	К2	1	1	КЗ = 1
AL-TAE-6.3.1	К2	1	1	К4 = 0
AL-TAE-6.4.1	K2	1	1	Number of points for this chapter = 6
Chapter 7	NZ	-	1	
AL-TAE-7.1.1	К3	2	2	There is a total of 4 questions required for Chapter 7. K2 = 0 K3 = 4
AL-TAE-7.2.1	К3	2	2	K4 = 0 Number of points for this chapter = 8
Chapter 8				
AL-TAE-8.1.1	К4	2	3	There is a total of 3 questions required for Chapter 9. K2 = 0 K3 = 0
AL-TAE-8.2.1	K4	1	3	K4 = 3 Number of points for this chapter = 9
TOTALT 90 minutes f	or 40 questions			

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K-Level	Number of Questions	Question Timing in minutes	Total Time by K-Level (Approximate)
K1	0	1	0
К2	20	1	20
К3	15	3	45
К4	10	4	40
TOTALS	45		105

Question		Number of Questions per LO	Suggested Points per	
Distribution	K-Level	(group)*	Question	
Chapter 1 AS-1.1.1				
AS-1.1.1 AS-1.3.1	K2	1	1	There is a total of 4 questions required for Chapter 1.
AS-1.1.2	К4	1	3	K2 = 2 K3 = 0
AS-1.1.3	K2	1	1	K4 = 2
AS-1.2.1 AS-1.2.2	K2 K4	1	3	Number of points for this chapter = 8
Chapter 2				
AS-2.2.1	К2	1	1	
AS-2.3.1 AS-2.4.1				
AS-2.4.3	K2	1	1	There is a total of 6 questions required for Chapter 2. K2 = 2 K3 = 3
AS-2.4.2	K3 K3	1	2	
AS-2.5.1 AS-2.6.1	K3	1	2	K4 = 1
AS-2.6.2	К4	1	3	Number of points for this chapter = 11
AS-2.7.1 AS-2.6.3	К3	1	2	
Chapter 3	KS	1	L	
AS-3.1.1	К3	1	2	
AS-3.2.1 AS-3.3.1	K4	1	3	There is a total of 6 questions required for Chapter 3.
AS=3.3.1 AS=3.3.2	К3	1	2	K2 = 2
AS-3.4.1	К2	1	1	K3 = 2 K4 = 2
AS-3.6.1 AS-3.4.2	K2	1	1	Number of points for this chapter = 12
AS-3.4.2 AS-3.5.1	K2 K4	1	3	
Chapter 4				
AS-4.1.1	K2	1	1	
AS-4.1.2 AS-4.2.1	К3	1	2	
AS-4.3.1	K4	1	3	There is a total of 8 questions required for Chapter 4.
AS-4.4.1	К2	1	1	K2 = 2
AS-4.4.4 AS-4.4.2				K3 = 4
AS-4.4.5	К3	1	2	K4 = 2 Number of points for this chapter = 16
AS-4.4.3 AS-4.5.1	K4	1	3	······
AS-4.5.1 AS-4.6.1	К3	1	2	
AS-4.5.2	К3	1	2	
Chapter 5				
AS-5.1.1 AS-5.2.1				
AS-5.3.1				
AS-5.4.1 AS-5.5.1	К2	4	1	
AS-5.5.1 AS-5.6.1				
AS-5.7.1				There is a total of 8 questions required for Chapter 5. K2 = 4
AS-5.8.1				K3 = 4
AS-5.1.2 AS-5.2.2				K4 = 0
AS-5.3.2				Number of points for this chapter = 12
AS-5.4.2	К3	4	2	
AS 5.5.2 AS - 5.6.2				
AS-5.7.2				
AS-5.8.2				
Chapter 6 AS-6.1.1	К2	1	1	
AS-6.3.1				There is a total of 5 questions required for Chapter 6.
AS-6.1.2 AS-6.1.3	К3	1	2	K2 = 2 K3 = 2
AS-6.2.1	К2	1	1	K4 = 1
AS-6.1.4	K4	1	3	Number of points for this chapter = 9
AS – 6.3.2 Chapter 7	K3	1	2	
AS-7.1.1	К2	1	1	There is a total of 3 questions required for Chapter 7.
AS-7.2.1				K2 = 2
AS-7.2.2	К2	1	1	K3 = 0
8	К4	1	3	K4 = 1 Number of points for this chapter = 5
AS – 7.2.3 Chapter 8	٨4	1	3	
AS-8.1.1	К2	1	1	There is a total of 3 questions required for Charter 9
AS-8.2.1	K2	1	3	There is a total of 3 questions required for Chapter 8. K2 = 2
8	π4	1	3	K3 = 0
AS-8.2.2	К2	1	1	K4 = 1 Number of points for this chapter = 5
AS-8.2.3				
Chapter 9 AS – 9.1.1				
	К2	1	1	There is a total of 2 questions required for Chapter 9. K2 = 2
AS-9.3.1				K3 = 0
AS-9.1.2	К2	1	1	K4 = 0
AS-9.2.1				Number of points for this chapter = 2
TOTALT 120 minutes	for 45 questions			

