Information and communication technologies

Question №1

|  |  |
| --- | --- |
| V1 | Computer networks can be classified by considering which of the following aspect |
| 0 | Local and wide area networks |
| 1 | The functional relationship (Network Architectures) |
| 0 | fault-tolerant features |
| 0 | Media Access Control (MAC) address |
| 0 | Data Link Control (DLC) address |

Question №2

|  |  |
| --- | --- |
| V1 | Which one is a category of Connection method basis |
| 0 | DLC |
| 1 | Wireless LAN |
| 0 | Broadcasts |
| 0 | VoIP phones |
| 0 | Laptops |

Question №3

|  |  |
| --- | --- |
| V1 | The basis of Metropolitan Area Network (MAN) category is a |
| 0 | Node |
| 1 | Scale |
| 0 | Network Topology |
| 0 | Area |
| 0 | Entity |

Question №4

|  |  |
| --- | --- |
| V1 | A personal area network (PAN) a computer network that will be useful in communicating computerizes devices such as |
| 0 | Node and server |
| 1 | Telephones and PDAs |
| 0 | HUB and client |
| 0 | Firewalls and routers |
| 0 | Servers and clients |

Question №5

|  |  |
| --- | --- |
| V1 | A computer network covering a small geographic area, like a home, office, or group of buildings is |
| 0 | Wide Area Network (WAN) |
| 1 | A local area network (LAN) |
| 0 | Security area Network |
| 0 | Mobile handheld devices |
| 0 | Firewalls |

Question№6

|  |  |
| --- | --- |
| V1 | A group of computers and network devices connected across large physical areas such as states or countries is called |
| 0 | The Web Site connection |
| 1 | Wide Area Network (WAN) |
| 0 | Router Area |
| 0 | LAN |
| 0 | Broadcast area |

Question№7

|  |  |
| --- | --- |
| V1 | The largest WAN in existence is |
| 0 | Mozilla |
| 1 | The Internet |
| 0 | Ethernet |
| 0 | Optical fiber |
| 0 | Home PAN |

Question №8

|  |  |
| --- | --- |
| V1 | A network that interconnects users with computer resources in a geographic area or region larger than that covered by a local area network (LAN) but smaller than the area covered by wide area network (WAN) is called |
| 0 | Wireless LAN |
| 1 | Metropolitan Area Network (MAN) |
| 0 | Home PNA |
| 0 | The Internet |
| 0 | Firewall |

Question №9

|  |  |
| --- | --- |
| V1 | Network topology`s category is |
| 0 | Client-server networking |
| 1 | Tree or Hierarchical topology |
| 0 | Peer-to-peer (workgroup) |
| 0 | Ethernet |
| 0 | Personal Area Network (PAN) |

Question№10

|  |  |
| --- | --- |
| V1 | The basis of Active-Networking category is |
| 0 | Scale |
| 1 | Functional Relationship (Architecture) |
| 0 | Network topology |
| 0 | Home PNA |
| 0 | Client-server networking |

Question№11

|  |  |
| --- | --- |
| V1 | Most of the computer viruses are designed to |
| 0 | Help uploading applications |
| 1 | Exploit some kind of an error (security hole) |
| 0 | Not self-replicate |
| 0 | Update installed programs |
| 0 | Improve systems` work |

Question№12

|  |  |
| --- | --- |
| V1 | Which virus runs on computers memory |
| 0 | Multipartite virus |
| 1 | Resident virus |
| 0 | Direct Action Virus |
| 0 | Boots |
| 0 | Worms |

Question №13

|  |  |
| --- | --- |
| V1 | Nonresident viruses are activated |
| 0 | Through the replication of malicious code |
| 1 | When user performs specific activity such as accessing floppy/removable media |
| 0 | Through the storage devices |
| 0 | By executable code found in specific system areas on a disk |
| 0 | Through email account |

Question№14

|  |  |
| --- | --- |
| V1 | Which programs make it possible to automate series of operations so that they are performed as a single action |
| 0 | Anti-virus programs |
| 1 | MACROS |
| 0 | Cleaners |
| 0 | DevOps |
| 0 | Adobe Flash |

Question №15

|  |  |
| --- | --- |
| V1 | The functions of e-mail servers |
| 0 | Provides a way to locate a resource on the web |
| 1 | To accept, forward, deliver, and store messages |
| 0 | Store,relocate |
| 0 | Archive,transmit |
| 0 | Restore , zip |

Question№16

|  |  |
| --- | --- |
| V1 | An e-mail must have a |
| 0 | Address |
| 1 | Username followed by an @ (at sign) which is followed by the domain name with a domain suffix |
| 0 | Server |
| 0 | Recipient |
| 0 | ID |

Question №17

|  |  |
| --- | --- |
| V1 | What is an email client |
| 0 | It is a server of the recipient`s email service |
| 1 | It is a computer program used to access and manage a user's email |
| 0 | It is the location you type your main message |
| 0 | It's a new message |
| 0 | It`s an online e-mail service |

Question №18

|  |  |
| --- | --- |
| V1 | Each domain name represents a unique Web address which is called |
| 0 | An e-mail client |
| 1 | Internet protocol (IP) address |
| 0 | Carbon Copy |
| 0 | Signature |
| 0 | The SMTP Server |

Question №19

|  |  |
| --- | --- |
| V1 | … is an electronic spreadsheet that runs on a personal computer |
| 0 | Microsoft Power point |
| 1 | Microsoft Excel |
| 0 | Microsoft Word |
| 0 | Microsoft Access |
| 0 | Microsoft Publisher |

