## Questions of the program for the second midterm control

**Course:** Information and communication technology

Course code: ICT 1105

EP:

6B10115 Medicine.

6B10116 Pediatrics

6B10117 Stomatology

6B10104 Nursing

6B10111 Public health

6B10106 Pharmacy

6B07201 Pharmaceutical manufacturing technology

6B10118 Medical and preventive care

Number of academic hours/credits: 90/3

Year/Term: 1/1,2

Implementators ass.professor PhD Ivanova Marina Borisovna

PhD. Berdiyeva Meruyert Aimambetovna

Head of department: PhD, acting ass.prof. Ivanova M.B.

Departmental discussion on «28 » 05 2025

Record of meeting № 124

## Questions of the program for the second midterm control

- 1. Means for processing demonstration information. Introduction to MS PowerPoint.
- MS PowerPoint: main functions and capability program for creating report, article, etc.
- 3. MS PowerPoint: creating, editing presentation.
- 4. Design and creation of the presentations of lecture material, scientific reports, etc.
- 5. Creating of presentations, entering text on a slide.
- 6. Adding of pictures and clip art, adding of hyperlinks, animations and sound effects
- 7. Internet technology. E-mail.
- 8. History of the Internet development.
- 9. Basic Internet concepts.
- 10. Operating with mails: attach files, send and receive emails.
- 11.Cloud technology.
- 12. Essence of cloud technology.
- 13. History of cloud services.
- 14. Main definitions and models of cloud computing.
- 15. General properties of Cloud Computing.
- 16. Mobile technology.
- 17. Overview mobile technologies.
- 18. Brief history of mobile technologies development.
- 19. Mobile operating systems.
- 20. Software for mobile devices.
- 21. Problems and perspectives of mobile technologies.
- 22. Social aspects of mobile technologies.
- 23. Threats to information security and their classifications.
- 24.Industry of cybersecuruty.
- 25. Security risks of information and their classification.
- 26. Standards and specifications in information security field.
- 27. Measures and means of information protection.
- 28. Antivirus software. Archiving utility.
- 29. Malware and there classification.
- 30.Methods of prevention and protection against computer viruses.
- 31. Archiving utilities and there classification.
- 32.E-services.
- 33.E-technology.
- 34.E-business: basic models of e-business.
- 35.E-training: architecture, structure and platform.
- 36.E-government. E-signature.
- 37. Multimedia technology.
- 38. The basic concepts of multimedia.
- 39. Multimedia capabilities.
- 40. Media terminology.

- 41. Classification of multimedia.
- 42. Use of multimedia technologies in medicine.
- 43. Properties for SMART technology.
- 44. The concept of "intelligent" city.
- 45. Artificial intelligence.
- 46. Green technology ICT.
- 47. Teleconferences.
- 48. Telemedicine.
- 49. Information technology in the professional sphere (medicine, healthcare)
- 50. Software for solving problems of specialized professional sphere.
- 51. Modern IT trends in the professional sphere.
- 52. Security in industrial information and communication technology.
- 53.Introduction to STATISTICA10.
- 54.Installation and use of application programs in the professional sphere.
- 55. Processing of numerical information, creating, and editing formulas STATISTICA10.
- 56. Setting documents appearance and working with charts in STATISTICA10.
- 57. Working with charts for presentation medical information in STATISTICA10.
- 58.Development prospects in the IT sectors in the market: the development of free software.
- 59. The formation of the IT ecosystem entrepreneurship and support for small startups.
- 60. Prospects for the development of E-technologies.
- 61.Basic concepts of AI.
- 62. Studying different AI tools and platforms.
- 63. Practical use of various tools and platforms for working with AI.
- 64. Introduction to Large Language Models (LLM).
- 65. Using LLMs for text generation and summarization.
- 66. Comparing the functionality and effectiveness of various artificial intelligence tools and platforms.
- 67. Fundamentals of AI research. History and development of AI.
- 68. Ethical Considerations in AI Knowledge representation models
- 69. Studying recent articles and publications on the latest achievements in artificial intelligence.
- 70.Large Language Introduction to AI tools. Generative AI tools. Studying recent articles and publications on the latest achievements in artificial intelligence.

