

Тест ::: 8_ сем_ ІНФОРМАТИК А (Екзамен)

Тема :: Дефініції

1. *Встановіть відповідність між дефініцією та словом:*
- a machine built to carry out some complex task or group of tasks, especially one which can be programmed
 - any computer application that integrates text, graphics, animation, video, audio or other methods of communication
 - a device for making images of the inside of the body or for reading information into a computer system
 - the act of illegally copying a computer program, music, a film, etc. and selling it
 - small, T-shaped, ideal to capture small pictures and logos

Відповідність: MULTIMEDIA ; ROBOT ;

2. *Встановіть відповідність між дефініцією та словом:*
- a device or organ that detects certain external stimuli and responds in a distinctive manner
 - order of doing things
 - large or heavy
 - the crime of getting money by deceiving people
 - the act of illegally copying a computer program, music, a film, etc. and selling it

Відповідність: SENSOR ; PROCEDURE ;

3. *Встановіть відповідність між дефініцією та словом:*
- a family of models inspired by biological neural networks (the central nervous systems of animals, in particular the brain) and are used to estimate or approximate functions that can depend on a large number of inputs and are generally unknown
 - top quality
 - ability of computer screen, to show things clearly and with a lot of detail
 - the use of the Internet or other electronic means to stalk or harass an individual, group, or organization
 - a machine built to carry out some complex task or group of tasks, especially one which can be programmed

Відповідність: NEURAL NETWORK ; HIGH-END ;

4. *Встановіть відповідність між дефініцією та словом:*
- a computer whose physical dimensions are microscopic
 - made up of two or more parts
 - ability of computer screen, to show things clearly and with a lot of detail
 - the use of the Internet or other electronic means to stalk or harass an individual, group, or organization
 - a device for making images of the inside of the body or for reading information into a computer system

Відповідність: NANOCOMPUTER ; COMPOUND ;

5. *Встановіть відповідність між дефініцією та словом:*
- any part of the body where two bones join, in most cases allowing that part of the body to be bent or straightened
 - undeveloped
 - ability of computer screen, to show things clearly and with a lot of detail
 - a machine built to carry out some complex task or group of tasks, especially one which can be programmed
 - any computer application that integrates text, graphics, animation, video, audio or other methods of communication

Відповідність: JOINT ; RUDIMENTARY ;

6. *Встановіть відповідність між дефініцією та словом:*
- a type of mechanical arm, usually programmable, with similar functions to a human arm; the arm may be the sum total of the mechanism or may be part of a more complex robot
 - an instrument that changes soundwaves into electrical current

- any computer application that integrates text, graphics, animation, video, audio or other methods of communication
- terms for technological developments that use robotic systems to aid in surgical procedures
- a machine built to carry out some complex task or group of tasks, especially one which can be programmed

Відповідність: ROBOTIC ARM ; MICROPHONE ;

7. *Встановіть відповідність між дефініцією та словом:*

- the intelligence exhibited by machines or software. It is also the name of the academic field of study which studies how to create computers and computer software that are capable of intelligent behavior
- one device used in computer-to-video conversion
- the use of the Internet or other electronic means to stalk or harass an individual, group, or organization
- robotic technology for use in the home
- an opening on a computer into which fits an expansion board

Відповідність: ADAPTOR ; AI ;

8. *Встановіть відповідність між дефініцією та словом:*

- robotic technology for use in the home
- an opening on a computer into which fits an expansion board
- large or heavy
- any computer application that integrates text, graphics, animation, video, audio or other methods of communication
- manipulation of matter on an atomic, molecular, and supermolecular scale

Відповідність: DOMOTICS ; SLOT ;

9. *Встановіть відповідність між дефініцією та словом:*

- manipulation of matter on an atomic, molecular, and supermolecular scale
- to shine unsteadily
- a device for making images of the inside of the body or for reading information into a computer system
- terms for technological developments that use robotic systems to aid in surgical procedures
- the technique whereby still drawings are given the appearance of movement

Відповідність: NANOTECHNOLOGY ; FLICKER ;

10. *Встановіть відповідність між дефініцією та словом:*

- the act of putting into motion
- the technique whereby still drawings are given the appearance of movement
- the crime of getting money by deceiving people
- ability of computer screen, to show things clearly and with a lot of detail
- terms for technological developments that use robotic systems to aid in surgical procedures

Відповідність: ACTUATION ; ANIMATION ;

11. *Встановіть відповідність між дефініцією та словом:*

- terms for technological developments that use robotic systems to aid in surgical procedures
- record music onto a CD
- small, T-shaped, ideal to capture small pictures and logos
- large or heavy
- ability of computer screen, to show things clearly and with a lot of detail

Відповідність: ROBOTIC SURGERY ; BURN ;

12. *Встановіть відповідність між дефініцією та словом:*

- a robot that is designed to look and act like a human (usually male)
- a person who monitors the way people work to check that things are done properly
- the connection between a user and a machine
- the emerging technology field creating machines or robots whose components are at or close to the scale of a nanometre
- the act of putting into motion

Відповідність: ANDROID ; SUPERVISOR ;

13. *Встановіть відповідність між дефініцією та словом:*

- the connection between a user and a machine

- the suffix placed after a dot at the end of a filename
- the emerging technology field creating machines or robots whose components are at or close to the scale of a nanometre
- the act of putting into motion
- a device for making images of the inside of the body or for reading information into a computer system

Відповідність: EXTENSION ; INTERFACE ;