Question №20

|  |  |
| --- | --- |
| V1 | Which bar does give the user information about: the current worksheet, data the worksheet contains and etc. |
| 0 | The Formula bar |
| 1 | Status bar |
| 0 | The Quick Access toolbar |
| 0 | The Ribbon |
| 0 | The Title bar |

Question №21

|  |  |
| --- | --- |
| V1 | Which command is used to check logical expression in MS Excel |
| 0 | Sum |
| 1 | If statement |
| 0 | Max |
| 0 | Min |
| 0 | Avr |

Question №22

|  |  |
| --- | --- |
| V1 | Microsoft Excel consists of |
| 0 | Rows |
| 1 | Worksheets |
| 0 | Columns |
| 0 | Toolbars |
| 0 | Tabs |

Question №23

|  |  |
| --- | --- |
| V1 | This function is used to add numbers |
| 0 | the MAX |
| 1 | the SUM |
| 0 | the AVR |
| 0 | the MIN |
| 0 | the SIN |

Question №24

|  |  |
| --- | --- |
| V1 | In the MS Excel, a formula begins with … sign. |
| 0 | “/” |
| 1 | “=” |
| 0 | “@” |
| 0 | “\*” |
| 0 | “&” |

Question №25

|  |  |
| --- | --- |
| V1 | MS Excel. The MAX function is |
| 0 | automatically finds a minimum value of numbers |
| 1 | automatically finds a maximum value of numbers |
| 0 | automatically finds an average value of numbers |
| 0 | automatically adds a column of numbers |
| 0 | automatically counts an amount of numbers |

Question №26

|  |  |
| --- | --- |
| V1 | MS Excel. The MIN function is |
| 0 | automatically finds a maximum value of numbers |
| 1 | automatically finds a minimum value of numbers |
| 0 | automatically finds an average value of numbers |
| 0 | automatically adds a column of numbers |
| 0 | automatically counts an amount of numbers |

Question №27

|  |  |
| --- | --- |
| V1 | MS Excel. The Count function is |
| 0 | automatically finds a maximum value of numbers |
| 1 | automatically counts of the number of items in a list |
| 0 | automatically finds an average value of numbers |
| 0 | automatically adds a column of numbers |
| 0 | automatically finds a minimum value of numbers |

Question №28

|  |  |
| --- | --- |
| V1 | MS Excel. What happens by pressing Esc key and clicking anywhere on the worksheet |
| 0 | adds the highlighted diapason |
| 1 | removes the highlighting |
| 0 | appears a new column |
| 0 | appears a new row |
| 0 | finds an average value of numbers |

Question №29

|  |  |
| --- | --- |
| V1 | How many pages does The ribbon contain in MS Excel |
| 0 | 5 |
| 1 | 8 |
| 0 | 10 |
| 0 | 9 |
| 0 | 3 |

Question №30

|  |  |
| --- | --- |
| V1 | Where does Microsoft Excel display the name of the workbook you are currently using. |
| 0 | On the Status bar |
| 1 | On the Title bar |
| 0 | On the ribbon |
| 0 | On the Formula bar |
| 0 | On the Quick Access tool bar |

Question №31

|  |  |
| --- | --- |
| V1 | If the =SUM(C1:C10) function is nested within an =IF() function and value is equal to 10, which expression displays value “Excellent”? |
| 0 | =SUM(IF(C1:C10)=10;”Excellent”;”Bad”) |
| 1 | =IF(SUM(C1:C10)=10;”Excellent”;”Bad”) |
| 0 | =IF(SUM(C10:C1)=10;”Bad’;”Excellent”;”Bad”) |
| 0 | =IF(C1:C10)=10;”Excellent”;”Bad”) |
| 0 | =IF(SUM(C1:C10)=9;”Excellent”;”Bad”) |

Question №32

|  |  |
| --- | --- |
| V1 | How is the combination of a column coordinate and a row coordinate called? |
| 0 | A formula bar |
| 1 | A cell address |
| 0 | A title bar |
| 0 | A worksheet name |
| 0 | Acolumncoordinate |

Question №33

|  |  |
| --- | --- |
| V1 | What does “test!” mean in the following expression: |
| 0 | =IF(test!D11=1;1;0). |
| 1 | The reference to the worksheet ”test” |
| 0 | The name of the workbook |
| 0 | The address of the worksheet |
| 0 | The coordinate of the cell |

Question №34

|  |  |
| --- | --- |
| V1 | Which expression calculates the SUM of the highlighted range (R1:R17) ? |
| 0 | =AVR(R3:R17) |
| 1 | =SUM(R3:R17) |
| 0 | =MAX(R3:R17) |
| 0 | =AUTOSUM(R3:R17) |
| 0 | =SIN(R3:R17) |

Question №35

|  |  |
| --- | --- |
| V1 | Which expression calculates the average of the highlighted range (R18:R20) ? |
| 0 | =AVR(R3:R17) |
| 1 | =AVR(R18:R20) |
| 0 | =AUTOSUM(R3:R17) |
| 0 | =SIN(R3:R17) |
| 0 | =MAX(R3:R17) |

Question №36

|  |  |
| --- | --- |
| V1 | Which expression finds the maximum of the highlighted range (R18:R20) ? |
| 0 | =AVR(R3:R17) |
| 1 | =MAX(R18:R20) |
| 0 | =AUTOSUM(R3:R17) |
| 0 | =SIN(R3:R17) |
| 0 | =MAX(R3:R17) |

