



BSC : Question of Day(GA/IT) : BSC

Ques. : 1 Which is considered a direct entry input device?

- | | |
|----------------------|----------------|
| 1) Optical scanner | 2) Mouse |
| 3) Light pen | 4) Digitizer |
| 5) All of the above. | Ans.) 5 |

Ques. : 2 The daily processing of corrections to customer accounts best exemplifies the processing mode of:

- | | |
|---------------------------|-------------------------|
| 1) Batch processing | 2) Real-time processing |
| 3) Interactive processing | 4) Multi processing |
| 5) All of the above. | Ans.) 1 |

Ques. : 3 Which is a unit of measurement used with computer systems?

- | | |
|---------------------|----------------|
| 1) Byte | 2) Kilobyte |
| 3) Megabyte | 4) Gigabyte |
| 5) All of the above | Ans.) 5 |

Ques. : 4 A character is represented in EBCDIC by

- | | |
|----------------------|-----------------|
| 1) one bit | 2) four bits |
| 3) eight bits | 4) sixteen bits |
| 5) None of the above | Ans.) 3 |

Ques. : 5 Which is a secondary memory device?

- | | |
|----------------------|----------------|
| 1) CPU | 2) ALU |
| 3) Floppy disk | 4) Mouse |
| 5) None of the above | Ans.) 3 |

Ques. : 6 Which is the computer memory that does not forget?

- | | |
|----------------------|---------------------|
| 1) ROM | 2) RAM |
| 3) PROM | 4) All of the above |
| 5) None of the above | Ans.) 1 |

Ques. : 7 The most common binary code in use today is the 8 bit ASCII code. What do the letters ASCII stand for?

- | | |
|---|---|
| 1) American Standard Code for International Interchange | 2) American Standard Code for Information Interchange |
| 3) American Standard Code for Intelligence interchange | 4) American Scientific Code for Information Interchange |
| 5) None of the above | Ans.) 2 |

Ques. : 8 A computer derives its basic strength from

- | | |
|----------------------|---------------------|
| 1) Speed | 2) Accuracy |
| 3) Memory | 4) all of the above |
| 5) None of the above | Ans.) 4 |

Ques. : 9 A collection of eight bits is called

- | | |
|-----------|---------|
| 1) Byte | 2) Word |
| 3) Record | 4) file |

5) None of the above	Ans.) 1
Ques. : 10 A BIT represents a	
1) Decimal digit	2) Octal digit
3) Binary digit	4) Hexadecimal digit
5) none of these	Ans.) 3
Ques. : 11 Which can read data and convert them to a form that a computer can use?	
1) Logic	2) Storage
3) Control	4) Input device
5) Output device	Ans.) 4
Ques. : 12 Software instruction intended to satisfy a user's specific processing needs are called	
1) System software	2) A microcomputer
3) Documentation	4) Applications software
5) All of the above	Ans.) 4
Ques. : 13 Which of the following is the most powerful type of computer?	
1) Super micro	2) Super conductor
3) Microcomputer	4) Super computer
5) Mega frame	Ans.) 4
Ques. : 14 Which of the following people probably has the least amount of technical knowledge?	
1) Programmer	2) User
3) System analyst	4) Computer operator
5) Computer professional	Ans.) 2
Ques. : 15 The Central Processing Unit (CPU) consists of:	
1) Input, output and processing	2) Control unit, primary storage & secondary storage
3) Control unit, arithmetic-logic unit, primary storage	4) Control unit, processing, and primary storage
5) None of the above	Ans.) 3
Ques. : 16 This is the part of the computer system that one can touch	
1) hardware	2) data
3) software	4) input
5) None of these	Ans.) 1
Ques. : 17 Reusable optical storage will typically have the acronym ____.	
1) CD	2) RW
3) DVD	4) ROM
5) None of these	Ans.) 2
Ques. : 18 The _____ tells the computer how to use its components.	
1) utility	2) network
3) operating system	4) application program
5) None of these	Ans.) 3
Ques. : 19 A(n) _____ is a program that makes the computer easier to use.	
1) application	2) utility
3) network	4) operating system
5) None of these	Ans.) 2

Ques. : 20 The 'Difference Analyzer' was created in the early 1920s by __

- | | |
|------------------|------------------|
| 1) Peter Norton | 2) Douglas Knuth |
| 3) Vannevar Bush | 4) Alan Kay |
| 5) None of these | Ans.) 3 |

Ques. : 21 The most important or powerful computer in a typical network.

- | | |
|-------------------|--------------------|
| 1) desktop | 2) network client |
| 3) network server | 4) network station |
| 5) None of these | Ans.) 3 |

Ques. : 22 To access a mainframe or supercomputer, users often use a ____

- | | |
|------------------|----------------|
| 1) terminal | 2) node |
| 3) desktop | 4) handheld |
| 5) None of these | Ans.) 1 |

Ques. : 23 What data base function allows you to define the data your database is storing?

- | | |
|----------------------|--------------------|
| 1) Definition wizard | 2) Query Function |
| 3) Design view | 4) Data dictionary |
| 5) None of these | Ans.) 4 |

Ques. : 24 If you wanted to tell the database management system that a specific attribute contained numbers only, what would you need to set?

- | | |
|--------------------|--------------------|
| 1) Data category | 2) Data type |
| 3) Data dictionary | 4) Data definition |
| 5) None of these | Ans.) 2 |

Ques. : 25 What key distinctly identifies a record in a database table?

- | | |
|------------------|----------------|
| 1) Main key | 2) Primary key |
| 3) Principal key | 4) Major key |
| 5) None of these | Ans.) 2 |

Ques. : 26 What key links records from one database table to a record or records in another database table?

- | | |
|------------------|------------------|
| 1) Primary key | 2) Principal key |
| 3) Foreign key | 4) Link key |
| 5) None of these | Ans.) 3 |

Ques. : 27 When you link one database table to another database table, what are you creating?

- | | |
|------------------|--------------------------|
| 1) Primary link | 2) Connectivity |
| 3) Relationships | 4) Referential integrity |
| 5) None of these | Ans.) 3 |

Ques. : 28 What would you need to establish if you wanted to insure that the key in one database table was the same as a key in another database table?

- | | |
|--------------------------|---------------------|
| 1) Top-level grouping | 2) Connectivity |
| 3) Referential integrity | 4) Field properties |
| 5) None of these | Ans.) 3 |

Ques. : 29 What database tool would you use to find answers to your questions about data stored in your database?

- | | |
|------------------|----------------|
| 1) Queries | 2) Tables |
| 3) Show | 4) Q&A |
| 5) None of these | Ans.) 1 |

Ques. : 30 When we describe, or define, the categories of information we collect in an Excel worksheet, what type of table are we creating?

- | | |
|-------------------|--------------------|
| 1) Categorization | 2) Classification |
| 3) Explanation | 4) List definition |
| 5) None of these | Ans.) 4 |

Ques. : 31 If you wished to limit what you would see on an Excel worksheet, what data function would you use?

- | | |
|-----------------------|------------------|
| 1) Sort | 2) Filter |
| 3) Conditional format | 4) Data analysis |
| 5) None of these | Ans.) 2 |

Ques. : 32 If you wished to highlight, not hide, some information in a worksheet because it met some criteria, what Excel tool would you use?

- | | |
|-----------------------|----------------|
| 1) Table | 2) Format |
| 3) Conditional Format | 4) Filter |
| 5) None of these | Ans.) 3 |

Ques. : 33 What Excel tool allows you to create quickly and automatically summary data from a large data set?

- | | |
|---------------------------|----------------|
| 1) Conditional formatting | 2) Sorting |
| 3) Pivot tables | 4) Field lists |
| 5) None of these | Ans.) 3 |

Ques. : 34 When creating a custom filter in Excel, which of the following would not be considered a Boolean operator?

- | | |
|------------------|----------------|
| 1) If | 2) And |
| 3) Or | 4) Not |
| 5) None of these | Ans.) 1 |

Ques. : 35 Which of the following is a good habit to get into when creating a worksheet?

- | | |
|--|---|
| 1) Placing titles for columns in the first row of data | 2) Using conditional formatting to spot spelling errors |
| 3) Inserting comments in each cell to define that data or type of data | 4) Grouping records according to some classification |
| 5) None of these | Ans.) 1 |

Ques. : 36 What term is used to describe a collection of information that you can use to build reports or discover facts about an environment?

- | | |
|------------------|----------------|
| 1) Database | 2) Web site |
| 3) Wiki | 4) Relation |
| 5) None of these | Ans.) 1 |

Ques. : 37 Microsoft's Access and Corel's Paradox are both examples of which type of software?

- | | |
|-------------------------------|----------------------------------|
| 1) Network database systems | 2) Relational database systems |
| 3) Flat-file database systems | 4) Hierarchical database systems |
| 5) None of these | Ans.) 2 |

Ques. : 38 What type of graphical model is used to define a database?

- | | |
|-------------------------|----------------------|
| 1) Flowchart | 2) E-R diagram |
| 3) Organizational model | 4) Programming model |
| 5) None of these | Ans.) 2 |

Ques. : 39 After you develop a model for your database, you should then _____ it before building it.

- | | |
|--------------|-----------|
| 1) normalize | 2) design |
|--------------|-----------|

- 3) plan
5) None of these
- 4) approve
Ans.) 1

Ques. : 40 Which of the following contains information about the structure of a database?

- 1) Database management system
3) Data repository
5) None of these
- 2) Data dictionary
4) Data warehouse
Ans.) 2

Ques. : 41 The rules of a language are called its _____.

- 1) structure
3) syntax
5) None of these
- 2) code
4) rigidity
Ans.) 3

Ques. : 42 A language that can be written on one platform and executed on another platform is said to be _____.

- 1) portable
3) third generation
5) None of these
- 2) robust
4) dynamic
Ans.) 1

Ques. : 43 _____ is Microsoft's latest entry into the programming arena.

- 1) Java
3) Visual Basic
5) None of these
- 2) .NET
4) Pascal
Ans.) 2

Ques. : 44 A next-generation Web content development language, _____ typically refers to a suite of technologies that allow developers to store data in a readable format.

- 1) HTML
3) XML
5) None of these
- 2) XSL
4) PHP
Ans.) 3

Ques. : 45 JavaScript was developed by _____ to run inside of web pages.

- 1) Microsoft
3) Oracle
5) None of these
- 2) Sun
4) Netscape
Ans.) 4

Ques. : 46 This technology is used to convert XML into HTML.

- 1) CSS
3) PHP
5) None of these
- 2) XHTML
4) XSL
Ans.) 4

Ques. : 47 The _____ is a special database that holds information about the computer's user, installed programs and hardware devices.

- 1) dynamic link library
3) compiled help module
5) None of these
- 2) initialization file
4) Windows Registry
Ans.) 4

Ques. : 48 A(n) _____ converts all the source code into machine code, creating an executable file.

- 1) linker
3) assembler
5) None of these
- 2) compiler
4) interpreter
Ans.) 2

Ques. : 49 A series of steps that always results in an answer is the definition of _____.

- 1) heuristic
3) algorithm
- 2) flowchart
4) pseudo code

5) None of these **Ans.) 3**

Ques. : 50 The color of an object is an example of a(n) _____.

- | | |
|------------------|------------------|
| 1) attribute | 2) detail |
| 3) listing | 4) specification |
| 5) None of these | Ans.) 1 |

Ques. : 51 A(n) _____ file contains information in an indexed and cross-linked format.

- | | |
|------------------|-------------------|
| 1) executable | 2) initialization |
| 3) help | 4) library |
| 5) None of these | Ans.) 3 |

Ques. : 52 A(n) _____ encapsulates data and functionality.

- | | |
|-----------------------|------------------------|
| 1) structured program | 2) selection statement |
| 3) object | 4) program |
| 5) None of these | Ans.) 2 |

Ques. : 53 _____ are text files containing OS commands.

