**“Beynəlxalq İqtisadiyyat Məktəbi”**

**“İqtisadi İnformatika”**

1. What are the characteristics of the fourth generation computers?
2. What is an excel? Give detailed information. For which purposes is it used?
3. Draw an excel sheet with column and row titles, place year 2011, 2012, 2013, 2014 inflation rates as %8, %7, %6, %5 respectively. What is the equivalent value of 1000 AZN at the beginning of 2011, in the end of 2014? Draw an excel sheet, place all variables, then evaluate with excel formula and calculate.
4. What is an open source software? Elaborate
5. Say something about the Pascal’s, Leibniz’s and Von Neuman’s historical contribution to the computer world.
6. What is an internal storage? Elaborate
7. 10112\*10012  is equal to …..Binary number. Solve it
8. What is an interest? Elaborate
9. Draw an excel sheet with column and row titles, make a table of three stock portfolio with the ‘unit price’, ‘quantity’, ‘total price’ and ‘total value’ variables. All calculations must be in terms of the excel formula.
10. What is the purpose of Format Painter in the Ms Office
11. What are the characteristics of the first generation computers?
12. What are differences between ROM and Ram?
13. What is an IPO? Elaborate
14. 1010102 +111102 is equal to …..Binary number. Solve it
15. Draw an excel sheet with column and row titles, place the ‘First Investment’, ‘Portfolio value after one year’ and ‘Yearly return’ variables to this sheet. Give any value to the ‘First Investment’ and ‘Portfolio value after one year’ variables. Evaluate ‘yearly return’ as an excel formula and then calculate and show result via percentage.
16. What are the functions of the Operating system?
17. List any three stock exchanges in USA and give a brief information about them
18. What is a CPU? Elaborate
19. 10102\*1102  is equal to …..Binary number. Solve it
20. Explain the simple and compound interest
21. What is an e-commerce. What are the advantages and disadvanteges?
22. Draw an excel sheet with column and row titles, place the ‘GDP per Capita of Azerbaijan’, ‘members of family’ and ‘average monthly income’ variables to this sheet. Give a value to ‘GDP per Capita of Azerbaijan’ (exact value for 2013) and ‘members of family’ (any number) variables. Evaluate average ‘monthly income’ as an excel formula and then calculate.
23. What are the primary and secondary markets? Elaborate
24. What are differences between ROM and Ram?
25. Who is the Von Neuman.What is a Von Neuman architecture? Draw the Von Neumann architecture scheme
26. List the software categories and give an example for each
27. What is an application software? Elaborate
28. Write the name and the characteristics of first electronic computer?
29. Which programs does Ms Office include. Give at least four examples and explain their purposes.
30. What are the differences between supercomputers and mainframe computers?
31. Initial price of the share is 90 $. Throughout the period 6 $ dividend was given. At the end of the period price of the share becomes 92 $. Calculate the yield of this share investment.
32. What is the motherboard? Elaborate
33. What is a protocol in networking? What are the elements of the protocol? Explain
34. What is an external storage? Elaborate
35. 1112\*10012  is equal to …..Binary number. Solve it
36. Draw an excel sheet with column and row titles and make a compound interest calculator for minimum three years as we did in the class. Show the excel formulas.
37. In which two ways investor make a profit from the stock investment? Elaborate
38. What are the characteristics of the second generation computers?
39. What is a stock market? Elaborate
40. What are the four basic functions of the computers? Shortly elaborate
41. What are the differences between data and information?
42. 10111112 +100112 is equal to …..Binary number. Solve it
43. Draw an excel sheet with column and row titles and make a simple interest calculator for minimum three years as we did in the class. Show the excel formulas.
44. Give the shortcuts and explain Copy, Paste, Undo and Redo functions in Ms Office
45. What is a computer? Give 5 examples for any kind of computer
46. Compare the annual budget of Azerbaijan and the acquisition price of the WhatsApp. What can you say about it?
47. What is an operating system? Give 5 examples for operating system
48. Initial price of the share is 100 $. Throughout the period 6 $ dividend was given. At the end of the period price of the share becomes 98 $. Calclulate the yield of this share investment.
49. How banks make profit? Elaborate
50. Explain these terms: 1. Signal 2. Signaling 3. Transmission medium
51. What is a computer network? Explain
52. 1010102 +111102 is equal to …..Binary number. Solve it.
53. What is a dividend? Elaborate
54. Differentiate stock market investment with bank deposit
55. Draw an excel sheet with column and row titles, place year 2012, 2013, 2014, 2015 inflation rates as %10, %9, %8, %7 respectively. What is the equivalent value of 500 AZN at the beginning of 2012, in the beginning of 2015? Draw an excel sheet, place all variables, then evaluate with excel formula and calculate.
56. Briefly summarize your power point presentation
57. Initial price of the share is 90 $. Throughout the period 6 $ dividend was given. At the end of the period price of the share becomes 92 $. Calculate the yield of this share investment.
58. What is an e-commerce. What are the advantages and disadvantages?
59. 10102\*11112  is equal to …..Binary number. Solve it
60. Draw an excel sheet with column and row titles, place the ‘First Investment’, ‘Portfolio value after one month’ and ‘monthly return’ variables to this sheet. Give any value to the ‘First Investment’ and ‘Portfolio value after one month’ variables. Evaluate ‘monthly return’ as an excel formula and then calculate and show result via percentage.
61. Explain data communication process from computer to computer
62. List the basic bank operations. How banks make profit from these operations?
63. What is a dividend? Why companies give the dividends?
64. Give the shortcuts and explain Cut, Paste, Undo and Bold functions in Ms Office
65. 1011112 +110112 is equal to …..Binary number. Solve it
66. What are the fundamental characteristics of the data communication?
67. What are the characteristics of the third generation computers?
68. Draw an excel sheet with column and row titles, place year 2012, 2013, 2014, 2015 inflation rates as %9, %8, %7, %6 respectively. What is the equivalent value of 500 AZN at the beginning of 2012, in the end of 2015? Draw an excel sheet, place all variables, then evaluate with excel formula and calculate.
69. Why the online shopping is cheaper than the classic shopping? Explain
70. What are the components of the data communications? Explain
71. What are the characteristics of the fifth generation computers?
72. Draw an excel sheet with column and row titles, place year 2012, 2013, 2014, 2015 inflation rates as %9, %8, %7, %6 respectively. What is the equivalent value of 500 AZN at the beginning of 2012, in the the beginning of 2015? Draw an excel sheet, place all variables, then evaluate with excel formula and calculate.
73. 1111112 +100012 is equal to …..Binary number. Solve it
74. Initial price of the share is 50 $. Throughout the period 3 $ dividend was given. At the end of the period price of the share becomes 55 $. Calculate the yield of this share investment.
75. What are main differences between application and system software. Elaborate