Question №37

|  |  |
| --- | --- |
| V1 | Which expression finds the minimum of the highlighted range (R18:R20) ? |
| 0 | =AVR(R3:R17) |
| 1 | =MIN(R18:R20) |
| 0 | =AUTOSUM(R3:R17) |
| 0 | =SIN(R3:R17) |
| 0 | =MIN(R3:R17) |

Question №38

|  |  |
| --- | --- |
| V1 | Each worksheet contains |
| 0 | Records |
| 1 | columns and rows |
| 0 | Numbers |
| 0 | data types |
| 0 | Symbols |

Question №39

|  |  |
| --- | --- |
| V1 | During execution, the application program is stored: |
| 0 | in video memory; |
| 1 | in the operative memory; |
| 0 | in the processor; |
| 0 | on the hard disk; |
| 0 | in ROM. |

Question №40

|  |  |
| --- | --- |
| V1 | Function performed by peripheral devices ... |
| 0 | data storage |
| 1 | input and output of information |
| 0 | information processing |
| 0 | computer control of a given program |
| 0 | program input control |

Question №41

|  |  |
| --- | --- |
| V1 | The server is |
| 0 | network program that conducts a dialogue between one user and another |
| 1 | A powerful computer to which other computers connect |
| 0 | an individual user's computer connected to a public network |
| 0 | standard defining the form of presentation and the method for forwarding the message |
| 0 | network program that does not conduct a dialogue between one user and another |

Question №42

|  |  |
| --- | --- |
| V1 | A hard disk is a device, which provides |
| 0 | input of graphic information; |
| 1 | data storage with random access; |
| 0 | output of alphanumeric and graphic information; |
| 0 | storage of data on laser disks; |
| 0 | to connect computers to the global network. |

Question №43

|  |  |
| --- | --- |
| V1 | Flash drives are devices that provide |
| 0 | output of alphanumeric and graphic information; |
| 1 | data storage with random access; |
| 0 | input of graphic information; |
| 0 | output of alphanumeric and graphic information on the sheet; |
| 0 | input alphanumeric and graphic information. |

Question №44

|  |  |
| --- | --- |
| V1 | The biggest and complex integral microcircuit of the computer |
| 0 | Motherboard |
| 1 | CPU |
| 0 | Network Card |
| 0 | Sound card |
| 0 | Video card |

Question №45

|  |  |
| --- | --- |
| V1 | Device used for transmitting information over telephone lines: |
| 0 | Microphone |
| 1 | Modem |
| 0 | Scanner |
| 0 | network card |
| 0 | Printer |

Question №46

|  |  |
| --- | --- |
| V1 | Any information (text, graphic, sound, etc.) is written to disk in the form: |
| 0 | picture; |
| 1 | digits; |
| 0 | file; |
| 0 | extensions; |
| 0 | mathematical expressions. |

Question №47

|  |  |
| --- | --- |
| V1 | While the operating system is loading there is a |
| 0 | copying operating system files from a floppy disk to a hard disk; |
| 1 | sequential downloading of files from the operating system to the random access memory; |
| 0 | copying operating system files from CD-ROM to hard disk; |
| 0 | copying the contents of RAM to the hard disk; |
| 0 | copying files to the hard disk. |

Question №48

|  |  |
| --- | --- |
| V1 | The function of the operating system does not include: |
| 0 | dialogue with the user |
| 1 | transfer of information to a remote user |
| 0 | input-output and data management |
| 0 | allocation of resources (RAM, cache, processor, etc.) |
| 0 | launching programs for execution |

Question №49

|  |  |
| --- | --- |
| V1 | Translate the number 32 from decimal to binary. |
| 0 | 010010 |
| 1 | 100000 |
| 0 | 100001 |
| 0 | 111111 |
| 0 | 100001 |

Question №50

|  |  |
| --- | --- |
| V1 | Hardware is |
| 0 | one of the components of information technology - hardware |
| 1 | a hard disk inside the system unit |
| 0 | one of the components of information technology - software |
| 0 | CD |
| 0 | reboot program |

Question №51

|  |  |
| --- | --- |
| V1 | Software is |
| 0 | one of the components of information technology - hardware |
| 1 | All programs that installed on a computer |
| 0 | a hard disk inside the system unit |
| 0 | CD |
| 0 | reboot program |

Question №52

|  |  |
| --- | --- |
| V1 | Define the system software |
| 0 | This is the set of programs of the operating system. |
| 1 | This is part of the software used to provide work of PC hardware and work with application programs. |
| 0 | It is a means of creating application programs. |
| 0 | These are standard programs |
| 0 | This is part of the software that serves to solve user tasks. |

Question №53

|  |  |
| --- | --- |
| V1 | Define the application software |
| 0 | This is part of the software needed to develop application programs. |
| 1 | This is part of the software for solving application problems. |
| 0 | This is the set of programs of the operating system |
| 0 | This is a collection of utilities. |
| 0 | This is part of the operating system program |

Question №54

|  |  |
| --- | --- |
| V1 | Utilities are |
| 0 | application programs. |
| 1 | system programs for service purposes. |
| 0 | collection of tools. |
| 0 | resident programs. |
| 0 | used for creating application programs. |

Question №55

|  |  |
| --- | --- |
| V1 | General Application Programs |
| 0 | This is part of the software needed to develop system programs. |
| 1 | These are the programs for solve problems in any area of the PC application. |
| 0 | This is a collection of applications for solving problems in a specific area of a PC application. |
| 0 | Is a collection of programs for service purposes. |
| 0 | This is the main part of the software needed to develop it. |

Question №56

|  |  |
| --- | --- |
| V1 | Anti-virus programs are: |
| 0 | application programs. |
| 1 | system programs. |
| 0 | tools. |
| 0 | programming systems |
| 0 | Utilities |