- | | |
|-------------------------|----------------|
| 1) Initialization files | 2) Batch files |
| 3) Executable files | 4) Help files |
| 5) None of these | Ans.) 2 |

Ques. : 54 The _____ prevents unlawful access to voice communications by wire.

- | | |
|--|-------------------------------|
| 1) Electronic Communications Privacy Act | 2) Freedom of Information Act |
| 3) USA Patriot Act | 4) Privacy Act of 1974 |
| 5) None of these | Ans.) 1 |

Ques. : 55 Which of the following will not protect you from spam?

- | | |
|------------------|-----------------|
| 1) spam blockers | 2) e-mail rules |
| 3) popup blocker | 4) filters |
| 5) None of these | Ans.) 3 |

Ques. : 56 A _____'s main purpose is to prohibit unauthorized access to your computer via the Internet.

- | | |
|--------------------|------------------|
| 1) popup blocker | 2) firewall |
| 3) spyware blocker | 4) spam assassin |
| 5) restore file | Ans.) 2 |

Ques. : 57 To read the system messages and warnings, access the _____ in Windows.

- | | |
|-------------------|-------------------|
| 1) system manager | 2) control panel |
| 3) event viewer | 4) message screen |
| 5) None of these | Ans.) 3 |

Ques. : 58 To create a copy of files in the event of system failure, you create a _____.

- | | |
|------------------|----------------|
| 1) restore file | 2) backup |
| 3) firewall | 4) redundancy |
| 5) None of these | Ans.) 2 |

Ques. : 59 If configured correctly, the _____ will prevent interaction with your computer after a specified time period.

- | | |
|-----------------|------------------|
| 1) firewall | 2) filter |
| 3) screen saver | 4) popup blocker |
| 5) virus | Ans.) 3 |

Ques. : 60 To recover files from a backup, you perform a _____.

- | | |
|------------------|----------------|
| 1) restore | 2) scan |
| 3) unerase | 4) copy |
| 5) None of these | Ans.) 1 |

Ques. : 61 A _____ is anything that can cause harm.

- | | |
|---------------------|----------------|
| 1) vulnerability | 2) phish |
| 3) Threat | 4) spoof |
| 5) All of the above | Ans.) 3 |

Ques. : 62 In the right setting a thief will steal your information by simply watching what you type.

- | | |
|-----------------------|---------------------|
| 1) snagging | 2) spying |
| 3) social engineering | 4) shoulder surfing |
| 5) None of these | Ans.) 4 |

Ques. : 63 ----- A hacker contacts you my phone or email and attempts to acquire your password

- | | |
|------------------|----------------|
| 1) spoofing | 2) phishing |
| 3) spamming | 4) bugging |
| 5) None of these | Ans.) 2 |

Ques. : 64 This power protection device includes a battery that provides a few minutes of power.

- | | |
|---------------------|---------------------|
| 1) surge suppressor | 2) line conditioner |
| 3) generator | 4) UPS |
| 5) None of these | Ans.) 4 |

Ques. : 65 A hacker that changes or forges information in an electronic resource, is engaging in _____.

- | | |
|----------------------|------------------|
| 1) denial of service | 2) sniffing |
| 3) terrorism | 4) data diddling |
| 5) None of these | Ans.) 4 |

Ques. : 66 The _____ of a threat measures its potential impact on a system

- | | |
|--------------------|--------------------|
| 1) vulnerabilities | 2) countermeasures |
| 3) degree of harm | 4) susceptibility |
| 5) none of these | Ans.) 3 |

Ques. : 67 Which of the following identifies a specific web page and its computer on the Web?

- | | |
|-----------------|---------------------|
| 1) Web site | 2) Web site address |
| 3) URL | 4) Domain Name |
| 5) All of above | Ans.) 4 |

Ques. : 68 Software, such as Explorer and Firefox, are referred to as _____.

- | | |
|---------------------|---------------------|
| 1) Systems software | 2) Utility software |
| 3) Browsers | 4) Internet tools |
| 5) None of these | Ans.) 3 |

Ques. : 69 Which following ISP is free?

- | | |
|------------------|----------------|
| 1) CompuServe | 2) AOL |
| 3) NetZero | 4) MSN |
| 5) None of these | Ans.) 3 |

Ques. : 70 When internet data leaves your campus, it normally goes to a(n) _____ before moving toward its destination.

- | | |
|----------------------|-------------------------|
| 1) Internet backbone | 2) Network access point |
| 3) Base station | 4) Communication system |
| 5) None of these | Ans.) 2 |

Ques. : 71 MCI and AT&T are examples of which of the following?

- | | |
|-------------------------------|---------------------------|
| 1) Social networks | 2) Communications systems |
| 3) Internet service providers | 4) Mobisodes |
| 5) None of these | Ans.) 3 |

Ques. : 72 What type of telecommunications hardware allows you to access the web?

- | | |
|-----------------|----------------|
| 1) Browser | 2) Modem |
| 3) FTP protocol | 4) IRC |
| 5) All of above | Ans.) 2 |

Ques. : 73 E-mail addresses separate the user name from the ISP using the _____ symbol

- | | |
|------------------|----------------|
| 1) & | 2) @ |
| 3) % | 4) * |
| 5) None of these | Ans.) 2 |

Ques. : 74 The mail server as defined in the text uses the _____ protocol

- | | |
|-----------------|----------------|
| 1) HTTP | 2) FTP |
| 3) POP | 4) SMTP |
| 5) All of above | Ans.) 3 |

Ques. : 75 When sending an e-mail, the _____ line describes the contents of the message.

- | | |
|-----------------|----------------|
| 1) to | 2) subject |
| 3) contents | 4) CC |
| 5) All of above | Ans.) 2 |

Ques. : 76 Unsolicited commercial email is commonly known as _____.

- | | |
|-----------------|----------------|
| 1) junk | 2) hoaxes |
| 3) spam | 4) hypertext |
| 5) All of above | Ans.) 3 |

Ques. : 77 News servers utilize _____ to distribute documents to readers.

- | | |
|------------------|----------------|
| 1) NNTP | 2) NEWS |
| 3) HTTP | 4) FTP |
| 5) None of these | Ans.) 1 |

Ques. : 78 Discussion groups may have a _____ who monitors the postings and enforces the site's rules.

- | | |
|------------------|----------------|
| 1) judge | 2) sysop |
| 3) narrator | 4) censor |
| 5) None of these | Ans.) 2 |

Ques. : 79 A message with replies on a newsgroup is often called a _____.

- | | |
|-----------------|----------------|
| 1) post | 2) list |
| 3) thread | 4) comment |
| 5) All of above | Ans.) 3 |

Ques. : 80 The Internet was originally a project for this government agency.

- | | |
|---------|--------|
| 1) ARPA | 2) NSF |
| 3) NSA | 4) FCC |

5) None of these

Ans.) 1**Ques. : 81** A word in a web page that, when clicked, opens another document.

1) anchor

2) URL

3) Hyperlink

4) reference

5) All of above

Ans.) 3**Ques. : 82** A network's _____ is the central structure that connects other portions of the network.

1) trunk

2) backbone

3) protocol

4) server

5) None of these

Ans.) 2**Ques. : 83** _____ is the protocol that supports linking from one web page to another page.

1) HTML

2) IP

3) HTTP

4) FTP

5) All of above

Ans.) 3**Ques. : 84** You can organize your bookmarks using _____.

1) structures

2) containers

3) folders

4) menus

5) None of these

Ans.) 3**Ques. : 85** The browser's _____ keeps a list of web pages you have visited during the current session.

1) history

2) cache

3) favorites

4) trail

5) All of the above

Ans.) 1**Ques. : 86** A _____ organizes the web into categories.

1) search engine

2) encyclopedia

3) archive

4) directory

5) None of these

Ans.) 4**Ques. : 87** To match all of the words in your search, the Boolean _____ operator should be used.

1) and

2) or

3) xor

4) both

5) All of above

Ans.) 1**Ques. : 88** What type of accountants may recommend controls for an organization's computer systems?

1) Environment accountant

2) Internal accountant

3) Government accountant

4) Public accountant

5) All of above

Ans.) 2**Ques. : 89** Which IT area is well-established in Accounting?

1) Multimedia systems

2) Web development

3) Statistical analysis

4) Accounting Information Systems

5) None of these

Ans.) 4**Ques. : 90** How do accountants quickly research new government rules and regulations?

1) With an internal database management systems

2) Through the Web

3) With an external database management systems

4) Through organizational network systems

5) All of above	Ans.) 2
Ques. : 91 Which computer virus records every movement you make on your computer?	
1) Malware Android	2) Key logger
3) DoS	4) Trapper
5) None of these	Ans.) 2
Ques. : 92 What program would you use to gain administrative rights to someone's computer?	
1) Bot	2) Executive Android
3) Rootkit	4) Trojan horse
5) none of these	Ans.) 3
Ques. : 93 A remote control that is used to turn on or off some machine is also called a(n) _____.	
1) class	2) interface
3) message	4) instance
5) None of these	Ans.) 2
Ques. : 94 In a student grading system, Student Last Name, Student Address, and Final Course Grade would all be classified as what?	
1) Inheritance	2) Information
3) Encapsulation	4) Polymorphism
5) none of these	Ans.) 2
Ques. : 95 What part of object-oriented technology defines superclass and subclass relationships?	
1) Inheritance	2) Scalability
3) Encapsulation	4) Polymorphism
5) All of above	Ans.) 1
Ques. : 96 When an object has many forms, it has _____.	
1) Inheritance	2) Scalability
3) Encapsulation	4) Polymorphism
5) None of these	Ans.) 4
Ques. : 97 What programming language model is organized around "objects" rather than "actions"?	
1) Java	2) OOB
3) Perl	4) C++
5) All of above	Ans.) 2
Ques. : 98 What are the instructions called that tell a system what, how, and when to do something?	
1) Object-oriented technology approach	2) Object-oriented database
3) Program	4) Database management
5) None of these	Ans.) 3
Ques. : 99 What common technique attempts to save time and energy by reducing redundant work in object-oriented programming?	
1) Reduce lines of programming	2) Reuse of code
3) Reduce size of systems being developed	4) Merging different systems together
5) All of above	Ans.) 2
Ques. : 100 What kind of programming language is Java?	
1) Object-oriented programming language	2) Relational programming language
3) Sixth-generation programming language	4) Database management programming language

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5) None of these	Ans.) 1
Ques. : 101 What type of internet technology sends information to you without you requesting that information?	
1) F2b2C	2) Infoware
3) Push	4) Wiki
5) None of these	Ans.) 3
Ques. : 102 What is the second generation of the Web called?	
1) New web	2) Emerging space
3) Second life	4) Web 2.0
5) None of these	Ans.) 4
Ques. : 103 What type of web technology allows its community members to continuously change the contents on a web site?	
1) Intelligent bots	2) Social networks
3) Wiki	4) Blog
5) None of these	Ans.) 3
Ques. : 104 What type of web technology provides news that can automatically download right to your desktop?	
1) Social network	2) RSS feed
3) Podcast	4) Wiki
5) None of these	Ans.) 2
Ques. : 105 What type of web technology creates an online community where people can make statements and others can read and respond to those statements?	
1) I-Journal	2) Podcast
3) ASP	4) Blog
5) None of these	Ans.) 4
Ques. : 106 What type of technology allows you to verbally speak with someone over the Internet?	
1) Wiki	2) Social network
3) Ephone	4) VoIP
5) None of these	Ans.) 4
Ques. : 107 What kind of environment is Facebook or MySpace part of?	
1) Wiki	2) Blog
3) Social networking	4) VoIP
5) None of these	Ans.) 3
Ques. : 108 What term refers to living life through technology?	
1) Virtual living	2) E-living
3) Virtual space	4) E-Society
5) All of above	Ans.) 4
Ques. : 109 What 3-D environment allows you to speak to someone who is far away but, at the same time, see them as a holographic image?	
1) CAVE	2) Virtual space
3) E-space	4) VoIP
5) All of above	Ans.) 1
Ques. : 110 What type of technology allows you to use your finger, eye, or voice print to secure your information resources?	