14. *Встановіть відповідність між дефініцією та словом:*

- the emerging technology field creating machines or robots whose components are at or close to the scale of a nanometre
- special programs so that they occupy less disk space
- the act of putting into motion
- the device at the end of a robotic arm, designed to interact with the environment
- an automatic machine that is capable of locomotion

Відповідність: COMPRESS ; NANOROBOTICS ;

15. *Встановіть відповідність між дефініцією та словом:*

- the device at the end of a robotic arm, designed to interact with the environment
- the type of text that contains links to other texts
- a computer criminal who uses technology to perform a variety of crimes
- the emerging technology field creating machines or robots whose components are at or close to the scale of a nanometre
- a system that combines hypertext and multimedia

Відповідність: END EFFECTOR ; HYPERTEXT ;

16. *Встановіть відповідність між дефініцією та словом:*

- an automatic machine that is capable of locomotion
- a system that combines hypertext and multimedia
- space exploration vehicle designed to move across the surface of a planet or other celestial body
- a device for making images of the inside of the body or for reading information into a computer system
- wireless technology standard for exchanging data over short distances

Відповідність: HYPERMEDIA ; MOBILE ROBOT ;

17. *Встановіть відповідність між дефініцією та словом:*

- space exploration vehicle designed to move across the surface of a planet or other celestial body
- files processed by sound software
- wireless technology standard for exchanging data over short distances
- the type of site where you can find and exchange music files
- a system of filming, processing and showing moving pictures

Відповідність: AUDIO ; PLANETARY ROVER ;

18. *Встановіть відповідність між дефініцією та словом:*

- a computer system that emulates the decision-making ability of a human expert
- a system of filming, processing and showing moving pictures
- the type of site where you can find and exchange music files
- the device at the end of a robotic arm, designed to interact with the environment
- a light switch can be used as a

Відповідність: EXPERT SYSTEM ; VIDEO ;

19. *Встановіть відповідність між дефініцією та словом:*

- wireless technology standard for exchanging data over short distances
- the technique which allows you to play music and watch video before the entire file has downloaded
- a computer criminal who uses technology to perform a variety of crimes
- the type of site where you can find and exchange music files
- the device at the end of a robotic arm, designed to interact with the environment

Відповідність: STREAMING ; BLUETOOTH ;

20. *Встановіть відповідність між дефініцією та словом:*

- auxiliary programs used to play multimedia files

- the automatic operation of a system or process
- large or heavy
- the type of site where you can find and exchange music files
- the device at the end of a robotic arm, designed to interact with the environment

Відповідність: AUTOMATION ; PLUGS-IN ;

21. *Встановіть відповідність між дефініцією та словом:*

- the type of site where you can find and exchange music files
- the term domotics comes from domus and ...
- the act of illegally copying a computer program, music, a film, etc. and selling it
- a device for making images of the inside of the body or for reading information into a computer system
- using less energy

Відповідність: ROBOTICS ; FILESHARE ;

22. *Встановіть відповідність між дефініцією та словом:*

- an online journal with sound
- the adjective used to describe homes and devices that use IT technology
- the act of illegally copying a computer program, music, a film, etc. and selling it
- the term domotics comes from domus and ...
- wireless technology standard for exchanging data over short distances

Відповідність: AUDIOBLOG ; INTELLIGENT ;

23. *Встановіть відповідність між дефініцією та словом:*

- a smoke sensor is an example of a
- LANs where the devices are connected with cables or electrical wiring
- using less energy
- the device or program used to interact with a computer
- a light switch can be used as a

Відповідність: COMMAND INITIATOR ; WIRED ;

24. *Встановіть відповідність між дефініцією та словом:*

- a light switch can be used as a
- subatomic particles used in quantum computers
- a microchip made with organic materials
- LANs where the devices are connected with cables or electrical wiring
- fixed, integrated

Відповідність: QUANTUM BITS ; COMMAND RECEIVER ;

25. *Встановіть відповідність між дефініцією та словом:*

- a microchip made with organic materials
- the device or program used to interact with a computer
- using less energy
- LANs where the devices are connected with cables or electrical wiring
- a smoke sensor is an example of a

Відповідність: USER INTERFACE ; DNA BIOCHIP ;

26. *Встановіть відповідність між дефініцією та словом:*

- fixed, integrated
- versatile, programmable automation, e.g. an assembly robot
- a computer criminal who uses technology to perform a variety of crimes
- a microchip made with organic materials
- the device or program used to interact with a computer

Відповідність: EMBEDDED ; FLEXIBLE MACHINE ;

27. *Встановіть відповідність між дефініцією та словом:*

- flexible machine capable of moving and communicating with humans, e.g. a sentry robot
- machine capable of independent operation following a predetermined series of behavior, e.g. a cuckoo clock
- software that collects information about how someone uses the internet, or personal information such as passwords, without the user knowing about it

- to press a computer mouse twice in order to tell the computer to do something
- a computer program or part of a computer program that can make copies of itself and is intended to prevent the computer from working normally

Відповідність: AUTOMATON ; MOBILE ROBOT ;

28. *Встановіть відповідність між дефініцією та словом:*

- humanoid having both organic and inorganic structures, with some physiological similarity to humans
- a podcast and a spoken tutorial are different types of
- a harmful computer program that can copy itself and spread across a number of connected computers
- move it from one area to another using the mouse
- refers to any subject related to algebra in mathematics

Відповідність: CYBORG ; WEBCAST ;

29. *Встановіть відповідність між дефініцією та словом:*

- mobile robot of human proportions
- the speed at which the CPU processes instructions
- a computer program or part of a computer program that can make copies of itself and is intended to prevent the computer from working normally
- a mechanical computer
- a piece of computer equipment with a flat glass base on which you lay a document or book in order to copy the page into a computer

Відповідність: HUMANOID ; MIPS ;

Тема :: Прийменники

30. *Оберіть правильний прийменник.*

THE IMAGE IS ____3D SO YOU CAN LOOK AT IT FROM ALL SIDES.