Department of "Medical Biophysics and Information Technology" 35-11-2025 Questions of the program for the second midtern control  9-4 out of 4	ONTÚSTIK-OAZAOSTAN MEDISINA MEDISINA MEDICAL MEDICAL MEDICAL ACADEMY ACADEMY ACAMEMAS ACAMEM		
	Department of "Medical Biophysics and Information Technology"	35-11-2025	
	Questions of the program for the second midtern control	27. 1. BO 27.	
	13. 690 11/4 1 2 1/4 11 25 901 1/4 1 22 1/4 12 5 901 1/4	SK, Mo Jien 911.	
	, " s. 60, " , K" , s. 40, " s. 60," , K" , s. 40, " s. 60," )	KI SE KUNDING	
ilk i skina edulik i Skina edulik i skina edulik i		1. 1. 2. Hurs.	
ilk i skina edulik i Skina edulik i skina edulik i	36, Wg. 50, Mr. 1 36, Wg. 50, Mr. 15 34, Wg. 6	30 111/11 3 CKU, WS	
edukk 15° skrivas edukuk 12° skrivas eduk 12° skrivas edu	of skilling yier gar, to skilling yier yar, to skilling.	ECHILLY SKI	
edukk 15° skrivas edukuk 12° skrivas eduk 12° skrivas edu	"it I so the significant shows so give the show	3, 60, M. KT 34	
egring squirt in sking square squirt in second in the sking square squirt in second square sq		Wo Jier Mr. KT	
the sking of equity a sking of sking of equity and ski	60, 11 K, 1 2 K, 13 . 60, 11 K, 1 2 Kur 3 . 60, 11 L 2	Thursies 911. Kr	
the sking of equity a sking of sking of equity and ski	" 60, 17 1 2 41, 49. 600, 17 1, 18 46, 49. 690, 17 14, 1	2, Kulovsie syn. 1	
the sking of equity a sking of sking of equity and ski	42, 60, 47, 47, 34, 43, 60, 47, 47, 34, 43, 600, 17, 4	1 2. ch. vs. 690	
the sking of equity a sking of sking of equity and ski	, " Way " 60 411, 15 2/2, Way 60 411. LY , 3/2, Way 60, 41		
K Skulage egg 17 K 3 skul		M. 1 34 Wg.	
KY 2 SKIL W3. SQLYNYK T 2 SKIL W3. SQLYNYK T 2 SKUL W3. SQLYNYK T SK	2, 10, 30 V, Kr 2, 10, 20 Y), Kr 2, 10, K	11.15 St. W.	
	A S. M. S. W. A. S. W. S. W. M. C. S. W.	3.60 M. 1 24.1	
	"I'M S. Sky, Ja. Sgo" I'M 2 S. Ky, J'E Sgo, I'M 2 SK Ky	3.60 911. KJ 34	
	20 11 14 1 2 5 41, 1/3. 600, 11 14, 1 2, 5 41, 1/3. 600, 1/4, 1 2, 1	The sice of his Kr	
	60, 41. 41 , 341, 43. 60, 41. 47 , 341, 43. 601, 11/1 2	Kurasi ogo ik	
	, J'er 411. 1 30 War En 411. 1 36, War En 411. 1	2/11/1/9. 6001/1/	
	Wo Jieg 97. Ky 26, Wo Jieg 47. Ky 26, Was ieg 17.	17 3K, Wg. 600	
	Thue 3's 90, 15 25 the 3's 90. 15 25 the sign	1, KT 2/ Way 6,	
A SANTA SANT	2, 5ky, 49, 890, 11ky 1 2, 5ky, 43, 6, 90, 11ky 1 2k 7ky, 35, 60	Mr. KJ SK, Was	