- | | |
|-----------------|----------------|
| 1) Haptics | 2) Caves |
| 3) Biometrics | 4) RFID |
| 5) All of above | Ans.) 3 |

Ques. : 111 In reference to your ethical structure, how much do you identify with the person or persons who will receive the benefit or suffer the harm is called which of the following?

- | | |
|-------------------------|----------------------|
| 1) Consequences | 2) Relatedness |
| 3) Likelihood of effect | 4) Society's opinion |
| 5) none of these | Ans.) 2 |

Ques. : 112 Which tracking program records every keystroke you make on the computer?

- | | |
|------------------|----------------------|
| 1) ITrack/ULead | 2) eFollow |
| 3) Key logger | 4) Stalking software |
| 5) none of these | Ans.) 3 |

Ques. : 113 What is a common medium used for thieves to steal others' identities?

- | | |
|------------------|-------------------|
| 1) Telephone | 2) Pick pocketing |
| 3) Burglary | 4) Email |
| 5) none of these | Ans.) 4 |

Ques. : 114 What is it called when you are rerouted from your requested internet site to another, undesired site?

- | | |
|------------------|----------------|
| 1) Phishing | 2) Pharming |
| 3) Redirecting | 4) Hijacking |
| 5) None of these | Ans.) 2 |

Ques. : 115 What is the term that refers to an ad hidden inside software that you downloaded from an internet site?

- | | |
|------------------|----------------|
| 1) Spam | 2) Phish |
| 3) Cookie | 4) Adware |
| 5) None of these | Ans.) 4 |

Ques. : 116 What type of monitoring file is commonly used on and accepted from Internet sites?

- | | |
|------------------|----------------|
| 1) Phishes | 2) Smartware |
| 3) Cookies | 4) Trojans |
| 5) None of these | Ans.) 3 |

Ques. : 117 Ideally, your sense of what is ethical should tell you which of the following?

- | | |
|------------------|--------------------|
| 1) What to do | 2) Who to do it to |
| 3) When to do it | 4) Where to do it |
| 5) None of these | Ans.) 1 |

Ques. : 118 What type of software secretly collects information about you and your internet habits?

- | | |
|------------------|----------------|
| 1) Detectware | 2) Spam |
| 3) Spyware | 4) Pharming |
| 5) All the above | Ans.) 3 |

Ques. : 119 In an educational setting, instructors have access to and use a whole host of copyrighted materials. What allows these individuals to make use of these materials?

- | | |
|-------------------------------|-----------------------------|
| 1) Patent laws | 2) Fair Use Doctrine |
| 3) Intellectual property laws | 4) Higher educational board |
| 5) All the above | Ans.) 2 |

Ques. : 120 What type of information systems environment reuses self-contained blocks of code in its systems?

- | | |
|--------------------|-----------------------|
| 1) Modular systems | 2) Block based coding |
|--------------------|-----------------------|

- 3) Component programming
5) None of these
- 4) Service-oriented architecture
Ans.) 4

Ques. : 121 What term refers to the structure, and substructures, of an organization's information systems?

- 1) Subsystems
3) IT Configurations
5) None of these
- 2) System formations
4) Infrastructure
Ans.) 4

Ques. : 122 When two or more computers are able to share information, what is this called?

- 1) Shared systems
3) Information interchange
5) All the above
- 2) Interoperability
4) Data exchange
Ans.) 2

Ques. : 123 When there is little or no exchange of information within an organization's information systems, we say that the systems are _____.

- 1) independent
3) self-sufficient
5) None of these
- 2) autonomous
4) decentralized
Ans.) 4

Ques. : 124 When information and processing is spread throughout the organization via a network, we say the systems are _____.

- 1) dependent
3) distributed
5) All the above
- 2) reliant
4) self-supporting
Ans.) 3

Ques. : 125 When one computer provides services to another computer, the environment is a(n) _____ infrastructure.

- 1) Client/server
3) reliant
5) None of these
- 2) dependent
4) independent
Ans.) 1

Ques. : 126 What type of infrastructure are most enterprise applications employing?

- 1) Network
3) Complex
5) None of these
- 2) Distributed
4) Tiered
Ans.) 4

Ques. : 127 When you continuously measure yourself against your peers, you are employing _____.

- 1) benchmarking
3) stability
5) All the above
- 2) balancing
4) reliability
Ans.) 1

Ques. : 128 In a service-oriented architecture (SoA) philosophy, RAD and XP development methodologies focus on which of the following?

- 1) Customers
3) Software development
5) None of these
- 2) Information needs
4) End users
Ans.) 3

Ques. : 129 What plan describes the details for recovery when a disaster hits an organization?

- 1) Disaster diagram
3) Recovery plan
5) All the above
- 2) Disaster and revival plan
4) Business continuity plan
Ans.) 4

Ques. : 130 What type of information systems environment reuses self-contained blocks of code in its systems?

- 1) Modular systems
2) Block based coding

- 3) Component programming
5) All the above
- 4) Service-oriented architecture
Ans.) 4

Ques. : 131 What is the structured approach called for developing software and information systems?

- 1) Software design
3) Systems development life cycle
5) None of these
- 2) Prototyping
4) Systems methodology
Ans.) 3

Ques. : 132 Who is the person who typically manages the software development project?

- 1) Software engineer
3) IT manager
5) All the above
- 2) Project manager
4) Technology director
Ans.) 2

Ques. : 133 . In which phase of the software design and development project would you try to understand the proposed project?

- 1) Planning phase
3) Requirements phase
5) None of these
- 2) Initial phase
4) Analysis phase
Ans.) 4

Ques. : 134 In which phase of the software design and development project would you build a blueprint of the proposed system?

- 1) Analysis phase
3) Requirements phase
5) All the above
- 2) Design phase
4) Development phase
Ans.) 2

Ques. : 135 . In which phase of the software design and development project would you build the proposed system?

- 1) Design phase
3) Development phase
5) All the above
- 2) Requirements phase
4) Implementation phase
Ans.) 3

Ques. : 136 What type of commerce is enabled by technology?

- 1) Path-to-profitability
3) EBuy
5) None of these
- 2) E-commerce
4) Internet
Ans.) 2

Ques. : 137 Huggies baby diapers is an example of which type of product?

- 1) 1. Commodity-like
3) Speciality
5) None of these
- 2) Convenience
4) Essential
Ans.) 1

Ques. : 138 What term is used when the government employs technology to deal with citizens, businesses, and other government agencies?

- 1) G2BC
3) consumer
5) None of these
- 2) web
4) E-government
Ans.) 4

Ques. : 139 What group of individuals is Webkinz is designed for?

- 1) Screenager
3) Pre-screenager
5) None of these
- 2) Digital immigrant
4) Digital native
Ans.) 3

Ques. : 140 What term refers to the small web page that opens automatically with an ad when you visit some web sites?

- 1) Marketing page
3) Affiliate ad
5) None of these
- 2) I-ad
4) Pop-up ad
Ans.) 4

Ques. : 141 When two companies are linked together by computers and they send business transactions through these computers, they are probably using _____.

- 1) Digital wallets
3) B2C
5) None of these.
- 2) Electronic data interchange
4) Smart cards
Ans.) 2

Ques. : 142 What type of technology scrambles the contents of files sent via the Internet?

- 1) Encryption
3) Cryptogram
5) None of these
- 2) Secured data interchange
4) Regulated code
Ans.) 1

Ques. : 143 What type of Web technology creates a secure and private connection between two computers?

- 1) Secure socket layers
3) Internet-locked connections
5) None of these
- 2) Encryption
4) Sheltered web sites
Ans.) 1

Ques. : 144 What term refers to your ability to connect to the internet and your company from a wireless device?

- 1) Net services
3) Pull technology
5) None of these
- 2) Push technology
4) Mobile computing
Ans.) 4

Ques. : 145 What age group was born after the digital revolution?

- 1) Digital natives
3) Digital boomers
5) None of these
- 2) Digital immigrants
4) Web kids
Ans.) 1

Ques. : 146 Which of the following systems helps you with making a decision about a non-structured problem?

- 1) Artificial intelligence
3) Genetic algorithm
5) None of these
- 2) Neural network
4) Decision support system
Ans.) 4

Ques. : 147 Which of the following systems would be used for geocaching?

- 1) Neural network
3) Intelligent agent
5) None of these
- 2) Genetic algorithm
4) Geographical information system
Ans.) 4

Ques. : 148 Which of the following systems mimics human thinking?

- 1) Artificial intelligence
3) Bot
5) All the above
- 2) Intelligent agent
4) Database management system
Ans.) 1

Ques. : 149 Which AI system provides a diagnosis to a specific problem?

- 1) Intelligent agent
3) Geographical information system
5) None of these
- 2) Expert system
4) Data mining system
Ans.) 2

Ques. : 150 Which AI system finds and identifies patterns; for instance; in the words you use?

- 1) Expert system
2) Intelligent system

- 3) Neural network
5) None of these
- 4) Fuzzy logic
Ans.) 3

Ques. : 151 Generally, AI systems analyze imprecise and subjective information. This information is called ____.

- 1) Blurred data
3) Fuzzy logic
5) None of these
- 2) Inclusive information
4) Dirty data
Ans.) 3

Ques. : 152 Which AI system will work for you to find information on the internet?

- 1) Intelligent agent
3) Genetic algorithm
5) None of these
- 2) Neural network
4) Expert system
Ans.) 1

Ques. : 153 Which AI system will continue to analyze a problem until it finds the best solution?

- 1) Genetic algorithm
3) Intelligent agent
5) All the above
- 2) Neural network
4) Expert system
Ans.) 1

Ques. : 154 Which Intelligent Agent will monitor systems and report back to you when there is a problem?

- 1) Shopping bot
3) Information agent
5) All the above
- 2) Buyer agent
4) Predictive agent
Ans.) 4

Ques. : 155 Which Intelligent Agent can play an Internet game on your behalf?

- 1) Information agent
3) Predictive agent
5) None of these
- 2) User agent
4) Game agent
Ans.) 2

Ques. : 156 Which type of database stores data in two-dimensional tables?

- 1) Network
3) Table
5) None of these
- 2) Hierarchical
4) Relational
Ans.) 4

Ques. : 157 What part of the database stores information about the data?

- 1) Data dictionary
3) Data warehouse
5) All the above
- 2) Data depository
4) Administrative data systems
Ans.) 1

Ques. : 158 What database key uniquely identifies a record within a table?

- 1) Primary key
3) Secondary key
5) None of these
- 2) Foreign key
4) Relational key
Ans.) 1

Ques. : 159 What database key links one table to another?

- 1) Primary key
3) Secondary key
5) None of these
- 2) Foreign key
4) Relational key
Ans.) 2

Ques. : 160 What are the rules called that limit how data is entered into a database?

- 1) Data restrictions
3) Constraints
5) None of these
- 2) Controls
4) Database checks
Ans.) 3

Ques. : 161 What do you create when you need to pose a question to the database?

- | | |
|------------------|----------------|
| 1) Inquiry | 2) Rule |
| 3) Question | 4) Query |
| 5) none of these | Ans.) 4 |

Ques. : 162 What type of a database is multidimensional, providing layers to tables?

- | | |
|---------------------|-------------------|
| 1) Multidimensional | 2) Network |
| 3) Hierarchical | 4) Data warehouse |
| 5) all of above | Ans.) 4 |

Ques. : 163 Which of the following is a subset of a data warehouse?

- | | |
|------------------------|----------------|
| 1) Relational database | 2) OLAP |
| 3) Intelligent Agent | 4) Data mart |
| 5) None of these | Ans.) 4 |

Ques. : 164 Which function in an organization plans for information resources?