- in
- on
- at
- with

31. *Оберіть правильний прийменник:*

ALL THE LINKS IN THIS E-ZINE ARE RELATED ____ FOOTBALL.

- on
- to
- in
- for

32. *Оберіть правильний прийменник:*

HYPertext MEANS THAT YOU CAN CLICK ____ A WORD AND JUMP TO ANOTHER SCREEN WITH MORE INFORMATION.

- in
- on
- at
- for

33. *Оберіть правильний прийменник:*

I DOWNLOAD MUSIC ____ THE NET.

- with
- from
- at
- about

34. *Оберіть правильний прийменник:*

MY FRIEND BURNS MUSIC ____ CDS.

- onto
- at
- in
- with

35. *Оберіть правильний прийменник:*

I TALK WITH MY FRIENDS _____ THE MESSENGER.

- on
- to
- at
- from

36. *Оберіть правильний прийменник:*

THE HUMAN VOICE CAN BE DECODED BY A COMPUTER _____ SUITABLE SPEECH RECOGNITION SOFTWARE.

- at
- from
- with
- for

37. *Оберіть правильний прийменник:*

COMPUTERS CAN PRODUCE SOUNDS SIMILAR _____ A HUMAN VOICE.

- at
- to
- in
- on

38. *Оберіть правильний прийменник:*

COMPUTERS CAN PRODUCE SOUNDS _____ SPEECH SYNTHESIS TECHNOLOGIES.

- at
- from
- with
- to

39. *Оберіть правильний прийменник:*

I WAS FED UP WITH DICTATING LONG DOCUMENTS _____ SOMEONE ELSE.

- from
- to
- on
- at

40. *Оберіть правильний прийменник:*

I CREATE DIFFERENT SOUNDS _____ A SYNTHESIZER.

- with
- for
- at
- without

41. *Оберіть правильний прийменник:*

PHOTOS ARE SCANNED IN _____ A SCANNER.

- to
- at
- with
- in

42. *Оберіть правильний прийменник:*

THE FIRST DRAFT IS TRANSFERRED _____ A PAGE-MAKEUP PROGRAM.

- without
- to

- with
 - at
43. *Оберіть правильний прийменник:*

TEXT AND GRAPHICS ARE ADJUSTED ____ SCREEN.

- with
 - on
 - without
 - for
44. *Оберіть правильний прийменник:*

THE FINISHED DOCUMENT IS PRINTED ____ A LASER PRINTER.

- on
 - in
 - at
 - from
45. *Оберіть правильний прийменник:*

A TRACK INFO BUTTON GIVES YOU THE INFORMATION ____ THE MP3 FILE'S TAG.

- with
 - at
 - on
 - for
46. *Оберіть правильний прийменник:*

THE BUTTONS MAY TAKE YOU ____ A MUSIC LIBRARY.

- on
 - to
 - with
 - for
47. *Оберіть правильний прийменник:*

THE PROGRAMS ARE AKIN ____ THE WALLPAPER THAT ALTERS THE LOOK OF THE WINDOWS DESKTOP.

- at
 - to
 - on
 - in
48. *Оберіть правильний прийменник:*

AN ENCODER CONVERTS WAV FILES ____ MP3 FILES.

- into
 - on
 - with
 - for
49. *Оберіть правильний прийменник:*

THE MOST COMMON MESSAGES CONSIST ____ INSTRUCTIONS.

- about
 - of
 - without
 - on
50. *Оберіть правильний прийменник:*

END EFFECTORS ARE EQUIPPED ____ CAMERAS.

- with
- to
- in
- on

51. *Оберіть правильний прийменник:*

ROBOTS DEPEND ____ A COMPUTER SYSTEM.

- in
- on
- at
- to

52. *Оберіть правильний прийменник:*

HOUSEHOLD APPLIANCES CAN BE LINKED ____ WIRED AND WIRELESS SYSTEMS.

- about
- with
- on
- in

53. *Оберіть правильний прийменник:*

ROBOTS SHINE ____ INSTALLING CHIPS IN PRINTED CIRCUIT BOARDS.

- at
- on
- in
- about

54. *Оберіть правильний прийменник:*

IT'S WORTH PAYING ____ A TRAINING COURSE.

- for
- to
- about
- in

55. *Оберіть правильний прийменник:*

IT'S A GOOD IDEA TO BUY BOOKS ____ LANGUAGES SUCH AS C++.

- without
- on
- behind
- within

56. *Оберіть правильний прийменник:*

MICROSOFT CERTIFIED SYSTEMS ENGINEER IS A USEFUL QUALIFICATION ____ YOUR CAREER.

- from
- without
- for
- under

57. *Оберіть правильний прийменник:*

HARDWARE ENGINEER IS INVOLVED ____ THE MANUFACTURE, INSTALLATION AND TESTING.

- in
- on
- from
- to

58. *Оберіть правильний прийменник:*

SOFTWARE DESIGNER CONVERTS THE SYSTEM ANALYST'S SPECIFICATION ____ A LOGICAL SERIES OF STEPS.

