


ОҢТҮСТІК-ҚАЗАҚСТАН MEDISINA AKADEMIASY «Оңтүстік Қазақстан медицина академиясы» АҚ		SOUTH KAZAKHSTAN MEDICAL ACADEMY АО «Южно-Казахстанская медицинская академия»
Department of “Medical Biophysics and Information Technology”		044 -35/09 ()
Questions of the program for the first midterm control		p.1 out of 4

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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: 150/5

Year: 1

Term: 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 2023

Record of meeting № 12


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Questions of the program for the first midterm control

1. Safety rules.
2. ICT subject and its purpose.
3. The role in key sectors of development of society.
4. Openness of state bodies.
5. Introduction of new model of Informatization of state authorities
6. ICT in education and science.
7. ICT in industry.
8. Development of E-health.
9. Development of E-commerce.
10. The first generation.
11. The second generation.
12. The third generation.
13. The fourth generation.
14. Motherboard.
15. Processor (CPU).
16. The system bus.
17. Memory.
18. Drives on hard magnetic disks (HDD).
19. Drive CD-ROM.
20. Flash-Memory.
21. Input devices.
22. Output devices.
23. Computer Systems in education
24. Computer Systems in medicine.
25. Computer Systems in administration.
26. Computer Systems in banking.
27. Representation of numbers.
28. Converting of numbers from binary to decimal number systems.
29. Converting of numbers from hexadecimal to binary number system.
30. Converting of numbers from octal to decimal number systems.
31. Representation of characters.
32. Representation of graphics.
33. Representation of sounds.
34. Software. Overview of Modern Software.
35. The structure of the system software.
36. Introduction of Operating systems.
37. Evolution of OS.
38. Classification of OS.
39. Computer files.
40. File directories and folders.

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41. Application software.
42. Desktop application.
43. The field of Human-computer interaction.
44. Human-computer interaction outline.
45. Principles and methodology.
46. Types of user interface.
47. Human-computer interface.
48. Graphic user interface.
49. The database management system.
50. The database management system: definitions and functions, basic architectural solutions.
51. The data model of DB.
52. Overview of database templates and themes.
53. Creating medical database.
54. Using wizard and designer modes to create database.
55. Working with Forms and Reports
56. Using wizard and designer modes to create database form and report.
57. What is data mining?
58. Techniques often used for data mining.
59. Data mining applications as tool for analysis and management.
60. Creating of worksheet. Entering and editing data. Cells formatting. Data sorting.
61. The basic definition of a computer network.
62. An integral part of computer networks.
63. The interaction between the main components of the network.
64. Types of networks.
65. Basic topology.
66. Network cable is the physical transmission medium.
67. Types of cables.
68. Wireless computer networks
69. Protocols for connecting over networks.
70. IP addressing

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