- | | |
|-------------------------|----------------------------|
| 1) Data administration | 2) Database administration |
| 3) Knowledge Management | 4) Information Management |
| 5) None of these | Ans.) 1 |

Ques. : 165 Which function in an organization manages information resources?

- | | |
|-------------------------|----------------------------|
| 1) Data administration | 2) Database administration |
| 3) Knowledge Management | 4) Information Management |
| 5) None of these | Ans.) 2 |

Ques. : 166 What type of system tracks inventory and related business processes across departments and companies?

- | | |
|----------------------------------|------------------------------------|
| 1) Strategic information systems | 2) Data processing systems |
| 3) Inventory management systems | 4) Supply chain management systems |
| 5) none of these | Ans.) 4 |

Ques. : 167 What type of system tracks and analyzes transactions made by customers?

- | | |
|---|---------------------------|
| 1) Decision support systems | 2) Tactical systems |
| 3) Customer relationship management systems | 4) Knowledge base systems |
| 5) None of these | Ans.) 3 |

Ques. : 168 What type of system tracks and analyzes all of the activities in the sales process?

- | | |
|-----------------------------------|-------------------------------------|
| 1) Customer information systems | 2) Decision support systems |
| 3) Sales force automation systems | 4) Sales process management systems |
| 5) None of these | Ans.) 3 |

Ques. : 169 What terms is used to identify technology that is used to support many people working together on one project?

- | | |
|----------------------|-------------------------|
| 1) E-collaboration | 2) I-technology |
| 3) Social networking | 4) Knowledge management |
| 5) None of these | Ans.) 1 |

Ques. : 170 What term is used to identify people coming together from various geographical locations to complete some task?

- | | |
|----------------------|---------------------|
| 1) I-team | 2) Virtual team |
| 3) Online work group | 4) Distributed team |
| 5) None of these | Ans.) 2 |

Ques. : 171 What type of Web site allows visitors to create and maintain information posted on its site?

- | | |
|---------------------------------|----------------|
| 1) Open source site | 2) Wiki |
| 3) Knowledge construction sites | 4) FTP site |
| 5) None of these | Ans.) 2 |

Ques. : 172 Which person oversees an organization's entire information system?

- | | |
|------------------|----------------|
| 1) CTO | 2) CSO |
| 3) CIO | 4) CPO |
| 5) None of these | Ans.) 3 |

Ques. : 173 Which type of system includes all technology systems and software across an organization?

- | | |
|--|--|
| 1) Which type of system includes all technology systems and software across an organization? | 2) Which type of system includes all technology systems and software across an organization? |
| 3) Which type of system includes all technology systems and software across an organization? | 4) Management information systems |
| 5) Non of these | Ans.) 3 |

Ques. : 174 What is the term used to depict aged information systems that are technologically out-of-date?

- | | |
|---------------------------------|-------------------------------|
| 1) Outdated information systems | 2) Obsolete systems |
| 3) Archaic systems | 4) Legacy information systems |
| 5) Non of these | Ans.) 4 |

Ques. : 175 Which of the following ERP providers specialize in providing financial management, distribution, manufacturing, project accounting, human resource management, and business analytics to small-to-medium businesses?

- | | |
|-----------------|----------------------|
| 1) SAP | 2) Oracle/PeopleSoft |
| 3) SSA Global | 4) Microsoft |
| 5) Non of these | Ans.) 4 |

Ques. : 176 Which information attribute would last month's electrical bill be classified as?

- | | |
|-----------------|----------------|
| 1) Space | 2) Form |
| 3) Location | 4) Time |
| 5) Non of these | Ans.) 4 |

Ques. : 177 Which of the following terms is used to describe the computer-based tools used by people in an organization to support their information processing needs?

- | | |
|---------------------------|-------------------|
| 1) Information Technology | 2) User Systems |
| 3) Artifacts | 4) Computer Tools |
| 5) Non of these | Ans.) 1 |

Ques. : 178 Which term refers to the extent of detail provided in information? For instance, some information may provide summary information while others may provide a great amount of detail.

- | | |
|----------------------------|-------------------|
| 1) Information Depth | 2) Aggregate Data |
| 3) Information Granularity | 4) Data Detail |
| 5) None of these | Ans.) 3 |

Ques. : 179 Which of the following is included in the organizational perspective of information?

- | | |
|------------------|----------------|
| 1) Time | 2) Flow |
| 3) Process | 4) Form |
| 5) None of these | Ans.) 2 |

Ques. : 180 Which type of technology allows you to send information from one computer to another?

- | | |
|-----------|----------------------|
| 1) Output | 2) Telecommunication |
|-----------|----------------------|

- 3) Connecting
5) None of these
- 4) CPU
Ans.) 2

Ques. : 181 Which organizational layer is responsible for developing the goals and strategies as outlined by the top-most level of management?

- 1) Tactical management
3) Operational management
5) None of these
- 2) Strategic management
4) Nonmanagement employees
Ans.) 2

Ques. : 182 Which of the following is collective information about customers, competitors, business partners, competitive environments, and internal operations?

- 1) Aggregate Data
3) Business Intelligence (BI)
5) None of these
- 2) External Knowledge
4) Information Granularity
Ans.) 3

Ques. : 183 What term is used to describe information coming into a computer that is in bad form, or is incorrect, and will improperly affect the decision-making process?

- 1) GIGO
3) Dirty information
5) None of these
- 2) Tainted data
4) Scrubbed data
Ans.) 1

Ques. : 184 Which type of worker knows how and when to apply technology?

- 1) Computer scientist
3) Technology analyst
5) None of these
- 2) Technology-literate knowledge worker
4) Computer savvy
Ans.) 2

Ques. : 185 Which type of software coordinates the interaction of technology devices?

- 1) Application software
3) RAM
5) None of these
- 2) Utility software
4) Systems software
Ans.) 4

Ques. : 186 When developers start to acquire equipment or software, the _____ stage of the SDLC has been reached.

- 1) development
3) implementation
5) None of these
- 2) design
4) needs analysis
Ans.) 1

Ques. : 187 A _____ implementation will involve employees utilizing one part at a time.

- 1) parallel
3) phased
5) None of these
- 2) direc
4) pilot
Ans.) 3

Ques. : 188 Adding new features is typically performed during the _____ phase.

- 1) implementation
3) development
5) all of the above
- 2) needs analysis
4) maintenance
Ans.) 4

Ques. : 189 The intensity and the level of commitment required in the first _____ phases of RAD are expected to shorten the entire development process.

- 1) two
3) five
5) one
- 2) three
4) six
Ans.) 1

Ques. : 190 The intensity and the level of commitment required in the first _____ phases of RAD are expected to shorten the entire development process.

- | | |
|---------|----------------|
| 1) two | 2) three |
| 3) five | 4) six |
| 5) one | Ans.) 1 |

Ques. : 191 Senior managers but not end users participate during the _____ sessions for RAD.

- | | |
|------------------------------|------------------------------------|
| 1) needs analysis | 2) joint requirements planning |
| 3) joint applications design | 4) object oriented system analysis |
| 5) none of these | Ans.) 2 |

Ques. : 192 Analyzing the current system is performed during the _____ phase.

- | | |
|-------------------|-------------------|
| 1) development | 2) design |
| 3) implementation | 4) needs analysis |
| 5) None of these | Ans.) 4 |

Ques. : 193 In _____, team members start with the big picture and move to the details.

- | | |
|------------------------------------|-----------------------------|
| 1) top-down design | 2) bottom-up design |
| 3) object oriented system analysis | 4) rapid application design |
| 5) all of the above | Ans.) 1 |

Ques. : 194 Many teams use working models called _____ to explore the look and feel of screens with users.

- | | |
|------------------|----------------|
| 1) demos | 2) prototypes |
| 3) objects | 4) designs |
| 5) None of these | Ans.) 2 |

Ques. : 195 In the needs analysis section of the SDLC, the _____ typically defines a need for a new system

- | | |
|---------------------|---------------------|
| 1) manager | 2) system analyst |
| 3) user | 4) technical writer |
| 5) all of the above | Ans.) 3 |

Ques. : 196 Information systems are composed of _____ basic components.

- | | |
|------------------|----------------|
| 1) four | 2) three |
| 3) two | 4) many |
| 5) none of these | Ans.) 2 |

Ques. : 197 A human order taker can be bypassed when using a(n) _____

- | | |
|-----------------------------------|-----------------------------------|
| 1) office automation system. | 2) management information system. |
| 3) transaction processing system. | 4) decision support system. |
| 5) all of the above | Ans.) 3 |

Ques. : 198 The _____ can help you choose a product.

- | | |
|----------------------------------|----------------------------------|
| 1) office automation system | 2) management information system |
| 3) transaction processing system | 4) decision support system |
| 5) None of these | Ans.) 4 |

Ques. : 199 The expert system uses a(n) _____ to select the most appropriate response.

- | | |
|---------------------|----------------------------|
| 1) inference engine | 2) decision support system |
| 3) knowledge base | 4) data source |
| 5) all of the above | Ans.) 1 |

Ques. : 200 An intranet that is accessible by outside workers.

- 1) firewall
3) management information system
5) None of these
- 2) extranet
4) P2PN
Ans.) 2

Ques. : 201 _____ is the capability to continue as if nothing has happened, even after a major component failure.

- 1) redundancy
3) fault tolerance
5) None of these
- 2) interoperability
4) backup
Ans.) 3

Ques. : 202 Striping with parity is also known as RAID _____.

- 1) 0
3) 4
5) all of the above
- 2) 1
4) 6
Ans.) 3

Ques. : 203 A storage device that is connected directly to a network is an example of _____.

- 1) network attached storage
3) direct attached storage
5) None of these
- 2) storage area network
4) RAID
Ans.) 1

Ques. : 204 A tape library will use a robotic component called a(n) _____ to change and store multiple tape cartridges.

- 1) RAID
3) redundant system
5) None of these
- 2) backup device
4) auto loader
Ans.) 4

Ques. : 205 More than one of the same component is an example of a _____ system.

- 1) scalable
3) RAID
5) None of these
- 2) redundant
4) back-up
Ans.) 2

Ques. : 206 _____ is a first-generation cellular phone system.

- 1) AMPS
3) GSM
5) None of these
- 2) D-AMPS
4) none of the above
Ans.) 1

Ques. : 207 _____ is a second-generation cellular phone system.

- 1) AMPS
3) GSM
5) all of the above
- 2) D-AMPS
4) none of the above
Ans.) 2

Ques. : 208 _____ is a digital version of AMPS.

- 1) GSM
3) IS-95
5) all of the above
- 2) D-AMPS
4) none of the above
Ans.) 2

Ques. : 209 _____ is a second-generation cellular phone system used in Europe.

- 1) GSM
3) IS-95
5) none of the above
- 2) D-AMPS
4) all of the above
Ans.) 1

Ques. : 210 The _____ cellular phone system will provide universal personal communication.

- 1) first-generation
2) second-generation

- 3) third-generation
5) none of the above
- 4) all of the above
Ans.) 3

Ques. : 211 Computer can not do anything without a

- 1) Chip
3) Output device
5) None of these
- 2) Memory
4) Program
Ans.) 4

Ques. : 212 A process known as _____ is used by large retailers to study trends.

- 1) data mining
3) POS
5) None of these
- 2) data selection
4) data conversion
Ans.) 1

Ques. : 213 Which generation of computers is covered by the period 1964-77?

- 1) First
3) Third
5) None of these
- 2) Second
4) Forth
Ans.) 3

Ques. : 214 _____ is data that has been organized or presented in a meaningful fashion.

- 1) A process
3) Storage
5) None of these
- 2) Software
4) Information
Ans.) 4

Ques. : 215 _____ terminals (formerly known as cash registers) are often connected to complex inventory and sales computer systems.

- 1) Data
3) Sales
5) None of these
- 2) Point-of-sale
4) Query
Ans.) 2

Ques. : 216 A(n) _____ system is a small, wireless handheld computer that scans an item's tag and pulls up the current price (and any special offers) as you shop.