- on
- for
- to
- with

59. *Оберіть правильний прийменник:*

INTEREST ____ TECHNOLOGY TO KEEP UP WITH NEW DEVELOPMENTS IS DESIRABLE.

- about
- in
- on
- for

Тема :: Часова форма

60. *Впишіть дієслово, що в дужках, у правильній часовій формі (всі літери малі)*

THE TEXT (TO TYPE) IN USING A WORD PROCESSOR YESTERDAY.

61. *Впишіть дієслово, що в дужках, у правильній часовій формі (всі літери малі)*

THE TEXT (TO EDIT) LAST WEEK.

62. *Впишіть дієслово, що в дужках, у правильній часовій формі (всі літери малі)*

THE TEXT (TO SPELL) BY STUDENTS EVERY DAY.

63. *Впишіть дієслово, що в дужках, у правильній часовій формі (всі літери малі)*

LINE DRAWINGS (TO MAKE) USING A GRAPHICS PACKAGE EVERY WEEK.

64. *Впишіть дієслово, що в дужках, у правильній часовій формі (всі літери малі)*

PHOTOGRAPHS (TO SCAN) NOW.

65. *Впишіть дієслово, що в дужках, у правильній часовій формі (всі літери малі)*

TEXT AND GRAPHICS (TO ADJUST) ON SCREEN NOW.

66. *Впишіть дієслово, що в дужках, у правильній часовій формі (всі літери малі)*

THE FINISHED DOCUMENT (TO PRINT) YESTERDAY AT TWO O'CLOCK.

67. *Впишіть дієслово, що в дужках, у правильній часовій формі (всі літери малі)*

THE GRAPHIC (TO SCALE) YESTERDAY AT FIVE O'CLOCK.

68. *Впишіть дієслово, що в дужках, у правильній часовій формі (всі літери малі)*

THE FINISHED PRODUCTS ALREADY (TO PRINT).

69. *Впишіть дієслово, що в дужках, у правильній часовій формі (всі літери малі)*

THE BASIC DESIGN JUST (TO DRAW).

70. *Впишіть дієслово, що в дужках, у правильній часовій формі (всі літери малі)*

UNNECESSARY PARTS (TO REMOVE) USING THE ERASER IN FUTURE.

71. *Впишіть дієслово, що в дужках, у правильній часовій формі (всі літери малі)*

THE TEXT (TO ADD) TOMORROW.

72. *Впишіть дієслово, що в дужках, у правильній часовій формі (всі літери малі)*

MP3 ALWAYS (TO REDUCE) THE INFORMATION STORED.

73. *Впишіть дієслово, що в дужках, у правильній часовій формі (всі літери малі)*

PEOPLE ALWAYS (TO USE) SKINS AND THEMES TO ALTER THE LOOK OF THEIR MP3 PLAYER.

74. *Впишіть дієслово, що в дужках, у правильній часовій формі (всі літери малі)*

NOW THEY (TO REDUCE) THE INFO STORED.

75. *Впишіть дієслово, що в дужках, у правильній часовій формі (всі літери малі)*

HE (TO DOWNLOAD) FILES AT THE MOMENT.

76. *Впишіть дієслово, що в дужках, у правильній часовій формі (всі літери малі)*

RECENTLY WE (TO STRIP) INAUDIBLE SOUNDS.

77. *Впишіть дієслово, що в дужках, у правильній часовій формі (всі літери малі)*

AFTER MP3 (TO DO) ITS WORK, THE FILE IS REDUCED.

78. *Впишіть дієслово, що в дужках, у правильній часовій формі (всі літери малі)*

BELL LABORATORIES (TO DEVELOP) THE TRANSISTOR LONG AGO.

79. *Впишіть дієслово, що в дужках, у правильній часовій формі (всі літери малі)*

THE FIRST MICROCOMPUTERS (TO COME) ON TO THE MARKET IN THE MID-1970S.

80. *Впишіть дієслово, що в дужках, у правильній часовій формі (всі літери малі)*

THEY (TO DEVELOP) THE ELECTROMECHANICAL COMPUTER WHEN HE ENTERED THE LABORATORY.

81. *Впишіть дієслово, що в дужках, у правильній часовій формі (всі літери малі)*

THE SCIENTIST (TO REPLACE) TRANSISTORS IN THE COMPUTER YESTERDAY AT TWO O'CLOCK.

82. *Впишіть дієслово, що в дужках, у правильній часовій формі (всі літери малі)*

DOCTORS (TO EXPERIMENT) WITH NEW PROCEDURES ON SIMULATED PATIENTS NEXT CENTURY.

83. *Впишіть дієслово, що в дужках, у правильній часовій формі (всі літери малі)*

MANY MORE PEOPLE (TO JOIN) THE INTERNET IN FUTURE.

84. *Впишіть дієслово, що в дужках, у правильній часовій формі (всі літери малі)*

PEOPLE (TO USE) MICRO-MACHINES FOR DRUG DELIVERY IN FUTURE.

85. *Впишіть дієслово, що в дужках, у правильній часовій формі (всі літери малі)*

HE (TO GRADUATE) IN BUSINESS STUDIES LAST YEAR.

86. *Впишіть дієслово, що в дужках, у правильній часовій формі (всі літери малі)*

HE (TO TAKE) A JOB IN LONDON LAST YEAR.

87. *Впишіть дієслово, що в дужках, у правильній часовій формі (всі літери малі)*

HE TRAINED AS A SYSTEMS ANALYST WHILE HE (TO WORK) IN LONDON.