Question №57

|  |  |
| --- | --- |
| V1 | The software tools are designed for: |
| 0 | creation of application programs. |
| 1 | creation of system and application programs. |
| 0 | creation of system programs. |
| 0 | creating utilities. |
| 0 | programming languages |

Question №58

|  |  |
| --- | --- |
| V1 | The software of the PC includes: |
| 0 | system, problem and application programs. |
| 1 | system, applied, instrumental software. |
| 0 | system and tool software. |
| 0 | applied, problematic and instrumental software. |
| 0 | none |

Question №59

|  |  |
| --- | --- |
| V1 | Windows registry is an example of the following database: |
| 0 | Relational |
| 1 | Hierarchical |
| 0 | object-oriented |
| 0 | Related |
| 0 | Network |

Question №60

|  |  |
| --- | --- |
| V1 | File is |
| 0 | RAM |
| 1 | Named area for storing documents |
| 0 | Microprocessor |
| 0 | Place on the disk in which the file names are stored |
| 0 | Scanner |

Question №61

|  |  |
| --- | --- |
| V1 | A file that loads the drivers of external devices and sets the operating system parameters is represented as |
| 0 | MSDOS.SYS |
| 1 | CONFIG.SYS |
| 0 | AUTOEXEC.BAT |
| 0 | IO.SYS |
| 0 | NORTON COMMANDER |

Question №62

|  |  |
| --- | --- |
| V1 | Define the operating system |
| 0 | It is an application program that allows the user to communicate with a PC. |
| 1 | This is a system program that manages all operations in the PC. |
| 0 | This is a system program for controlling external devices. |
| 0 | This is a tool for developing user programs. |
| 0 | These are devices for controlling external devices. |

Question №63

|  |  |
| --- | --- |
| V1 | Define drivers |
| 0 | These are application programs that serve individual peripheral devices. |
| 1 | These are system programs that serve individual peripheral devices. |
| 0 | These are the tools for developing operating systems. |
| 0 | These are devices for controlling external devices. |
| 0 | These are operating system control devices. |

Question №64

|  |  |
| --- | --- |
| V1 | Catalog (or directory)… |
| 0 | This is a special place in the RAM where user files are stored. |
| 1 | This is a special place on the disk where file names are stored. |
| 0 | This is a system program for controlling external devices. |
| 0 | This is a special place for storing the parameters of the operating system. |
| 0 | This is the hard drive where user files are stored. |

Question №65

|  |  |
| --- | --- |
| V1 | Specify a symbol that combines the name and file type |
| 0 | Colon |
| 1 | Dot |
| 0 | Star |
| 0 | Question mark |
| 0 | Comma |

Question №66

|  |  |
| --- | --- |
| V1 | The file system on the disk has |
| 0 | relational structure. |
| 1 | tree structure. |
| 0 | linear structure. |
| 0 | dynamic structure. |
| 0 | network structure. |

Question №67

|  |  |
| --- | --- |
| V1 | 2 Gigabyte is equal to |
| 0 | 1024 Kilobytes |
| 1 | 2048 Megabytes |
| 0 | 2048 Terabytes |
| 0 | 2048 Bytes |
| 0 | 2000 bits |

Question №68

|  |  |
| --- | --- |
| V1 | A hard disk is divided into tracks which is further subdivided into |
| 0 | Heads |
| 1 | Sectors |
| 0 | Foots |
| 0 | Vectors |
| 0 | Clusters |

Question №69

|  |  |
| --- | --- |
| V1 | The file extension of MS-Power Point document is |
| 0 | .txt |
| 1 | .PPT |
| 0 | doc |
| 0 | .xlsx |
| 0 | . docx |

Question №70

|  |  |
| --- | --- |
| V1 | The file extension of MS-Excel document in Office 2007 is |
| 0 | .txt |
| 1 | .xlsx |
| 0 | doc |
| 0 | .ppt |
| 0 | . docx |

Question №71

|  |  |
| --- | --- |
| V1 | The main function of E-Government |
| 0 | the non-digital interaction among the Government, citizens, and the commercial institutions |
| 1 | the digital interaction among the Government, citizens, and the commercial institutions. |
| 0 | the usual interaction among the Government, citizens, and the commercial institutions. |
| 0 | The computer interaction among the Government |
| 0 | the interaction among citizens, and the commercial institutions. |

Question №72

|  |  |
| --- | --- |
| V1 | E-learning |
| 0 | learning face-to-face |
| 1 | comprises of distributed learning, network or web-based learning |
| 0 | Learning with electronic text |
| 0 | Learning on a computer |
| 0 | Traditional learning |

Question №73

|  |  |
| --- | --- |
| V1 | SMART stands for |
| 0 | Self-Managing Analysis and Regarding Technology |
| 1 | Self-Monitoring Analysis and Reporting Technology |
| 0 | Self-Meaning Analysis and Recording Technology |
| 0 | Safety-Monitoring Analysis and Recording Technology |
| 0 | Same-Monitoring Analysis and Recruitment Technology |

Question №74

|  |  |
| --- | --- |
| V1 | Multimedia Components are |
| 0 | Text, IP address, file size, file name |
| 1 | text, sound, images, animation and video |
| 0 | animation and video |
| 0 | Sound, speech |
| 0 | Graphics, Sound, speech |

Question №75

|  |  |
| --- | --- |
| V1 | Platform-as-a-service (PaaS) refers to |
| 0 | Internet services that supply software applications |
| 1 | cloud computing services that supply an on-demand environment for developing, testing, delivering and managing software applications. |
| 0 | Databases needed for development |
| 0 | software applications over the Internet |
| 0 | other datacenter infrastructure |