- 1) PSS
3) inventory
5) None of these
- 2) POS
4) data mining
Ans.) 1

Ques. : 217 The ability to recover and read deleted or damaged files from a criminal's computer is an example of a law enforcement specialty called:

- 1) robotics
3) computer forensics
5) None of these
- 2) simulation
4) animation
Ans.) 3

Ques. : 218 Which of the following is not one of the four major data processing functions of a computer?

- 1) gathering data
3) analyzing the data or information
5) None of these
- 2) processing data into information
4) storing the data or information
Ans.) 3

Ques. : 219 _____ tags, when placed on an animal, can be used to record and track in a database all of the animal's movements

- 1) POS
3) PPS
5) None of these
- 2) RFID
4) GPS
Ans.) 2

Ques. : 220 Surgeons can perform delicate operations by manipulating devices through computers instead of manually.

This technology is known as

- | | |
|------------------|-----------------------|
| 1) robotics | 2) computer forensics |
| 3) simulation | 4) forecasting |
| 5) None of these | Ans.) 1 |

Ques. : 221 Technology no longer protected by copyright, available to everyone, is considered to be:

- | | |
|------------------|-------------------------|
| 1) proprietary | 2) open |
| 3) experimental | 4) in the public domain |
| 5) None of these | Ans.) 1 |

Ques. : 222 All of the following are examples of real security and privacy risks except

- | | |
|------------------|-------------------|
| 1) hackers | 2) spam |
| 3) viruses | 4) identity theft |
| 5) None of these | Ans.) 2 |

Ques. : 223 _____ is the study of molecules and structures whose size ranges from 1 to 100 nanometers.

- | | |
|-----------------------|----------------------------|
| 1) Nanoscience | 2) Microelectrodes |
| 3) Computer forensics | 4) Artificial intelligence |
| 5) None of these | Ans.) 1 |

Ques. : 224 _____ is the science that attempts to produce machines that display the same type of intelligence that humans do.

- | | |
|------------------|----------------------------|
| 1) Nanoscience | 2) Nanotechnology |
| 3) Simulation | 4) Artificial intelligence |
| 5) None of these | Ans.) 4 |

Ques. : 225 The name for the way that computers manipulate data into information is called

- | | |
|------------------|----------------|
| 1) programming | 2) processing |
| 3) storing | 4) organizing |
| 5) None of these | Ans.) 2 |

Ques. : 226 An e-mail address typically consists of a user ID followed by the ____ sign and the name of the e-mail server that manages the user's electronic post office box.

- | | |
|------------------|----------------|
| 1) @ | 2) # |
| 3) & | 4) * |
| 5) None of these | Ans.) 1 |

Ques. : 227 Software applies ____ also called algorithms, to process data.

- | | |
|------------------|----------------|
| 1) arithmetic | 2) procedures |
| 3) objects | 4) rules |
| 5) None of these | Ans.) 1 |

Ques. : 228 A file extension is separated from the main file name with a(n) ____ but no spaces.

- | | |
|------------------|---------------------|
| 1) question mark | 2) exclamation mark |
| 3) underscore | 4) period |
| 5) None of these | Ans.) 5 |

Ques. : 229 An ad hoc query is a—

- | | |
|--------------------------------|--|
| 1) pre-planned question | 2) pre-scheduled question |
| 3) spur-of-the moment question | 4) question that will not return any results |
| 5) None of these | Ans.) 2 |

Ques. : 230 A Web consists of one or more Web pages located on a Web server.

- | | |
|------------------|----------------|
| 1) hub | 2) site |
| 3) story | 4) template |
| 5) None of these | Ans.) 2 |

Ques. : 231 A computer is a set of program instructions that can attach itself to a file, reproduce itself, and spread to other files.

- | | |
|------------------|------------------|
| 1) worm | 2) virus |
| 3) trojan horse | 4) phishing scam |
| 5) None of these | Ans.) 2 |

Ques. : 232 The desktop contains small graphics calledé

- | | |
|------------------|----------------|
| 1) windows | 2) logos |
| 3) icons | 4) pictures |
| 5) None of these | Ans.) 3 |

Ques. : 233 C, BASIC, COBOL, and Java are examples of _____ languages

- | | |
|-----------------------|----------------|
| 1) low-level | 2) computer |
| 3) system programming | 4) high-level |
| 5) None of these | Ans.) 4 |

Ques. : 234 A(n) _____ camera is a peripheral device used to capture still images in a digital format that can be easily transferred into a computer and manipulated using graphics software.

- | | |
|------------------|----------------|
| 1) digital | 2) analog |
| 3) classic | 4) film |
| 5) None of these | Ans.) 1 |

Ques. : 235 _____ makes it possible for shoppers to make purchases using their computers.

- | | |
|------------------|----------------|
| 1) E-world | 2) Ecommerce |
| 3) E-spend | 4) E-business |
| 5) None of these | Ans.) 4 |

Ques. : 236 A computer is a set of program instructions that can attach itself to a file, reproduce itself,

- | | |
|------------------|------------------|
| 1) worm | 2) virus |
| 3) trojan horse | 4) phishing scam |
| 5) None of these | Ans.) 2 |

Ques. : 237 The desktop contains small graphics calledé

- | | |
|------------------|----------------|
| 1) windows | 2) logos |
| 3) icons | 4) pictures |
| 5) None of these | Ans.) 3 |

Ques. : 238 C, BASIC, COBOL, and Java are examples of _____ languages

- | | |
|-----------------------|----------------|
| 1) low-level | 2) computer |
| 3) system programming | 4) high-level |
| 5) None of these | Ans.) 4 |

Ques. : 239 A(n) _____ camera is a peripheral device used to capture still images in a digital format that can

- | | |
|------------------|----------------|
| 1) digital | 2) analog |
| 3) classic | 4) film |
| 5) None of these | Ans.) 1 |

Ques. : 240 _____ makes it possible for shoppers to make purchases using their computers

- | | |
|------------------|----------------|
| 1) E-world | 2) Ecommerce |
| 3) E-spend | 4) E-business |
| 5) None of these | Ans.) 4 |

Ques. : 241 An Internet connection require

- | | |
|-----------------------------|------------------------|
| 1) a personal computer | 2) a modem |
| 3) a dial-up telephone line | 4) software to operate |
| 5) all the above | Ans.) 5 |

Ques. : 242 The Boolean operators of the Internet are

- | | |
|---------------------|----------------|
| 1) And | 2) OR |
| 3) Nand | 4) Nor |
| 5) all of the above | Ans.) 5 |

Ques. : 243 ICMP stands for

- | | |
|--|--|
| 1) Intranet Control Message Protocol | 2) Internet Control Message Protocol |
| 3) Information Control Master Protocol | 4) internet communication message protocol |
| 5) None of the above | Ans.) 1 |

Ques. : 244 CRC stands for

- | | |
|---------------------------|----------------------------|
| 1) Cyclic Read Check | 2) Cyclic Redundancy Check |
| 3) Cyclic Replicate Check | 4) control message control |
| 5) None of the above | Ans.) 2 |

Ques. : 245 The Java program file extension is

- | | |
|----------------------|----------------|
| 1) .jav | 2) .java |
| 3) .ja | 4) .jvm |
| 5) None of the above | Ans.) 2 |

Ques. : 246 The first mechanical computer designed by Charles Babbage was called

- | | |
|------------------|----------------------|
| 1) Abacus | 2) Processor |
| 3) Calculator | 4) Analytical Engine |
| 5) None of these | Ans.) 4 |

Ques. : 247 The motherboard is the—

- | | |
|--|--|
| 1) circuit board that houses peripheral devices | 2) same as the CPU chip |
| 3) the first dup that is accessed when the computer is turned on | 4) circuit board that contains a CPU and other chips |
| 5) None of these | Ans.) 4 |

Ques. : 248 The transformation of a message into an encoded form is known as

- | | |
|------------------|----------------|
| 1) Mnemonics | 2) Encoding |
| 3) Encryption | 4) Decoding |
| 5) None of these | Ans.) 2 |

Ques. : 249 Which is device that interconnect two or more network, enabling data transfer to be made between them

- | | |
|------------------|----------------|
| 1) Plotter | 2) Joystick |
| 3) Gateway | 4) Path |
| 5) None of these | Ans.) 3 |

Ques. : 250 Which of the following is directory controlled from a keyboard.

- | | |
|---------------|-----------------------|
| 1) Card punch | 2) punched paper tape |
|---------------|-----------------------|

- 3) Magnetic disk
5) None of these
- 4) Magnetic tape
Ans.) 1

Ques. : 251 Which of the following is a part of the Central Processing Unit

- 1) Printer
3) Mouse
5) None of these
- 2) Keyboard
4) Arithmetic Logic Unit
Ans.) 4

Ques. : 252 Control Unit of a digital computer is often called the

- 1) Clock
3) ICs
5) None of these
- 2) Nerve center
4) All of the above
Ans.) 4

Ques. : 253 A typical modern computer uses

- 1) LSI chips
3) Valves
5) None of these
- 2) Vacuum tubes
4) All the above
Ans.) 1

Ques. : 254 A is a device that not only provides surge protection, but also furnishes your computer with battery backup power during a power outage

- 1) surge strip
3) UPS
5) None of these
- 2) USB
4) battery strip
Ans.) 3

Ques. : 255 When you save to _____ your data will remain intact even when the computer is turned off.

- 1) RAM
3) secondary storage device
5) None of these
- 2) motherboard
4) primary storage device
Ans.) 3

Ques. : 256 Which of the following statements is/are true?

- 1) Cache Memories are bigger than RAM
3) ROM is faster than RAM
5) None of these
- 2) Cache Memories are smaller than RAM
4) Information in ROM can be written by users
Ans.) 2

Ques. : 257 Programs stored in ROM are called ____

- 1) Hardware
3) Software
5) None of these
- 2) Firmware
4) utility
Ans.) 2

Ques. : 258 The unit KIPS is used to measure the speed of ____

- 1) Processor
3) Printer
5) None of these
- 2) Disk drive
4) Tape drive
Ans.) 1

Ques. : 259 IC are classified on the basis of ____

- 1) Manufacturing company
3) Number of transistors
5) None of these
- 2) Type of computer
4) a and b
Ans.) 3

Ques. : 260 MDR (Memory Data Register) holds the

- 1) Address of memory location
3) Number of transistors
- 2) Segment number
4) a and b

5) None of these **Ans.) 3**

Ques. : 261 When an object has many forms, it has _____.

- | | |
|------------------|-----------------|
| 1) Inheritance | 2) Scalability |
| 3) Encapsulation | 4) Polymorphism |
| 5) None of these | Ans.) 4 |

Ques. : 262 What term is used to describe the internal representation of an object that is hidden from view outside the object's definition?

- | | |
|------------------|----------------|
| 1) Encapsulation | 2) Expandable |
| 3) Polymorphism | 4) Inheritance |
| 5) None of these | Ans.) 1 |

Ques. : 263 What are the instructions called that tell a system what, how, and when to do something?

- | | |
|--|-----------------------------|
| 1) Object-oriented technology approach | 2) Object-oriented database |
| 3) Program | 4) Database management |
| 5) None of these | Ans.) 3 |

Ques. : 264 What common technique attempts to save time and energy by reducing redundant work in object-oriented programming?

- | | |
|---|---------------------------------------|
| 1) Reduce lines of programming | 2) Reuse of code |
| 3) Reduce size of systems being developed | 4) Merging different systems together |
| 5) None of these | Ans.) 2 |

Ques. : 265 What kind of programming language is Java?

- | | |
|--|---|
| 1) Object-oriented programming language | 2) Relational programming language |
| 3) Sixth-generation programming language | 4) Database management programming language |
| 5) None of these | Ans.) 1 |

Ques. : 266 Which device can understand difference between data & programs?