88. *Впишіть дієслово, що в дужках, у правильній часовій формі (всі літери малі)*

HE (TO LOOK AFTER) ALL THE SYSTEMS USED BY THE TECHNICAL SERVICES DIVISION EVERY YEAR.

89. Впишіть дієслово, що в дужках, у правильній часовій формі (всі літери малі)

AT THE MOMENT HE (TO DEVELOP) A SYSTEM FOR HANDLING REPAIRS.

90. Впишіть дієслово, що в дужках, у правильній часовій формі (всі літери малі)

WHEN SOMETHING (TO GO) WRONG IN A PUB, A SERVICE ENGINEER IS SENT TO FIX IT.

91. Впишіть дієслово, що в дужках, у правильній часовій формі (всі літери малі)

NO CHANGES CAN BE MADE UNTIL THE SYSTEM (TO TEST).

92. Впишіть дієслово, що в дужках, у правильній часовій формі (всі літери малі)

IF YOU CLICK ON THAT, THAT (TO COMPACT) JUST YOUR C DRIVE.

93. Впишіть дієслово, що в дужках, у правильній часовій формі (всі літери малі)

IF YOU (TO CLICK) ON THAT, THAT OPENS IT UP AND SHOWS YOU ALL YOUR FOLDERS.

94. Впишіть дієслово, що в дужках, у правильній часовій формі (всі літери малі)

IF YOU (TO SPILL) COFFEE ON YOUR KEYBOARD, YOU COULD DAMAGE IT.

95. Впишіть дієслово, що в дужках, у правильній часовій формі (всі літери малі)

IF THERE WERE NO OTHER FOLDERS THERE, YOU (NOT TO HAVE) A LITTLE BOX IN THERE.

96. Впишіть дієслово, що в дужках, у правильній часовій формі (всі літери малі)

IF YOU (TO LEAVE) YOUR KEYBOARD IN THE SHOWER, WHAT MIGHT HAPPEN?

97. Впишіть дієслово, що в дужках, у правильній часовій формі (всі літери малі)

IF YOU RECEIVED AN EMAIL FROM THE PRESIDENT OF THE USA, HOW YOU (TO FEEL)?

98. Впишіть дієслово, що в дужках, у правильній часовій формі (всі літери малі)

IF YOU (TO PRESS) PRINT SCREEN, YOU CAN MAKE A COPY OF THE SCREEN.

99. Впишіть дієслово, що в дужках, у правильній часовій формі (всі літери малі)

IF YOU PRESS CTRL+ALT+DEL IN WINDOWS 98, IT (TO DISPLAY) A LIST OF ACTIVE PROGRAMS.

100. Впишіть дієслово, що в дужках, у правильній часовій формі (всі літери малі)

IF YOU ADDED MORE MEMORY, IT (TO SPEED UP) THE COMPUTER.

101. Впишіть дієслово, що в дужках, у правильній часовій формі (всі літери малі)

IF YOU (TO INSTALL) A MODEM, YOU WOULD BE ABLE TO CONNECT TO A TELEPHONE LINE.

102. Впишіть дієслово, що в дужках, у правильній часовій формі (всі літери малі)

IF YOU HAD USED A BETTER SEARCH ENGINE, YOU (TO FIND) MORE RELEVANT RESULTS YESTERDAY.

Тема :: Пропущений фрагмент

103. Заповніть пропуски цифрами, які відповідають правильному фрагменту в тексті.

The primary requirements _____ are nothing more than a good memory, an attention to detail, a logical mind and the ability to work through a problem in a methodical manner _____.

However, it's enough just to turn up for a job interview with a logical mind _____. An employer will want to see some sort of formal qualification and a proven track record. But if you can show someone an impressive piece of software with your name on it, it will count for a lot more _____.

So what specific skills are employers looking for? The Windows market is booming and there's a demand for good C, C++, Delphi, Java and Visual Basic developers. Avoid older languages such as FORTRAN and COBOL _____.

1. breaking tasks down into smaller, more manageable pieces
2. than a string of academic qualifications
3. as your sole qualification
4. and to transfer money to other card holders
5. for being a good programmer
6. are likely to disappear
7. unless you want to work as a contact programmer

104. *Заповніть пропуски цифрами, які відповідають правильному фрагменту в тексті.*

Bank customers can now download money _____, a smart card, using a specially designed phone _____. To download cash you have to enter your PIN. You can then use your electronic wallet to pay for goods across the Internet, _____.

Using the Internet, customers can now check their account balance and see their latest statement. One bank has developed a multi-currency payment engine _____ to sell their goods in sixteen countries, with customers paying in their local currency. With these developments, coins and notes _____.

1. from their account to an electronic wallet
2. and to transfer money to other card holders
3. as your sole qualification
4. equipped with a smart card reader
5. are likely to disappear
6. for being a good programmer
7. which allows on-line retailers

105. *Заповніть пропуски цифрами, які відповідають правильному фрагменту в тексті.*

This may sound very much _____ by the Internet, but in fifty years' time it will be very much different. Shoppers will be able to scan down virtual supermarket aisles on their PC and _____: the goods will then be delivered shortly afterwards. Customers may well be able to call up a virtual assistant _____ or to ask the computer for suggestions. Moreover, people will be able to get background information _____, and will be able to boycott any _____.

1. click on to whatever they want
2. on shops and goods

3. implanted chips
4. who will talk them through their shopping
5. to correct visual signals
6. like shopping
7. that offend their ethical considerations

106. Заповніть пропуски цифрами, які відповідають правильному фрагменту в тексті.