Question Distribution	K-Level	Number of Questions per LO	Suggested Points per Quest	ion
Chapter 1				
AI-1.4.1	К1	1	1	
AI-1.5.1	K1	1	1	
AI-1.1.1				There is a total of 4 questions required for Chapter 1.
AI-1.2.1				K1 = 1
AI-1.3.1				K2 = 3
AI-1.6.1	К2	3	1	K3 = 0
AI-1.7.1				K4 = 0
AI-1.8.1				Number of points for this chapter = 4
AI-1.9.1				
Chapter 2				
AI-2.8.1	К1	1	1	There is a total of 4 superior and in the Charter 2
AI-2.1.1				There is a total of 4 questions required for Chapter 2. K1 = 1
AI-2.2.1 AI-2.3.1				K1 - 1 K2 = 3
AI-2.3.1 AI-2.4.1	К2	3	1	K2 = 5 K3 = 0
AI-2.5.1	K2	5	-	K3 = 0 K4 = 0
AI-2.6.1				Number of points for this chapter = 4
AI-2.7.1				
Chapter 3				
AI-3.1.1				
AI-3.1.2				There is a total of 4 questions required for Chapter 3.
AI-3.1.3		2		K1 = 0
AI-3.2.1	К2	3	1	K2 = 3 K3 = 1
AI-3.4.1				
AI-3.5.1				K4 = 0 Number of points for this chapter = 5
AI-3.3.1	К3	1	2	Number or points for this thapter = 5
Chapter 4				
AI-4.5.1	К1	1	1	There is a total of 4 questions required for Chapter 4.
AI-4.5.2	ΚI	1	1	K1 = 1
AI-4.1.1	К2			K1 = 1 K2 = 3
AI-4.2.1	K2			K2 = 3 K3 = 0
		3	1	K3 = 0 K4 = 0
AI-4.3.1	K2			Number of points for this chapter = 4
AI-4.4.1	К2			
Chapter 5				
AI-5.2.1				There is a total of 3 questions required for Chapter 5.
AI-5.3.1	К2	1	1	K1 = 0
		-	-	K2 = 1
AI-5.5.1				K3 = 1
AI-5.1.1	К3	1	2	K4 = 1
				Number of points for this chapter = 5
AI-5.4.1	K4	1	2	
Chapter 6				
				There is a total of 2 questions required for Chapter 6.
AI-6.1.1				K1 = 0
		2		K2 = 2
	К2	2	1	K3 = 0
AI-6.2.1				K4 = 0
				Number of points for this chapter = 2
Chapter 7				
AI-7.3.1	К1	1	1	
AI-7.1.1		-	-	There is a total of 4 questions required for Chapter 7.
AI-7.2.1				K1 = 1
AI-7.4.1	К2	2	1	K2 = 2
AI-7.5.1				K3 = 0 K4 = 1
AI-7.6.1				Number of points for this chapter = 5
AI-7.7.1	К4	1	2	Number of points for this chapter – 5
Chapter 8				
AI-8.1.1				
AI-8.2.1				There is a total of 4 questions required for Chapter 8.
AI-8.3.1				K1 = 0
AI-8.4.1	К2	3	1	K2 = 3
AI-8.5.1				K3 = 0
AI-8.6.1				K4 = 1 Number of points for this chapter = 5
AI-8.7.1	1/4	4	2	Number of points for this chapter = 5
Al-8.8.1	K4	1	2	
Chapter 9				
AI-9.1.1 AI-9.2.1				There is a total of 6 questions required for Chapter 9.
AI-9.2.1 AI-9.3.1	К2	4	1	K1 = 0
AI-9.3.1 AI-9.4.1	112		÷	K2 = 4
AI-9.4.1 AI-9.6.1				K3 = 1
AI-9.5.1 AI-9.5.1	К3	1	2	K4 = 1
AI-9.3.1 AI-9.7.1	K5 K4	1	2	Number of points for this chapter = 8
Chapter 10	117	· ·	£	
chapter 10				
AI-10.1.1				There is a total of 1 question required for Chapter 10.
AF10.1.1				K1 = 0
	К2	1	1	K2 = 1
				K3 = 0
AI-10.2.1				K4 = 0
I				Number of points for this chapter = 1
Chapter 11				
AI-11.1.1				There is a total of 4 questions required for Chapter
AI-11.2.1				11.
Al-11.2.1 Al-11.3.1				K1 = 0
	К2	4	1	К2 = 4
AI-11.4.1				K3 = 0
AI-11.5.1				K4 = 0
AI-11.6.1				Number of points for this chapter = 4
TOTALT 60 minutes f	for 40 q <u>uestions</u>			