- | | |
|------------------|-------------------|
| 1) Input device | 2) Output device |
| 3) Memory | 4) Microprocessor |
| 5) None of these | Ans.) 4 |

Ques. : 267 The contents of information are stored in

- | | |
|--------------------------------|----------------------------|
| 1) Memory data register | 2) Memory address register |
| 3) Memory arithmetic registers | 4) Memory access register |
| 5) None of these | Ans.) 1 |

Ques. : 268 Memory unit is one part of

- | | |
|------------------|----------------------------|
| 1) Input device | 2) Control unit |
| 3) Output device | 4) Central Processing Unit |
| 5) None of these | Ans.) 4 |

Ques. : 269 Algorithm and Flow chart help us to

- | | |
|-----------------------------------|---|
| 1) Know the memory capacity | 2) Identify the base of a number system |
| 3) Direct the output to a printer | 4) Specify the problem completely and clearly |
| 5) None of these | Ans.) 4 |

Ques. : 270 Who built the first Mechanical Calculator

- | | |
|--------------------------|-----------------|
| 1) Joseph Marie Jacquard | 2) John Mauchly |
|--------------------------|-----------------|

- 3) Blaise Pascal
5) None of these
- 4) Howard Aiken
Ans.) 3

Ques. : 271 In the right setting a thief will steal your information by simply watching what you type

- 1) snagging
3) social engineering
5) None of these
- 2) spying
4) shoulder surfing
Ans.) 4

Ques. : 272 A _____ is a small program embedded inside of a GIF image.

- 1) web bug
3) spyware application
5) None of these
- 2) cookie
4) spam
Ans.) 1

Ques. : 273 A hacker contacts you my phone or email and attempts to acquire your password

- 1) spoofing
3) spamming
5) None of these
- 2) phishing
4) bugging
Ans.) 2

Ques. : 274 This power protection device includes a battery that provides a few minutes of power.

- 1) surge suppressor
3) generator
5) None of these
- 2) line conditioner
4) UPS
Ans.) 4

Ques. : 275 The phrase _____ describes viruses, worms, Trojan horse attack applets, and attack scripts.

- 1) malware
3) phish
5) None of these
- 2) spam
4) virus
Ans.) 1

Ques. : 276 The _____ is a special database that holds information about the computer's user, installed programs and hardware devices.

- 1) dynamic link library
3) compiled help module
5) None of these
- 2) initialization file
4) Windows Registry
Ans.) 4

Ques. : 277 A(n) _____ converts all the source code into machine code, creating an executable file

- 1) linker
3) assembler
5) None of these
- 2) compiler
4) interpreter
Ans.) 2

Ques. : 278 An IPO chart consists of _____ columns

- 1) three
3) five
5) None of these
- 2) four
4) unlimited
Ans.) 1

Ques. : 279 A series of steps that always results in an answer is the definition of _____.

- 1) heuristic
3) algorithm
5) None of these
- 2) flowchart
4) pseudo code
Ans.) 3

Ques. : 280 _____ are built around special program flow constructs called conditional statements.

- 1) Selection structures
3) Repetition structures
- 2) Sequence structure
4) Assignment statements

5) None of these

Ans.) 1**Ques. : 281** Which of the following systems helps you with making a decision about a non-structured problem?

1) Artificial intelligence

2) Neural network

3) Genetic algorithm

4) Decision support system

5) None of these

Ans.) 4**Ques. : 282** Which of the following systems would be used for geocaching?

1) Neural network

2) Genetic algorithm

3) Intelligent agent

4) Geographical information system

5) None of these

Ans.) 4**Ques. : 283** Which of the following systems mimics human thinking?

1) Artificial intelligence

2) Intelligent agent

3) Bot

4) Database management system

5) None of these

Ans.) 1**Ques. : 284** Which AI system provides a diagnosis to a specific problem?

1) Intelligent agent

2) Expert system

3) Geographical information system

4) Data mining system

5) None of these

Ans.) 2**Ques. : 285** Which AI system finds and identifies patterns; for instance; in the words you use?

1) Expert system

2) Intelligent system

3) Neural network

4) Fuzzy logic

5) None of these

Ans.) 3**Ques. : 286** Dot matrix and band printers are _____ printers

1) laser

2) impact

3) ink jet

4) thermal

5) None of the

Ans.) 2**Ques. : 287** Which of the following measures the speed of dot-matrix printers?

1) ppm

2) dpi

3) cps

4) lpm

5) None of the

Ans.) 3**Ques. : 288** In a laser printer, the _____ transfers the image to the paper

1) laser

2) roller

3) toner

4) drum

5) None of the

Ans.) 4**Ques. : 289** Home offices often purchase _____ to solve printing and scanning needs

1) all-in-one peripherals

2) photocopiers

3) ink-jet printers

4) scanners

5) None of the

Ans.) 1**Ques. : 290** For a home user that has casual printing needs, the _____ specification is the most important specification of a printer.

1) speed

2) cost of use

3) resolution

4) paper size

5) None of the

Ans.) 2

Ques. : 291 What is the address given to a computer connected to a network called?

- | | |
|-------------------|----------------|
| 1) System Address | 2) SYSID |
| 3) Process ID | 4) IP Address |
| 5) None of these | Ans.) 4 |

Ques. : 292 Direct X is a _____

- | | |
|---------------------|--|
| 1) Computer Part | 2) Software that drives Graphic hardware |
| 3) A User Interface | 4) all of above |
| 5) None of these | Ans.) 2 |

Ques. : 293 When you purchase a product over a Mobile Phone, the transaction is called ____

- | | |
|------------------|---------------------|
| 1) Web Commerce | 2) e-Commerce |
| 3) m-Commerce | 4) Mobile Purchases |
| 5) None of these | Ans.) 3 |

Ques. : 294 Programs stored in ROM are called ____

- | | |
|------------------|-----------------|
| 1) Hardware | 2) Firmware |
| 3) Software | 4) all of above |
| 5) None of these | Ans.) 2 |

Ques. : 295 The unit KIPS is used to measure the speed of ____

- | | |
|------------------|----------------|
| 1) Processor | 2) Disk drive |
| 3) Printer | 4) Tape drive |
| 5) None of these | Ans.) 1 |

Ques. : 296 What is the most common repetitive-stress injury?

- | | |
|-------------------------------|---------------------------------------|
| 1) Carpal tunnel syndrome | 2) Headache |
| 3) Cumulative trauma disorder | 4) Video operator's distress syndrome |
| 5) None of these | Ans.) 1 |

Ques. : 297 Which government organization may possibly provide and enforce regulations in the near future concerning ergonomics in the workplace?

- | | |
|------------------|----------------|
| 1) FCC | 2) SEC |
| 3) FBI | 4) OSHA |
| 5) None of these | Ans.) 4 |

Ques. : 298 Which of the following will NOT reduce stress when computing?

- | | |
|---|--|
| 1) Minibreaks | 2) Proper ventilation to eliminate ozone emissions |
| 3) Putting the keyboard on the desktop and raising your chair | 4) Indirect lighting to reduce monitor glare |
| 5) None of these | Ans.) 3 |

Ques. : 299 What is meant by "green computing?"

- | | |
|--|---------------------------------------|
| 1) A non-computing person using a computer | 2) Environmentally sensible computing |
| 3) The leading edge of computer technology | 4) Using a new software program |
| 5) None of these | Ans.) 2 |

Ques. : 300 What is the name of the program used by the Environmental Protection Agency to denote an appliance meets environmentally-safe regulations?

- | | |
|-----------------------------------|----------------|
| 1) Energy Star | 2) Energetics |
| 3) Efficient Appliance Compliance | 4) Power Star |
| 5) None of these | Ans.) 1 |

Ques. : 301 What is the structured approach called for developing software and information systems?

- | | |
|-----------------------------------|------------------------|
| 1) Software design | 2) Prototyping |
| 3) Systems development life cycle | 4) Systems methodology |
| 5) None of these | Ans.) 3 |

Ques. : 302 Who is the person who typically manages the software development project?

- | | |
|----------------------|------------------------|
| 1) Software engineer | 2) Project manager |
| 3) IT manager | 4) Technology director |
| 5) None of these | Ans.) 2 |

Ques. : 303 In which phase of the software design and development project would you try to understand the proposed project?

- | | |
|-----------------------|-------------------|
| 1) Planning phase | 2) Initial phase |
| 3) Requirements phase | 4) Analysis phase |
| 5) None of these | Ans.) 4 |

Ques. : 304 In which phase of the software design and development project would you build a blueprint of the proposed system?

- | | |
|-----------------------|----------------------|
| 1) Analysis phase | 2) Design phase |
| 3) Requirements phase | 4) Development phase |
| 5) None of these | Ans.) 2 |

Ques. : 305 In which phase of the software design and development project would you build the proposed system?

- | | |
|----------------------|-------------------------|
| 1) Design phase | 2) Requirements phase |
| 3) Development phase | 4) Implementation phase |
| 5) None of these | Ans.) 3 |

Ques. : 306 Before data can be transmitted, they must be transformed to _____.

- | | |
|----------------------|-----------------------------|
| 1) periodic signals | 2) electromagnetic signals |
| 3) aperiodic signals | 4) low-frequency sine waves |
| 5) None of these | Ans.) 2 |

Ques. : 307 A periodic signal completes one cycle in 0.001 s. What is the frequency?

- | | |
|------------------|----------------|
| 1) 1 Hz | 2) 100 Hz |
| 3) 1 KHz | 4) 1 MHz |
| 5) None of these | Ans.) 3 |

Ques. : 308 In a frequency-domain plot, the horizontal axis measures the _____.

- | | |
|-------------------|----------------|
| 1) peak amplitude | 2) frequency |
| 3) phase | 4) slope |
| 5) None of these | Ans.) 2 |

Ques. : 309 In a time-domain plot, the horizontal axis is a measure of _____.

- | | |
|---------------------|----------------|
| 1) signal amplitude | 2) frequency |
| 3) phase | 4) time |
| 5) None of these | Ans.) 4 |

Ques. : 310 If the bandwidth of a signal is 5 KHz and the lowest frequency is 52 KHz, what is the highest frequency?

- | | |
|------------------|----------------|
| 1) 5 KHz | 2) 10 KHz |
| 3) 47 KHz | 4) 57 KHz |
| 5) None of these | Ans.) 4 |

Ques. : 311 What type of network is commonly used in a college lab environment?

- | | |
|------------------|----------------|
| 1) WAN | 2) MAN |
| 3) LAN | 4) CAN |
| 5) None of these | Ans.) 3 |

Ques. : 312 What type of network is commonly used in an international organization?

- | | |
|------------------|----------------|
| 1) WAN | 2) MAN |
| 3) LAN | 4) CAN |
| 5) None of these | Ans.) 1 |

Ques. : 313 What is the term used to describe the amount of space you have to transmit to and from the Internet?

- | | |
|-------------------|------------------|
| 1) Internet speed | 2) Network speed |
| 3) Router | 4) Bandwidth |
| 5) None of these | Ans.) 4 |

Ques. : 314 Which of the following high-speed circuits is the fastest?

- | | |
|------------------|----------------|
| 1) T1 | 2) T2 |
| 3) T3 | 4) DS3 |
| 5) None of these | Ans.) 4 |

Ques. : 315 What type of communication media is the most widely used cabling for data transfer today?