In the next decade we can have miniature computers inside us_____. Such a chip would include a microprocessor, sensors, and a radio frequency device _____. All this would happen, of course, without taking any blood or _____.

Since we already familiar with the notion of an internal pacemaker for the heart, including a chip or two may not seem all that astonishing. But this is just the beginning. Experts foresee, within twenty years, _____ that can correct our ability to interact with the world. Once implanted, the chip is invisible, unlike a hearing aid. A more common implant would be a chip _____. No more glasses!

1. that would permit accurate read-outs of vital statistics
2. with a sensor-equipped glove
3. to correct visual signals
4. to monitor, and even regulate, our blood pressure, heart rate, and cholesterol
5. attaching any external devices to the body
6. wearing head mounts
7. implanted chips

107. Заповніть пропуски цифрами, які відповідають правильному фрагменту в тексті.

One of the most important steps in computing technology in the coming years is likely to be _____. Using the same process used to create chips, it's possible to fabricate mechanical parts – levers, gear wheels, and small motors.

The best known example of a micro-machine was created by Sandia Laboratories in New Mexico in the US. It's a complete motor _____ – still a bit big for some of the micro machines planned for the future.

What are micro-machines going to be used for? Obvious applications are sensors, gyros and drug delivery. The idea is that a micro-machine could have a strain sensor or a gyroscopic attitude sensor and electronics _____.

The idea of using a micro-machine to deliver drugs is getting a bit closer to more sci-fi applications. Only step further is the idea of building insect-sized robots _____. Swallowing an ant-sized machine _____ seems like a really good idea.

1. developing 50 W of power in one square millimeter
2. that could do difficult jobs in very small places
3. a return to mechanical methods
4. join the Internet

5. to cure you or putting one inside some failed machinery
6. built into a single chip-sized package
7. to experiment with new procedures

108. Заповніть пропуски цифрами, які відповідають правильному фрагменту в тексті.

Here are some applications of virtual reality under development. _____, consumers can browse for products in a virtual showroom. From a remote location a consumer will be able _____. Similarly, from a convenient office a security guard can patrol corridors and offices in remote locations.

Air traffic controllers may someday work like this. Microlaser scanner glasses project computer-generated images directly into the controller's eyes, _____ showing all the aircraft in the area. To establish voice contact with the pilot of the plane, the controller merely touches the plane's image _____.

Using virtual reality headsets and gloves, doctors and medical students will be able to experiment with new procedures _____.

1. immersing the controller in a three-dimensional scene
2. wearing head mounts
3. that could do difficult jobs in very small places
4. on simulated patients rather than real ones
5. to manoeuvre and view products along rows in a warehouse
6. with a sensor-equipped glove
7. built into a single chip-sized package

109. Заповніть пропуски цифрами, які відповідають правильному фрагменту в тексті.

If your friend suddenly had an accident and was unconscious or incoherent, could you provide any information to an ambulance crew? Would you know her blood type, her allergies, the prescription drugs _____? Probably not. Even family members may not have this information, or be too distraught themselves _____. Enter the MediCard, a plastic card that has an embedded chip _____. Small computers that can read the cards are installed _____. This system is working successfully in some communities. The biggest problem is making sure _____.

1. containing all that patient information
2. head-mounted display
3. she takes
4. makes your hand feel pressure
5. in ambulances and in hospital emergency rooms
6. to provide needed medical information
7. that people carry their cards at all times

110. Заповніть пропуски цифрами, які відповідають правильному фрагменту в тексті.

One way of classifying robots is in terms of their similarity to humans. An automation is any machine _____, such as a clothes dryer. A flexible machine is a special case of an automation with different capabilities, _____. An example is a welding robot on the factory floor that can be programmed to participate in other production operations. A mobile robot is a flexible machine capable _____. It can partly select its own goals and communicates with other agents, _____. An android or humanoid is a mobile robot whose structure approximately resembles a human structure. Finally, a cyborg is a humanoid with organic structures. Cyborgs have some physiological structures _____.

1. that can be programmed as the need arises
2. similar to those of humans
3. capable of operating independently
4. the diagram shows
5. of moving freely in its own environment
6. including humans
7. the actual amount

111. *Заповніть пропуски цифрами, які відповідають правильному фрагменту в тексті.*

Computers will be embedded or hidden in a variety of items. For example, we'll have wearable computers that will be embedded in a belt of jewellery, etc.

ICT devices will be mobile and multimedia: we'll watch mobile TV programmes on our phones _____.

We'll be able to swim _____, a technology that will change the two-dimensional world of the Internet into a 3-D experiences with three-dimensional sound and images and even the sense of touch.

User interfaces, the systems _____, will resemble human communication. There will be gesture interfaces based on facial-band recognition systems.

Computer chips can be injected under the RFID, radio frequency identification tags, might be used to track or identify people or to store information, such as medical data, _____.

There might be intelligent robots, machines that will be able to think creatively. The processing power of computers may have reached 1,000,000,000 MIPS _____ the estimated speed of human thought.

1. that facilitate communication between people and computers
2. which will also access the Internet and work as a mobile office
3. a molecular computer
4. although there are concerns about privacy and personal safety
5. in the immersive Internet
6. made with organic material
7. millions of instructions per second

112. *Заповніть пропуски цифрами, які відповідають правильному фрагменту в тексті.*

Nanotechnology, the science of creating and using materials or devices _____, is going to represent a new technological revolution. These devices will fall in the range of 1 nanometre, _____, to 100 nanometres (nm).