Question №76

|  |  |
| --- | --- |
| V1 | The hexadecimal number system consists of the symbols |
| 0 | 0..7 |
| 1 | 0..9,A..F |
| 0 | 0..1 |
| 0 | 0..9 |
| 0 | 0..5, A..F |

Question №77

|  |  |
| --- | --- |
| V1 | What is blog? |
| 0 | Intranet |
| 1 | A personal or corporate website in the form of an online journal |
| 0 | Data storage |
| 0 | A personal or corporate Google search |
| 0 | Online music |

Question №78

|  |  |
| --- | --- |
| V1 | HTML stands for |
| 0 | Hyper Text Managing Links |
| 1 | Hyper Text Markup Language |
| 0 | Hyper Text Manipulating Links |
| 0 | Hyper Text Man[i](http://www.netugc.com/)pulation Language |
| 0 | Hyper Text Management Language |

Question №79

|  |  |
| --- | --- |
| V1 | DNS in internet technology stands for |
| 0 | Dynamic Name System |
| 1 | Domain Name System |
| 0 | Distributed Name System |
| 0 | Digited Name System |
| 0 | Delivered Name system |

Question №80

|  |  |
| --- | --- |
| V1 | The binary number system consists of the following symbols : |
| 0 | 0 ..9 |
| 1 | 0..1 |
| 0 | 0..7 |
| 0 | 0..5 |
| 0 | 0..9; a..f |

Question №81

|  |  |
| --- | --- |
| V1 | The octal number system consists of the following symbols : |
| 0 | 0 .. 1 |
| 1 | 0..7 |
| 0 | 0..9 |
| 0 | 0..5 |
| 0 | 0..9; a..f |

Question №82

|  |  |
| --- | --- |
| V1 | Which one of the following is an example of Operating System? |
| 0 | Microsoft Word |
| 1 | Microsoft Windows |
| 0 | Microsoft Excel |
| 0 | Microsoft Access |
| 0 | Microsoft Power Point |

Question №83

|  |  |
| --- | --- |
| V1 | Which one of the following is not a network device? |
| 0 | Hub |
| 1 | CPU |
| 0 | Router |
| 0 | Switch |
| 0 | bridge |

Question №84

|  |  |
| --- | --- |
| V1 | HTML is basically used to design: |
| 0 | Web-site |
| 1 | Web-page |
| 0 | Graphics |
| 0 | Tables and Frames |
| 0 | Calculations |

Question №85

|  |  |
| --- | --- |
| V1 | Which is the largest unit of storage among the following? |
| 0 | Gigabyte |
| 1 | Terabyte |
| 0 | Megabyte |
| 0 | Kilobyte |
| 0 | Byte |

Question №86

|  |  |
| --- | --- |
| V1 | RAM means: |
| 0 | Rapid Access Memory |
| 1 | Random Access Memory |
| 0 | Rigid Access Memory |
| 0 | Range Access Memory |
| 0 | Revolving Access Memory |

Question №87

|  |  |
| --- | --- |
| V1 | WWW stands for |
| 0 | word wide web |
| 1 | world wide web |
| 0 | weird wide web |
| 0 | who what and where |
| 0 | Wind wild web |

Question №88

|  |  |
| --- | --- |
| V1 | Which of the following is the appropriate definition of a computer? |
| 0 | Computer is a machine that can process information. |
| 1 | Computer is an electronic device that can store, retrieve and process both qualitative and quantitative data quickly and accurately |
| 0 | Computer is an electronic device that can store, retrieve and quickly process only quantitative data. |
| 0 | Computer is a machine that can store, retrieve and process quickly and accurately only qualitative information. |
| 0 | Computer is a car that can store, retrieve and process quickly and accurately only qualitative information. |

Question №89

|  |  |
| --- | --- |
| V1 | ICT stands for : |
| 0 | Inter connected Terminals |
| 1 | Information and Communication Technology |
| 0 | Intera Common Terminology |
| 0 | International Communication Technology |
| 0 | Internet and Communication Technology |

Question №90

|  |  |
| --- | --- |
| V1 | A private cloud can be |
| 0 | logically located on the company’s on-site datacenter. |
| 1 | physically located on the company’s on-site datacenter. |
| 0 | located on the server of the user. |
| 0 | located on my own computer. |
| 0 | located on every |

Question №91

|  |  |
| --- | --- |
| V1 | Types of cloud deployments: |
| 0 | General, common, public |
| 1 | public, private, hybrid |
| 0 | Public, common |
| 0 | Hybrid, common, public |
| 0 | General, middle, security |

Question №92

|  |  |
| --- | --- |
| V1 | One byte equals to |
| 0 | 16 bits |
| 1 | 8 bits |
| 0 | 256 bits |
| 0 | 1024 bits |
| 0 | 1 bit |

Question №93

|  |  |
| --- | --- |
| V1 | Most cloud computing services fall into three broad categories |
| 0 | infrastructure as a cloud, platform as a network and software as a service |
| 1 | infrastructure as a service, platform as a service and software as a service |
| 0 | infrastructure as a provider, platform as a provider and software as a service |
| 0 | infrastructure as a speed, platform as a data and software as a hardware Productivity |
| 0 | infrastructure as a service, platform as a data and software as a Productivity |

Question №94

|  |  |
| --- | --- |
| V1 | Benefits of cloud computing do not include |
| 0 | cost |
| 1 | User feeling |
| 0 | Global scale |
| 0 | Speed |
| 0 | Productivity |