- | | |
|------------------|------------------|
| 1) Cat 5 | 2) Twisted pair |
| 3) Coaxial | 4) Optical fiber |
| 5) None of these | Ans.) 1 |

Ques. : 316 If a computer is turned off without saving a new document —

- | | |
|---|---------------------------------------|
| 1) the computer will not be able to restart | 2) the computer will reboot |
| 3) the document will be lost | 4) the default format will be changed |
| 5) None of these | Ans.) 3 |

Ques. : 317 The protection of data against accidental or intentional destruction, disclosure or modification is called

- | | |
|-------------------------|-------------------------|
| 1) Information security | 2) Privacy |
| 3) Code system | 4) Transposition cipher |
| 5) None of these | Ans.) 1 |

Ques. : 318 The problem/s created by viruses is/are

- | | |
|--|---|
| 1) Destruction of the file allocation table | 2) Erasing of specific programs or data on disk |
| 3) Suppress execution of RAM resident programs | 4) All of the above |
| 5) None of these | Ans.) 4 |

Ques. : 319 CPU's processing power is measured in

- | | |
|------------------------------------|----------------|
| 1) Hours | 2) Minutes |
| 3) Million instructions per second | 4) Second |
| 5) None of these | Ans.) 3 |

Ques. : 320 SCSI is a term related with

- | | |
|-------------------|--------------------------|
| 1) Storage | 2) Network Data Transfer |
| 3) Keystroke Rate | 4) Picture resolution |
| 5) None of these | Ans.) 1 |

Ques. : 321 Which information attribute would last month's electrical bill be classified as?

- | | |
|----------|---------|
| 1) Space | 2) Form |
|----------|---------|

- 3) Location
5) None of these
- 4) Time
Ans.) 4

Ques. : 322 Which of the following terms is used to describe the computer-based tools used by people in an organization to support their information processing needs?

- 1) Information Technology
3) Artifacts
5) None of these
- 2) User Systems
4) Computer Tools
Ans.) 1

Ques. : 323 Which term refers to the extent of detail provided in information? For instance, some information may provide summary information while others may provide a great amount of detail.

- 1) Information Depth
3) Information Granularity
5) None of these
- 2) Aggregate Data
4) Data Detail
Ans.) 3

Ques. : 324 Which of the following is included in the organizational perspective of information?

- 1) Time
3) Process
5) None of these
- 2) Flow
4) Form
Ans.) 2

Ques. : 325 Which of the following is included in the organizational perspective of information?

- 1) Time
3) Process
5) None of these
- 2) Flow
4) Form
Ans.) 2

Ques. : 326 When developers start to acquire equipment or software, the _____ stage of the SDLC has been reached.

- 1) development
3) implementation
5) None of these
- 2) design
4) needs analysis
Ans.) 1

Ques. : 327 A _____ implementation will involve employees utilizing one part at a time.

- 1) parallel
3) phased
5) None of these
- 2) direct
4) pilot
Ans.) 3

Ques. : 328 Adding new features is typically performed during the _____ phase.

- 1) implementation
3) development
5) None of these
- 2) needs analysis
4) maintenance
Ans.) 4

Ques. : 329 The intensity and the level of commitment required in the first _____ phases of RAD are expected to shorten the entire development process.

- 1) two
3) five
5) None of these
- 2) three
4) six
Ans.) 1

Ques. : 330 Senior managers but not end users participate during the _____ sessions for RAD.

- 1) needs analysis
3) joint applications design
5) None of these
- 2) joint requirements planning
4) object oriented system analysis
Ans.) 2

Ques. : 331 . _____ cables are composed of a glass or plastic inner core surrounded by cladding, all encased in an

outside jacket.

- | | |
|------------------|----------------------|
| 1) Coaxial | 2) Fiber-optic |
| 3) Twisted-pair | 4) none of the above |
| 5) None of these | Ans.) 2 |

Ques. : 332 . _____ cables carry data signals in the form of light

- | | |
|------------------|-----------------|
| 1) Coaxial | 2) Fiber-optic |
| 3) Twisted-pair | 4) all of above |
| 5) None of these | Ans.) 2 |

Ques. : 333 . In a fiber-optic cable, the signal is propagated along the inner core by _____.

- | | |
|----------------------|------------------|
| 1) reflection | 2) refraction |
| 3) modulation | 4) fragmentation |
| 5) none of the above | Ans.) 1 |

Ques. : 334 _____ media transport electromagnetic waves without the use of a physical conductor.

- | | |
|----------------------|-----------------|
| 1) Guided | 2) Unguided |
| 3) Either (a) or (b) | 4) all of above |
| 5) None of the above | Ans.) 2 |

Ques. : 335 Radio waves are _____.

- | | |
|----------------------|-------------------|
| 1) omnidirectional | 2) unidirectional |
| 3) bidirectional | 4) all of above |
| 5) none of the above | Ans.) 1 |

Ques. : 336 Analyzing the current system is performed during the _____ phase.

- | | |
|-------------------|-------------------|
| 1) development | 2) design |
| 3) implementation | 4) needs analysis |
| 5) None of these | Ans.) 4 |

Ques. : 337 In _____, team members start with the big picture and move to the details.

- | | |
|------------------------------------|-----------------------------|
| 1) top-down design | 2) bottom-up design |
| 3) object oriented system analysis | 4) rapid application design |
| 5) None of these | Ans.) 1 |

Ques. : 338 Many teams use working models called _____ to explore the look and feel of screens with users.

- | | |
|------------------|----------------|
| 1) demos | 2) prototypes |
| 3) objects | 4) designs |
| 5) None of these | Ans.) 2 |

Ques. : 339 In the needs analysis section of the SDLC, the _____ typically defines a need for a new system

- | | |
|------------------|---------------------|
| 1) manager | 2) system analyst |
| 3) user | 4) technical writer |
| 5) None of these | Ans.) 3 |

Ques. : 340 This phase of the SDLC may involve a small group of testers.

- | | |
|-------------------|-------------------|
| 1) maintenance | 2) needs analysis |
| 3) implementation | 4) development |
| 5) None of these | Ans.) 3 |

Ques. : 341 Companies use which of the following vendors to provide access to software and services rather than purchasing the applications and maintaining the applications themselves ?

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- | | |
|----------------------------------|---------------------|
| 1) Open source vendors | 2) Alliances |
| 3) Application service providers | 4) All of the above |
| 5) None of these | Ans.) 3 |

Ques. : 342 Which one of the following would be considered as a way that a computer virus can enter a computer system ?

- | | |
|--|--------------------------------|
| 1) Opening an application previously installed on the computer | 2) Borrowed copies of software |
| 3) Viewing a website without causing any additional transactions | 4) Running antivirus programs |
| 5) None of these | Ans.) 2 |

Ques. : 343 Collecting personal information and effectively posing as another individual is known as the crime of—

- | | |
|------------------|-------------------|
| 1) spooling | 2) identity theft |
| 3) spoofing | 4) hacking |
| 5) None of these | Ans.) 2 |

Ques. : 344 The first step in the transaction processing cycle is _____

- | | |
|------------------------|-----------------|
| 1) database operations | 2) audit |
| 3) data entry | 4) user inquiry |
| 5) None of these | Ans.) 3 |

Ques. : 345 In the information systems concept, the output function involves _____

- | | |
|--|--|
| 1) Capturing and assembling elements that enter the system to be processed | 2) Transformation processes that convert input into output |
| 3) Transferring elements that have been produced by a transformation process to their ultimate destination | 4) Monitoring and evaluating feedback to determine whether a system is moving toward the achievement of its goal |
| 5) None of these | Ans.) 1 |

Ques. : 346 Which organizational layer is responsible for developing the goals and strategies as outlined by the top-most level of management?

- | | |
|---------------------------|----------------------------|
| 1) Tactical management | 2) Strategic management |
| 3) Operational management | 4) Nonmanagement employees |
| 5) None of these | Ans.) 2 |

Ques. : 347 Which of the following is collective information about customers, competitors, business partners, competitive environments, and internal operations?

- | | |
|-------------------------------|----------------------------|
| 1) Aggregate Data | 2) External Knowledge |
| 3) Business Intelligence (BI) | 4) Information Granularity |
| 5) None of these | Ans.) 3 |

Ques. : 348 What term is used to describe information coming into a computer that is in bad form, or is incorrect, and will improperly affect the decision-making process?

- | | |
|----------------------|------------------|
| 1) GIGO | 2) Tainted data |
| 3) Dirty information | 4) Scrubbed data |
| 5) None of these | Ans.) 1 |

Ques. : 349 Which type of worker knows how and when to apply technology?

- | | |
|-----------------------|---|
| 1) Computer scientist | 2) Technology-literate knowledge worker |
| 3) Technology analyst | 4) Computer savvy |
| 5) None of these | Ans.) 2 |

Ques. : 350 Which type of software coordinates the interaction of technology devices?

- 1) Application software
 3) RAM
 5) None of these
- 2) Utility software
 4) Systems software
Ans.) 4

Ques. : 351 In Bluetooth, the _____ layer is roughly equivalent to the MAC sublayer in LANs.

- 1) radio
 3) L2CAP
 5) None of these
- 2) baseband
 4) none of the above
Ans.) 2

Ques. : 352 In Bluetooth, multiple _____ form a network called a _____.

- 1) scatternet; piconets
 3) piconets; bluenet
 5) None of these
- 2) piconets; scatternet
 4) bluenet; scatternet
Ans.) 2

Ques. : 353 A Bluetooth network consists of _____ primary device(s) and up to _____ secondary devices.

- 1) one; five
 3) two; six
 5) None of these
- 2) five; three
 4) one; seven
Ans.) 4

Ques. : 354 The RTS and CTS frames in CSMA/CA _____ solve the hidden station problem. The RTS and CTS frames in CSMA/CA _____ solve the exposed station problem.

- 1) can; cannot
 3) can; can
 5) None of these
- 2) cannot; can
 4) cannot; cannot
Ans.) 1

Ques. : 355 In Bluetooth, the _____ layer is roughly equivalent to the physical layer of the Internet model.

- 1) radio
 3) L2CAP
 5) None of these
- 2) baseband
 4) all of above
Ans.) 1

Ques. : 356 A system for capturing knowledge from books and experienced individuals, making it available where needed, is referred to as a(n) _____.

- 1) knowledge management system (KMS)
 3) expert system (ES)
 5) None of these
- 2) executive information system (EIS)
 4) knowledge database (KDB)
Ans.) 4

Ques. : 357 A _____ handles an organization's day-to-day accounting needs; keeping a verifiable record of every transaction involving money, including purchases, sales, and payroll payments.

- 1) transactional processing system (TPS)
 3) decision support system (DSS)
 5) None of these
- 2) financial support system (FSS)
 4) business processing system (BPS)
Ans.) 1

Ques. : 358 _____ occurs when too much information is provided making processing, absorbing, and validating difficult.

- 1) Database integration
 3) Nonfunctional information
 5) None of these
- 2) Information overload
 4) Query integration
Ans.) 2

Ques. : 359 A(n) _____ is a system that includes the collection of people, hardware, software, data records, and activities that process the data and information in an organization.

- 1) traditional organization structure
 3) information system
- 2) information functional unit
 4) data mart

5) None of these **Ans.) 3**

Ques. : 360 _____ is a technique in which managers are able to view information in a data warehouse and focus their attention on a specific data element.

- | | |
|------------------------|----------------|
| 1) Analytical research | 2) Drill down |
| 3) MDX querying | 4) SQL |
| 5) None of these | Ans.) 2 |

Ques. : 361 Which of the following ERP providers specialize in providing financial management, distribution, manufacturing, project accounting, human resource management, and business analytics to small-to-medium businesses?

- | | |
|------------------|----------------------|
| 1) SAP | 2) Oracle/PeopleSoft |
| 3) SSA Global | 4) Microsoft |
| 5) None of these | Ans.) 4 |

Ques. : 362 What is the term used to depict aged information systems that are technologically out-of-date?

- | | |
|---------------------------------|-------------------------------|
| 1) Outdated information systems | 2) Obsolete systems |
| 3) Archaic systems | 4) Legacy information systems |
| 5) None of these | Ans.) 4 |

Ques. : 363 Which type of system includes all technology systems and software across an organization?

- | | |
|---|-----------------------------------|
| 1) Knowledge based systems | 2) Strategic information systems |
| 3) Enterprise resource planning systems | 4) Management information systems |
| 5) None of these | Ans.) 3 |

Ques. : 364 Which person oversees an organization's entire information system?