Nanobots, robots formed from molecules or molecular components, will be used in medicine _____. For example, they will be injected and will move through blood vessels destroying cholesterol molecules or cancer.

Nanocomputers, _____, may have the power of 100 workstations but only be the size of a grain of sand. There will be two main types of molecular computers.

Quantum computers, based on quantum mechanics, may be millions of items faster than current computers. They will be so fast because _____. This capability is made possible by qbits, quantum bits, which can be 0 or 1, or something in between, simultaneously.

DNA computers will use DNA biochips to perform the same functions as silicon microchips do today but at a much faster speed.

1. which is equal to one billionth of a metre
2. molecule-sized computers
3. to control and diagnose diseases
4. they will be able to examine all possible answers to a query at the same time
5. to revolutionize the way we live
6. at molecular and atomic sizes
7. into a test bulb

113. *Заповніть пропуски цифрами, які відповідають правильному фрагменту в тексті.*

Domotics from the Latin word domus plus robotics also known as automation, involves the use of information technology _____ in order to create intelligent systems inside the house.

Basic intelligent devices, traditional devices _____, have been with us for a while, e.g. microwave ovens and washing machines with computerized controls.

Intelligent homes are a wider concept: all the systems and devices are connected in a LAN, local area network, _____ and are controlled by a central computer sometimes installed in one of the machines.

Intelligent homes are controlled with different types of interfaces, devices _____: physical switches, touch screens, IR (infrared) remote controls, computers either at home or at a distance, telephony.

The different elements perform one of these two functions: they are either command initiators, e.g. a brightness sensor that is programmed to send an instruction when it gets dark, or command receivers _____.

1. where they communicate with each other
2. an instruction sent by the sensor
3. with an embedded processor
4. open and close doors
5. that facilitate communication between the user and the system
6. control heat sensors

7. applied to domestic appliances

114. Заповніть пропуски цифрами, які відповідають правильному фрагменту в тексті.

Scientists at Aberystwyth University are working on a machine which they hope will recognize objects with cameras _____, and retrieve objects with an arm _____.

Although the arm will have joints that will link its muscles and an electric motor that will be the actuator, this new robot won't move like a human, i.e. it won't be like the automata of science-fiction films: forget Star Wars' C3PO. It will be desk based: _____.

The team hopes to discover _____ and to use that information to develop the computer system to create a robot _____.

1. that will be its end effector
2. how the brain performs "multi-tasking"
3. that will work as sensors
4. intelligent behavior
5. a wider concept
6. no walking or climbing stairs
7. that can think for itself

115. Заповніть пропуски цифрами, які відповідають правильному фрагменту в тексті.

A robot is a computer-programmed machine _____, etc. in a precise and, in many cases, repetitive way.

Robots may be automata, _____, whose basic components are similar to a human body.

They have mechanical links, joints, _____.

Their heart and muscles are the electric or pneumatic motors or systems, the actuators, _____.

Robots also have hands, usually tools or grippers called end effectors. They may be equipped with cameras or infrared controls, sensors, _____ in order to locate objects or adjust movements. Finally, robots depend on a computer system, the brain that directs the actions.

1. which connect their movable parts
2. that performs actions, manipulates objects
3. which transmit information to the central system
4. or man-like machines
5. compulsory labour
6. which create the movement
7. in the automobile industry

116. Заповніть пропуски цифрами, які відповідають правильному фрагменту в тексті.

The name comes from MPEG _____. MPEG develops standards for audio and video compression. MP3 is actually MPEG Audio Layer 3.

MP3 competes with another audio file format called WAV. The key difference is _____. An MP3 file can store a minute of sound per megabyte, _____.

How does MP3 achieve this compression? CDs and audio files don't reproduce every sound of a performance. Instead, they sample the performance and store a discrete code for each sampled note. A CD or WAV file may sample a song 44 000 times a second, _____.

By stripping out sounds most people can't hear. MP3 significantly reduces the information stored. For instance, most people can't hear notes above a frequency of 16kHz, so it eliminates them from the mix. Similarly, it eliminates quiet sounds masked by noise at the same frequency. The result is a file _____, but which is much smaller. An MP3 file can contain spoken word performances, such as radio shows or audio books, as well as music. It can provide information about itself in a coded block called a tag. The tag may include the performer's name, a graphic such as an album cover, the song's lyrics, the musical genre, and a URL for more details.

1. which stands for the Motion Picture Experts Group
2. while a WAV file needs 11 or 12 megabytes to hold the same amount
3. and store a discrete code for each sampled note
4. that sounds very similar to a CD
5. that MP3 files are much smaller than WAV files
6. creating a huge mass of information
7. stand for

117. *Заповніть пропуски цифрами, які відповідають правильному фрагменту в тексті.*

The different types of digital audio players are often referred to as MP3 players. MP3 is short for MPEG audio layer 3, _____, such as songs, to manageable sizes. They come in different formats. Broadly speaking, hard drive versions, which include iPods, store greater amounts of music. Built-in or flash memory, _____, holds fewer songs, but as there are no moving parts there are no problems with skipping. You have to upload the music from a CD onto a computer, rip a CD, or else download it from the Internet and then transfer it to the player.

With a suitable ID3 editor or jukebox program you can create ID3 tags, _____, to organize your MP3 collection with information about the artists, albums, songs, etc.

Before buying your digital audio player, _____, you should take certain things account.