Question №95

|  |  |
| --- | --- |
| V1 | Companies offering these computing services are called |
| 0 | Computer engineering |
| 1 | cloud providers |
| 0 | Cloud workers |
| 0 | Cloud makers |
| 0 | cloud administrators |

Question №96

|  |  |
| --- | --- |
| V1 | The main functions of the operating system include: |
| 0 | Dialogue with the user, creating a computer program. |
| 1 | Dialog with the user, control the resources of the computer, start the program. |
| 0 | Print information by the printer. |
| 0 | Management of computer resources, execution of computer programs. |
| 0 | Copying information from the scanner to the computer, starting the program |

Question №97

|  |  |
| --- | --- |
| V1 | Types of addressing in Excel spreadsheet: |
| 0 | Absolute, mixed, simple. |
| 1 | Absolute, relative, mixed. |
| 0 | Relative, absolute, simple . |
| 0 | Relative, mixed, simple |
| 0 | Absolute, simple, mixed. |

Question №98

|  |  |
| --- | --- |
| V1 | Access. The data representation model is |
| 0 | system of making managerial decisions involving computer. |
| 1 | logical structure stored in the database |
| 0 | diagram |
| 0 | a set of programs for data exchange; |
| 0 | software system for storing, adding, deleting and editing data in a database |

Question №99

|  |  |
| --- | --- |
| V1 | Access. The data representation model is |
| 0 | system of making managerial decisions involving computer. |
| 1 | logical structure stored in the database |
| 0 | diagram |
| 0 | a set of programs for data exchange; |
| 0 | software system for storing, adding, deleting and editing data in a database |

Question №100

|  |  |
| --- | --- |
| V1 | Specify a package that allows you to work with databases ... |
| 0 | MathCAD. |
| 1 | MS Access. |
| 0 | Math Lab. |
| 0 | MS word. |
| 0 | Notepad |

Question №101

|  |  |
| --- | --- |
| V1 | Which one is used to connect tables in MS Access? |
| 0 | Forms |
| 1 | Data scheme |
| 0 | Table |
| 0 | Macros |
| 0 | Record |

Question №102

|  |  |
| --- | --- |
| V1 | MS Access. Specify the field type if the field name is "date of birth" |
| 0 | Text |
| 1 | Date Time |
| 0 | Number |
| 0 | Logical |
| 0 | Currency |

Question №103

|  |  |
| --- | --- |
| V1 | Query in MS Access: |
| 0 | An object in which the developer places controls that accept user actions or serve to enter, display, and modify data in fields |
| 1 | Formalized requirements for sampling data from tables or performing certain actions with data |
| 0 | Displays all the fields of a single entry, it is convenient for entering and editing data. |
| 0 | To enter and edit data. |
| 0 | Represents the macro sequence of the built-in Access language |

Question №104

|  |  |
| --- | --- |
| V1 | The first computers appeared in ... |
| 0 | 1948 |
| 1 | 1946 |
| 0 | 1936 |
| 0 | 1949 |
| 0 | 1951 |

Question №105

|  |  |
| --- | --- |
| V1 | List the main objects of the Access database: |
| 0 | In the Access database, the main objects are tables, queries, macros, and modules. |
| 1 | In the Access database, the main objects are tables, queries, forms, reports, macros, and modules |
| 0 | In the Access database, the main objects are tables, queries, macros, and forms. |
| 0 | In the Access database, the main objects are tables, reports, macros, and modules. |
| 0 | In the Access database, the main objects are tables, queries, forms, reports. |

Question №106

|  |  |
| --- | --- |
| V1 | The average of the contents of the cells from A1 to A10 is calculated by the formula in Excel: |
| 0 | = SIGNAL (A1, A10). |
| 1 | = AVERAGE (A1: A10). |
| 0 | = SUM (A1: A10). |
| 0 | = CP3HA4 (A1; A10) .. |
| 0 | = DA1; A10) |

Question№107

|  |  |
| --- | --- |
| V1 | 1 megabyte is equal to |
| 0 | 8 bytes |
| 1 | 1024 KB |
| 0 | 8 bits |
| 0 | 2 |
| 0 | 1000 KB |

Question№108

|  |  |
| --- | --- |
| V1 | MS Access. Specify the type of the field if the name of the field "number of medicines" |
| 0 | monetary |
| 1 | numerical |
| 0 | textual |
| 0 | logical |
| 0 | memo |

Question№109

|  |  |
| --- | --- |
| V1 | MS Excel. Specify the correct summation formula entry ... |
| 0 | of the sums A1: A10 |
| 1 | = sums (A1: A10) |
| 0 | = sumA1: A10 |
| 0 | sums (A1: A10) |
| 0 | sum (A1: A10) |

Question№110

|  |  |
| --- | --- |
| V1 | Specify which of the following is the "brain" of the computer |
| 0 | CD-R. |
| 1 | Processor. |
| 0 | Monitor. |
| 0 | Keyboard. |
| 0 | RAM. |

Question№111

|  |  |
| --- | --- |
| V1 | The hyperlink allows: |
| 0 | save documents. |
| 1 | move to the place of the bookmark. |
| 0 | view pictures. |
| 0 | archive documents. |
| 0 | create new documents. |

Question№112

|  |  |
| --- | --- |
| V1 | MSAccess. Macros is .... |
| 0 | An object that is a structured description of one action |
| 1 | An object that represents a structured description of several actions that Access Basic must perform |
| 0 | An object that is a structured description of one action that Access Basic must perform |
| 0 | An object that is a structured description of several actions that [Human computer interaction] must perform |
| 0 | An object that is a structured description of one or more actions that Access Basic must perform, and which allows you to break the process into smaller actions |