K-Level	Number of Question s	Question Timing in minutes	Total Time by K-Level (Approximate)
К1	6	1	6
К2	30	1	30
К3	4	3	12
K4	0	4	0
TOTALS	40		48

Quartier				
Question Distribution	K-Level	Number of Questions per LO (group)*	Suggested Points per Question	
Chapter 1				
GaMe-1.1.1				
GaMe-1.2.1	K1	1	1	There is a total of 4 questions required for Chapter 1.
GaMe-1.3.1				K1 = 1 K2 = 3
GaMe-1.1.2				
GaMe-1.1.3	К2	3	1	K3 = 0 K4 = 0
GaMe-1.1.4	κz	3	1	Number of points for this chapter = 4
GaMe-1.1.5				
Chapter 2				
GaMe-2.1.1				
GaMe-2.1.2				There is a total of 6 questions required for Chapter 2.
GaMe-2.1.3				K1 = 0
GaMe-2.1.4 GaMe-2.1.5	К2	5	1	K2 = 5
Galvie-2.1.5 GaMe-2.2.1				K3 = 1
GaMe-2.2.1 GaMe-2.2.2				K4 = 0
GaMe-2.2.3				Number of points for this chapter = 6
GaMe-2.2.4	К3	1	1	
Chapter 3		<u>. </u>	~	
GaMe-3.1.1				
GaMe-3.1.2				There is a total of 7 questions required for Chapter 3.
GaMe-3.2.1				K1 = 0
GaMe-3.2.2	К2	6	1	К2 = 6
GaMe-3.2.3				K3 = 1
GaMe-3.3.2				K4 = 0
GaMe-3.4.1				Number of points for this chapter = 7
GaMe-3.3.1	K3	1	1	
Chapter 4				
GaMe-4.1.1				
GaMe-4.2.1	K1	1	1	
GaMe-4.4.2				There is a total of 8 questions required for Chapter 4.
GaMe-4.4.3 GaMe-4.2.2				K1 = 1
GaMe-4.2.2				K2 = 6
GaMe-4.3.2				K3 = 1
GaMe-4.3.3	К2	6	1	K4 = 0
GaMe-4.4.1				Number of points for this chapter = 8
GaMe-4.5.1				
GaMe-4.4.4	К3	1	1	
Chapter 5				
GaMe-5.1.1	K1	1	1	There is a total of 5 questions required for Chapter 5.
GaMe-5.1.2				K1 = 1
GaMe-5.2.1	К2	4	1	K2 = 4
GaMe-5.2.2				K3 = 0
GaMe-5.3.1				K4 = 0
Chapter 6	K1	4	1	
GaMe-6.1.3 GaMe-6.1.1	К1	1	1	There is a total of 5 questions required for Chapter 6.
GaMe-6.1.1				K1 = 1
GaMe-6.1.2				K2 = 4
GaMe-6.2.1	К2	4	1	K3 = 0
GaMe-6.2.2				K4 = 0
GaMe-6.3.1				Number of points for this chapter = 5
Chapter 7				
GaMe-7.1.1				
GaMe-7.1.2	К1	2	1	There is a total of 5 questions required for Chapter 7.
GaMe-7.3.1				K1 = 2
GaMe-7.1.3				K2 = 2
GaMe-7.2.1	К2	2	1	K3 = 1
GaMe-7.3.3		_	_	K4 = 0
GaMe-7.4.1			_	Number of points for this chapter =5
GaMe-7.3.2	K3	1	1	
TOTALT 60 mir	nutes for 40	questions		