First, size. Most hard drive models tend to be bigger and heavier. On the other hand, if you buy a lighter version with flash memory you won't be able to store so many songs, _____ and you'll be able to take it on your morning run as there won't be any problems with skipping.

1. which is more common in mini-MP3 players
2. a type of compression used to reduce large files
3. but the batteries will last longer
4. can be composed
5. a set of data added to MP3 file
6. to create digital music

7. or MP3 player as they are usually known

118. *Заповніть пропуски цифрами, які відповідають правильному фрагменту в тексті.*

I can listen to real-world or online radio stations _____.

I've just started a new audioblog. It's a blog, an Internet journal, _____.

I enjoy podcasting. I publish my own radio programmes as podcasts, audio files which I make available over the Internet for playback on people's computers. Also, I subscribe to other people's podcasts _____.

My son downloads and listens to MP3 files _____, where you search and download music from other people's computers using software such as Kazaa or eMule.

I ask my students to listen to audio books and get information from audio lectures and spoken tutorials on the Web.

All the people above describe different types of webcasts, broadcasts on the Web. These require either suitable audio player software (e.g. WinAmp or iTunes) that allows streaming a technique _____; or plug-in (e.g. RealPlayer or Windows Media Player), a program that interacts with your web browser to play audio files through the browser interface.

1. which includes audio clips
2. he finds on fileshare sites
3. with Internet radio everywhere in the world
4. that means you can listen to an audio file while it's being downloaded
5. so that I can hear their radio programmes
6. an online journal with sound
7. auxiliary programs

119. *Заповніть пропуски цифрами, які відповідають правильному фрагменту в тексті.*

There are games _____ such as Nintendo, Sega and the PlayStation. And there are games you play on a computer, either alone or at multiplayer online sites such as Microsoft's Internet Gaming Zone and Battle.net.

Video games have been made into films, such as Mortal Kombat 1 and 2, and _____. The graphics in many games have taken on such a high degree of realism _____. The X-Files game was practically an interactive movie, full of actors from the show and sections of dialogue and video. Some people claim that the Blade Runner video game was better than the movie – not only were the sets incredible _____.

Multiplayer online gaming is the next wave in the video game world. It provides a better gaming experience, simply because _____. Thousands of people can play simultaneously all over the world.

1. that they almost seem like film
2. people are more creative and more challenging adversaries than computers
3. you play on video consoles
4. but you also got to control the action and the ending
5. like video games

6. film stars now sometimes appear in video games

7. audio files on the Web

120. *Заповніть пропуски цифрами, які відповідають правильному фрагменту в тексті.*

In public places (e.g. museums and stations), there are information kiosks that use multimedia.

In education, it is used _____.

On the Web, audio and video are integrated into web pages. For example, RealPlayer supports streaming, which lets you play sound (e.g. from radio stations) and video files _____.

In virtual reality, users interact with a simulated world: doctors train _____; pilots use flight simulators to do their training; people visit virtual exhibitions, etc.

You can play games on a computer or video games on a dedicated machine, called a video console, _____. You can also play games on the Net; some websites have a multiplayer facility _____.

1. in presentations and computer-based training courses
2. using virtual surgery
3. that enables lots of people to play the same game at the same time
4. files compressed
5. as a continuous stream while they are downloading
6. three popular video formats
7. which you connect to a TV set

121. *Заповніть пропуски цифрами, які відповідають правильному фрагменту в тексті.*

Multimedia refers to the technologies and applications _____: text, graphics, sound, video and animation.

Its power resides in interactivity, hypertext and hypermedia. Multimedia software is usually interactive, so you can choose _____. Hypertext means that you can click on a word and jump to another screen with more information; hypermedia is similar, _____ (e.g. the Web).

An IT student says: 'I use multimedia _____. I download music from the Net and burn music onto CDs – I copy songs onto CDs. I talk with my friends on the Messenger. I also retouch digital pictures and edit video clips. _____ you need a fast CPU, expandable RAM and a large hard disk. But what marks a computer out as a multimedia PC is its audio and video capabilities: a sound card, a microphone, a decent pair of speakers, a high-quality monitor and a DVD writer and its performance depends on all these components working in harmony.

1. but works with sounds and images
2. to run multimedia software
3. that integrate different media
4. you can hear sound
5. what you want to watch, listen to or write
6. for my extracurricular activities

7. identify the type of file

122. Заповніть пропуски цифрами, які відповідають правильному фрагменту в тексті.

Multimedia is any computer application that integrates text, graphics, animation, video, audio or other methods of communication. Multimedia is different from television, books or cassettes _____. You can click on a word to make a picture appear, or click on a picture to start a video.

Multimedia became more popular after the mid-1990s _____. Then people started using it in industry, business, education, entertainment and for other purposes. Today, we can find multimedia at home, in school, at work, in public places, such as libraries, and on the Internet.

In business, advertisers use virtual reality in multimedia applications _____. Using multimedia for graphs and tables is now the best way for managers to present company results. In industry, pilots learn to fly using multimedia simulations of real situations, and scientists simulate experiments with dangerous chemicals in safety. Publishers are also producing interactive magazines, caned e-zines, and e-books online.

In education, students study interactive CD-ROMs at their own speed and explore topics creatively _____. Teenagers have played computer games for years, but many multimedia applications combine education and entertainment and they let them visit virtual worlds or _____.

1. when the price of hardware began to fall
2. started falling around 1995
3. to advertise their products in three dimensions
4. because it lets you interact with the application
5. by clicking on related links
6. look at it from all sides
7. change the ending of films