Question№113

|  |  |
| --- | --- |
| V1 | What does allow web developers to alter the layout and appearance of their web pages |
| 0 | Domain Name System (DNS) |
| 1 | Cascading Style Sheet, CSS |
| 0 | Internet Engineering Task Force (IETF) |
| 0 | HyperText Transfer Protocol (HTTP) |
| 0 | The Internet Archive |

Question №114

|  |  |
| --- | --- |
| V1 | Why are web pages called “hypertext documents” |
| 0 | Because it accepts information through text |
| 1 | Because when you click a word or a picture which is hyper linked you can go to another location |
| 0 | They contain only text |
| 0 | Because it is made for readable manner |
| 0 | Documents are used for storing text |

Question№115

|  |  |
| --- | --- |
| V1 | FTP is commonly used to |
| 0 | Make connection |
| 1 | Transfer Web page files from their creator to the computer |
| 0 | Transmit the information from one place to the other |
| 0 | Download programs |
| 0 | Install applications |

Question №116

|  |  |
| --- | --- |
| V1 | A computer which is capable of receiving the information from the server in the Internet is called a |
| 0 | Server |
| 1 | Client |
| 0 | Domain |
| 0 | Service |
| 0 | Locator |

Question №117

|  |  |
| --- | --- |
| V1 | What is a browser |
| 0 | Set of rules and guidelines for communicating data |
| 1 | A computer software which can be used to view documents on the Internet |
| 0 | Foundation of data communication |
| 0 | Transmission of information from one place to the other |
| 0 | Largest service acquired amongst the services provided by the Interne |

Question №118

|  |  |
| --- | --- |
| V1 | This type of virus can steal information from user`s computers and upload to web sites |
| 0 | Boots |
| 1 | Worms |
| 0 | Resident virus |
| 0 | Polymorphic virus |
| 0 | Multipartite virus |

Question№119

|  |  |
| --- | --- |
| V1 | What is a computer virus |
| 0 | An application |
| 1 | A harmful computer program developed by a person that disrupts operations of a computer in various ways |
| 0 | Type of hardware |
| 0 | MS document |
| 0 | Browser |

Question №120

|  |  |
| --- | --- |
| V1 | What is a router |
| 0 | A device which makes the use of computer technology cost effective |
| 1 | A networking device that forwards packets between networks using information in protocol headers |
| 0 | Devices used to connect end devices to the network |
| 0 | Device attached to the network to obtain human computer interaction |
| 0 | A device used to extend a network so that additional workstations can be attached |

Question №121

|  |  |
| --- | --- |
| V1 | What do connect multiple network segments at the data link layer (layer 2) of the OSI model |
| 0 | Interfaces |
| 1 | Bridges |
| 0 | Security cameras |
| 0 | Network printers |
| 0 | Modems |

Question №122

|  |  |
| --- | --- |
| V1 | An Internet Protocol (IP) address is a |
| 0 | Set of devices which form the interface between the human network and the underlying communication network |
| 1 | Numerical identification (logical address) that is assigned to devices participating in a computer network |
| 0 | Set of devices which obtain protection functions |
| 0 | Numerical identification (logical address) that is assigned to provide network |
| 0 | Set of devices which perform typical tasks for appropriate function of hard disk |

Question №123

|  |  |
| --- | --- |
| V1 | What is the “HUB” |
| 0 | Is a device for providing programs` access |
| 1 | A device used to extend a network so that additional workstations can be attached |
| 0 | A device used to run applications |
| 0 | Type of operating system |
| 0 | Name of the Browser |

Question №124

|  |  |
| --- | --- |
| V1 | What does have several processors rather than just one and may be dedicated to a specific support function |
| 0 | Router |
| 1 | Server |
| 0 | Broadcast |
| 0 | Network |
| 0 | Intermediary device |

Question №125

|  |  |
| --- | --- |
| V1 | The device needed to connect computers to the local network: |
| 0 | TV tuner |
| 1 | Network Card |
| 0 | video card |
| 0 | tire |
| 0 | plume |

Question №126

|  |  |
| --- | --- |
| V1 | The main element of MS Access is |
| 0 | Forms |
| 1 | Table |
| 0 | Field |
| 0 | Macros |
| 0 | Record |

Question№127

|  |  |
| --- | --- |
| V1 | The protocol, domain, directories, and files are all separated by |
| 0 | Periods (.) |
| 1 | Forward slashes( / ) |
| 0 | Commas (,) |
| 0 | Asterisks (\*) |
| 0 | Low lines (\_) |

Question №128

|  |  |
| --- | --- |
| V1 | What are the systems of interconnected computers that share a central storage system and various peripheral devices |
| 0 | Networking |
| 1 | Computer systems |
| 0 | ICloud system |
| 0 | Hardware |
| 0 | Firmware |

Question №129

|  |  |
| --- | --- |
| V1 | Computer programs installed in the computer are called … |
| 0 | Engineering |
| 1 | Software |
| 0 | Hardware |
| 0 | Firmware |
| 0 | Hard disc |

Question №130

|  |  |
| --- | --- |
| V1 | The first technical characteristics of a CPU is a |
| 0 | Diligence |
| 1 | Speed |
| 0 | The accuracy |
| 0 | Reliability |
| 0 | No feeling |

Question №131

|  |  |
| --- | --- |
| V1 | Most common type of computers in the society are … |
| 0 | Minicomputers |
| 1 | Personal computers |
| 0 | Super computers |
| 0 | Mainframes |
| 0 | Double computers |