	7 2 41, 49. 60, 11 14, 1 2, 41, 49. 69, 114, 1 2, 41, 49.	Syn. Kr 2 SKW	
	· 1 2 2 4 1 4 5 60 11 1 1 1 2 41 1 2 60 11 1 1 2 41 1	9. 690 1.Kr 1 51 K	
	40. 15 35 Was 60, 40. 15 36, Was 60, 40. 15 34,	V3. 601/1/4/1 2.	
	, 90. K 26, W. S. SO, 40. K 26, Wg. 60, 10: K 3	KI, Wg. 60, 171, 11	
	9's 90, 15 22 Rus 3's 90. 15 28, 49, 3's 40. 15	St. Wa. 60, 411.6	
	23. 890" 14 1 2, Kur 3. 6 90. 14 2 2 Kur 3. 62 90. 1	1 34 Wo 360 YM	
	7, "5. 60," 14, " 3, The "5 " 90," 14, " 2, The "5 " 911.	Kr 2 2 Rue year	
ina eduluk ka skina eduluk ka	ex, us, eg, 11, 17, ex, us, eg, "14, 12, ex, us, eg,	With Sirky Sign	
Alika skuna eduluka karna eduluka karna eduluka karna eduluka karna eduluka sarna eduluka karna edul	2/ 1/3, 60, 10, 1 3/1, 1/3, 60, 11; 1/1 3/41, 1/3.	Sgr. 14 2 S. Thurs	
a. edu.k. k. sk. ku. a. edu.k.	1 26 War 60 M. 1 26 War 60 M. 1 341 War	60,111 / 1 2 c/LU	
a.edu.kl. se skur a.ee edu.kl. kl. skura.eedu.kl. skura.eedu.kl. skura.eedu.kl. kl. skura.eedu.kl. skura.eedu.kl. skura.eedu.kl. skura.eedu.kl. sk	. To se wo see m. To se we so m. To sto w	19. 60 Mig 15 3	
a.edu.i.k. s.e. kura e edu.i.k. s.e. kura e edu.i.k	90. 15 2 14, 3. 60 90. 15 2k, 140, 3. 60, 40. 15 2k	Wa. 60 M. KT	
a. i. skulgi segni kriti si skulgi segni kriti si skulgi segni kriti sekulgi segni kriti sekulgi segni kriti s Kulgi segni kriti si skulgi segni kriti si skulgi segni kriti segni kriti sekulgi segni kriti sekulgi segni kr	( Sqr. 14, 1 2, Ku, 3 : 291) Kr 2 22 Ku, 3 : 52 911. Kr 3	24, Wo 560 411, M	
kus skus segrin kr r skus segrin segrin kr r skus segrin kr r skus segrin kr r skus segrin kr r skus segrin kr	18. CONTINUES SKUL 28. SQUITH SEVEUR SIGNOTHE	24 KUG J'60 411.	
skugi seganik Ki skugi seganik Ki skugi seganik Ki si skugi seganik Ki si skugi s	Was 60, Mr. V 2 9kl, Was 890, "1k, V 2, Kly Vas 900, "K	1 25 KUM 3:60 91)	
skilling gednik Ki skillig egnin Ki skillig egnin Ki skillig egnin Ki si skillig.	H. Wa. 60, 11, 15 3 341, War 60, 11, 15 2, 344, Var. 690, 1	1.Kr 1 Sickly varie	
2 st, (up 3 so, 47), by st, (up, 50, 17), 17 , st, (up, 60, 17), 18, 18	34, 40, 50, 41. 45, 49, 60, 41.4, 5 341, 43. 60,	111/17 2. Thurst	
THE TAX A STATE OF THE STATE OF	24, Wo 3 6, 411, 15 34, War 60, 411, 15 34, War	60 M. L. V. 5KU, W.	
	), the server of the server of my the start	10. 60 111. 17 S	