Question №132

|  |  |
| --- | --- |
| V1 | Which type of computer is capable of handling and processing very large amounts of data quickly |
| 0 | Microcomputers |
| 1 | Mainframes |
| 0 | Minicomputers |
| 0 | Super computers |
| 0 | Double computers |

Question №133

|  |  |
| --- | --- |
| V1 | Which computer is used for performing complex scientific and numerical computations such as weather forecasting, fluid dynamics, and etc. |
| 0 | Microcomputers |
| 1 | Super computers |
| 0 | Mainframes |
| 0 | Minicomputers |
| 0 | Double computers |

Question №134

|  |  |
| --- | --- |
| V1 | Which one defines the physical equipment that is involved in the computer functioning |
| 0 | Software |
| 1 | Hardware |
| 0 | Firmware |
| 0 | Nextware |
| 0 | Hard disc |

Question №135

|  |  |
| --- | --- |
| V1 | The computer hardware is typically divided into four main parts which are |
| 0 | Printers, Xerox, input and output devices |
| 1 | Processing Devices, Memory Devices, Input/, Output Devices |
| 0 | Control Unit (CU) and the Arithmetic and Logic Unit (ALU) |
| 0 | Local, broadband, personal, regional |
| 0 | Printer, plotter, modem, headphones |

Question №136

|  |  |
| --- | --- |
| V1 | A series of instructions that tells a computer how to perform the tasks is called |
| 0 | device |
| 1 | A program |
| 0 | Number |
| 0 | Command |
| 0 | Text |

Question №137

|  |  |
| --- | --- |
| V1 | Any hardware component that allows you to enter data, programs, commands, and user responses into a computer is known as |
| 0 | An output Device |
| 1 | An Input Device |
| 0 | Processing |
| 0 | Power supply |
| 0 | BIOS |

Question №138

|  |  |
| --- | --- |
| V1 | Which device is not classified as an input device |
| 0 | Keyboard |
| 1 | Printer |
| 0 | Trackball |
| 0 | Mouse |
| 0 | Joystick |

Question №139

|  |  |
| --- | --- |
| V1 | How do we call the digital representations of non-text information such as drawings, charts, pictures and photographs |
| 0 | Text |
| 1 | Graphics |
| 0 | sound |
| 0 | number |
| 0 | video |

Question №140

|  |  |
| --- | --- |
| V1 | Music, speech, or any other sound is called |
| 0 | Video |
| 1 | Audio |
| 0 | Text |
| 0 | Graphics |
| 0 | 0..9 |

Question №141

|  |  |
| --- | --- |
| V1 | The number system whose base is 8 is known as |
| 0 | the Hexadecimal number system |
| 1 | the octal number system |
| 0 | the binary number system |
| 0 | the decimal number system |
| 0 | The non octal number system |

Question №142

|  |  |
| --- | --- |
| V1 | What contains the CPU, BIOS, memory, mass storage interfaces, serial/parallel ports, expansion slots, and all the controllers required to control standard peripheral devices |
| 0 | RAM |
| 1 | the motherboard |
| 0 | Control unit |
| 0 | ALU |
| 0 | storage device |

Question №143

|  |  |
| --- | --- |
| V1 | Type of Operating Systems |
| 0 | mini-user mini-task |
| 1 | single-user single-task |
| 0 | mini-user single-task |
| 0 | micro-user single-task |
| 0 | multi-user micro-task |

Question №144

|  |  |
| --- | --- |
| V1 | Single-user single-task OS allows |
| 0 | many applications running at the same time |
| 1 | only one person running only one application at a time |
| 0 | Each user logged on to the system, their workspace and so on |
| 0 | Keep logs of how much processing time and resources they use |
| 0 | Work out the most efficient use of computer processing cycles |

Question №145

|  |  |
| --- | --- |
| V1 | Which option below researches the design and use of computer technology, focused on the interfaces between users and computers |
| 0 | System software |
| 1 | Human–computer interaction |
| 0 | Computer Hardware |
| 0 | Shortcut Icons |
| 0 | Task Bar |

Question №146

|  |  |
| --- | --- |
| V1 | What does Human–computer interaction study in communication |
| 0 | Computer and software |
| 1 | A human and a machine |
| 0 | A computer and Computer systems |
| 0 | User and users |
| 0 | A computer and applications |

Question №147

|  |  |
| --- | --- |
| V1 | In HCI on the human side, there are not considered concepts such as |
| 0 | communication theory |
| 1 | computer graphics |
| 0 | linguistics |
| 0 | social sciences |
| 0 | cognitive psychology |

Question №148

|  |  |
| --- | --- |
| V1 | The main problem of human-computer interaction is how to improve |
| 0 | the reliability of CPU |
| 1 | the usability of computer interfaces |
| 0 | the speed of CPU |
| 0 | The accuracy of computer interfaces |
| 0 | The diligence of computer interfaces |

Question №149

|  |  |
| --- | --- |
| V1 | Which of the followings is used by the user to interact directly with the computer system by typing commands (instructions) in the command line |
| 0 | A Text interface with menus |
| 1 | A Command Line interface |
| 0 | A Graphic userInterface |
| 0 | A Voice user interfaces |
| 0 | A Desktop Interface |

Question №150

|  |  |
| --- | --- |
| V1 | What kind of interface is considered as a visual way of interacting with the computer using the components like windows, icons, labels and etc. |
| 0 | A Text interface with menus |
| 1 | A Graphic interface |
| 0 | A Command Line Interface |
| 0 | A Voice user interfaces |
| 0 | A Desktop Interface |