- | | |
|------------------|----------------|
| 1) CTO | 2) CSO |
| 3) CIO | 4) CPO |
| 5) None of these | Ans.) 3 |

Ques. : 365 What type of Web site allows visitors to create and maintain information posted on its site?

- | | |
|---------------------------------|----------------|
| 1) Open source site | 2) Wiki |
| 3) Knowledge construction sites | 4) FTP site |
| 5) None of these | Ans.) 2 |

Ques. : 366 What is a light pen?

- | | |
|----------------------------|--------------------------|
| 1) Mechanical Input device | 2) Optical input device |
| 3) Electronic input device | 4) Optical output device |
| 5) None of these | Ans.) 2 |

Ques. : 367 Which one is the protocol?

- | | |
|------------------|----------------------|
| 1) Bus | 2) Star |
| 3) NetBEUI | 4) none of the above |
| 5) None of these | Ans.) 3 |

Ques. : 368 1KB is equal to:

- | | |
|------------------|----------------|
| 1) 100 bytes | 2) 1000 bytes |
| 3) 1024 bytes | 4) 1048 bytes |
| 5) None of these | Ans.) 3 |

Ques. : 369 For dial up internet connection, a computer must have:

- | | |
|---------------|---------------|
| 1) Sound card | 2) CD drive |
| 3) Modem | 4) video card |

5) None of these **Ans.) 3**

Ques. : 370 Which of the following is not a valid memory?

- | | |
|------------------|----------------|
| 1) ROM | 2) RAM |
| 3) EEPROM | 4) NIC |
| 5) None of these | Ans.) 4 |

Ques. : 371 Which error detection method uses one's complement arithmetic?

- | | |
|------------------------|---------------------------------|
| 1) Simple parity check | 2) Two-dimensional parity check |
| 3) CRC | 4) Checksum |
| 5) None of these | Ans.) 4 |

Ques. : 372 Which error detection method consists of just one redundant bit per data unit?

- | | |
|------------------------|---------------------------------|
| 1) Simple parity check | 2) Two-dimensional parity check |
| 3) CRC | 4) Checksum |
| 5) None of these | Ans.) 1 |

Ques. : 373 In cyclic redundancy checking, what is the CRC?

- | | |
|------------------|------------------|
| 1) The divisor | 2) The quotient |
| 3) The dividend | 4) The remainder |
| 5) None of these | Ans.) 4 |

Ques. : 374 The largest portion of the bandwidth for ADSL carries _____.

- | | |
|------------------------|------------------|
| 1) voice communication | 2) upstream data |
| 3) downstream data | 4) control data |
| 5) None of these | Ans.) 2 |

Ques. : 375 Another name for the cable TV office is the _____.

- | | |
|------------------|----------------|
| 1) splitter | 2) fiber node |
| 3) combiner | 4) head end |
| 5) None of these | Ans.) 1 |

Ques. : 376 Two common scrambling techniques are _____.

- | | |
|------------------|---|
| 1) NRZ and RZ | 2) AML and NRZ |
| 3) B8ZS and HDB3 | 4) Manchester and differential Manchester |
| 5) None of these | Ans.) 3 |

Ques. : 377 _____ conversion involves three techniques: line coding, block coding, and scrambling.

- | | |
|----------------------|-----------------------|
| 1) Analog-to-digital | 2) Digital-to-analog |
| 3) Analog-to-analog | 4) Digital-to-digital |
| 5) None of these | Ans.) 4 |

Ques. : 378 In asynchronous transmission, the gap time between bytes is _____.

- | | |
|--------------------------------|----------------|
| 1) fixed | 2) variable |
| 3) a function of the data rate | 4) zero |
| 5) None of these | Ans.) 2 |

Ques. : 379 In _____ transmission, a start bit and a stop bit frame a character byte.

- | | |
|------------------------|-----------------------|
| 1) asynchronous serial | 2) synchronous serial |
| 3) parallel | 4) (a) and (b) |
| 5) None of these | Ans.) 1 |

Ques. : 380 Block coding can help in _____ at the receiver.

- | | |
|--------------------|--------------------|
| 1) Synchronization | 2) Error detection |
| 3) Attenuation | 4) (a) and (b) |
| 5) None of these | Ans.) 4 |

Ques. : 381 . A is the term used when a search engine returns a Web page that matches the search criteria.

- | | |
|------------|----------------|
| 1) blog | 2) hit |
| 3) link | 4) view |
| 5) success | Ans.) 3 |

Ques. : 382 Which of the following are advantages of CD-ROM as a storage media ?

- | | |
|---|---|
| 1) CD-ROM is an inexpensive way to store large amount of data and information | 2) CD-ROM disks retrieve data and information more quickly than magnetic disks do |
| 3) CD-ROMs make less errors than magnetic media | 4) All of these |
| 5) None of these | Ans.) 4 |

Ques. : 383 The is the term used to describe the window that is currently being used.

- | | |
|-------------------|------------------|
| 1) Web Window | 2) display area |
| 3) WordPad Window | 4) active window |
| 5) monitor | Ans.) 4 |

Ques. : 384 A microprocessor is the brain of the computer and is also called a(n)—

- | | |
|-------------------|----------------|
| 1) microchip | 2) macrochip |
| 3) macroprocessor | 4) calculator |
| 5) software | Ans.) 1 |

Ques. : 385 CPU is an abbreviation for—

- | | |
|-----------------------------|----------------------------|
| 1) central programming unit | 2) central processing unit |
| 3) computer processing unit | 4) computer protocol unit |
| 5) central protocol unit | Ans.) 2 |

Ques. : 386 . When you save to, your data will remain intact even when the computer is turned off.

- | | |
|-----------------------------|---------------------------|
| 1) RAM | 2) motherboard |
| 3) secondary storage device | 4) primary storage device |
| 5) None of these | Ans.) 3 |

Ques. : 387 The motherboard is the_____

- | | |
|---|--|
| 1) circuit board that houses peripheral devices | 2) same as the CPU chip |
| 3) the first chip that is accessed when the computer is turned on | 4) circuit board that contains a CPU and other chips |
| 5) None of these | Ans.) 4 |

Ques. : 388 A computer-intensive problem runs on a—

- | | |
|------------------|----------------|
| 1) server | 2) main frame |
| 3) supercomputer | 4) super PC |
| 5) None of these | Ans.) 3 |

Ques. : 389 A(n).....converts and executes one statement at a time.

- | | |
|------------------|-----------------|
| 1) compiler | 2) interpreter |
| 3) converter | 4) instructions |
| 5) None of these | Ans.) 2 |

Ques. : 390 All the deleted files go to _____

- | | |
|------------------|----------------|
| 1) Recycle Bin | 2) Task Bar |
| 3) Tool Bar | 4) My Computer |
| 5) None of these | Ans.) 1 |

Ques. : 391 The _____ product defines the number of bits that can fill the link.

- | | |
|---------------------|------------------------|
| 1) bandwidth-period | 2) frequency-amplitude |
| 3) bandwidth-delay | 4) delay-amplitude |
| 5) None of these | Ans.) 3 |

Ques. : 392 _____ can impair a signal.

- | | |
|------------------|---------------------|
| 1) Attenuation | 2) Distortion |
| 3) Noise | 4) All of the above |
| 5) None of these | Ans.) 4 |

Ques. : 393 For a _____ channel, we need to use the Shannon capacity to find the maximum bit rate.

- | | |
|------------------|----------------|
| 1) noisy | 2) noiseless |
| 3) bandpass | 4) low-pass |
| 5) None of these | Ans.) 1 |

Ques. : 394 If the available channel is a _____ channel, we cannot send a digital signal directly to the channel.

- | | |
|------------------|----------------|
| 1) low-pass | 2) bandpass |
| 3) low rate | 4) high rate |
| 5) None of these | Ans.) 2 |

Ques. : 395 A(n) _____ signal is a composite analog signal with an infinite bandwidth.

- | | |
|----------------------|------------------------|
| 1) digital | 2) analog |
| 3) either (a) or (b) | 4) neither (a) nor (b) |
| 5) None of these | Ans.) 1 |

Ques. : 396 The _____ layer is responsible for the delivery of a message from one process to another.

- | | |
|----------------------|---------------------|
| 1) physical | 2) transport |
| 3) network | 4) all of the above |
| 5) none of the above | Ans.) 2 |

Ques. : 397 _____ provides full transport layer services to applications.

- | | |
|----------------------|---------------------|
| 1) TCP | 2) UDP |
| 3) ARP | 4) all of the above |
| 5) none of the above | Ans.) 1 |

Ques. : 398 Ethernet uses a _____ physical address that is imprinted on the network interface card (NIC).

- | | |
|----------------------|---------------------|
| 1) 32-bit | 2) 64-bit |
| 3) 6-byte | 4) all of the above |
| 5) none of the above | Ans.) 3 |

Ques. : 399 A port address in TCP/IP is _____ bits long.

- | | |
|----------------------|---------------------|
| 1) 32 | 2) 48 |
| 3) 16 | 4) all of the above |
| 5) none of the above | Ans.) 3 |

Ques. : 400 The _____ created a model called the Open Systems Interconnection, which allows diverse systems to communicate.

- | | |
|----------------------|---------------------|
| 1) OSI | 2) ISO |
| 3) IEEE | 4) all of the above |
| 5) none of the above | Ans.) 2 |

Ques. : 401 A telephone number, a birth date, and a customer name are all examples of—

- | | |
|------------------|----------------|
| 1) a record | 2) data |
| 3) a file | 4) a database |
| 5) None of these | Ans.) 4 |

Ques. : 402 The human-readable version of a program is called—

- | | |
|------------------|-----------------|
| 1) source code | 2) program code |
| 3) human code | 4) system code |
| 5) None of these | Ans.) 4 |

Ques. : 403 A computer (also referred to as a laptop), is a small, lightweight personal computer that incorporates the screen, the keyboard, storage, and processing components into a single portable unit.

- | | |
|------------------|----------------|
| 1) notebook | 2) journal |
| 3) diary | 4) briefcase |
| 5) None of these | Ans.) 1 |

Ques. : 404 is the result produced by a computer.

- | | |
|------------------|----------------|
| 1) Data | 2) Memory |
| 3) Output | 4) Input |
| 5) None of these | Ans.) 3 |

Ques. : 405 Programs such as Internet Explorer that serve as navigable windows into the Web are called

- | | |
|------------------|-----------------|
| 1) Hypertext | 2) Networks |
| 3) Internet | 4) Web browsers |
| 5) None of these | Ans.) 4 |

Ques. : 406 When data changes in multiple lists and all lists are not updated, this causes

- | | |
|----------------------|-------------------------|
| 1) Data redundancy | 2) Information overload |
| 3) Duplicate data | 4) Data inconsistency |
| 5) None of the above | Ans.) 2 |

Ques. : 407 Data becomes _ when it is presented in a format that people can understand and use.

- | | |
|------------------|-----------------|
| 1) Processed | 2) Graphs |
| 3) Information | 4) Presentation |
| 5) None of these | Ans.) 4 |

Ques. : 408 The term _ designates equipment that might be added to a computer system to enhance its functionality.

- | | |
|----------------------|-------------------|
| 1) System add-on | 2) Disk pack |
| 3) Peripheral device | 4) Digital device |
| 5) None of these | Ans.) 3 |

Ques. : 409 What is the primary difference between viruses and a worm?

- | | |
|---|--|
| 1) A worm has the ability to self-propagate From an infected user's computer to other Computers | 2) A worm is usually written by a cracker: Script bunnies do not have the skills to Develop a worm program |
| 3) A virus is very harmful to the computers it Infects: a worm is not a serious, a problem | 4) Anti-virus software is effective in fighting Viruses but not worms |
| 5) None of the above | Ans.) 3 |

Ques. : 410 You must install this on a network if you want to Share a broadband Internet connection.

- | | |
|------------------|----------------|
| 1) router | 2) Modem |
| 3) Node | 4) Cable |
| 5) None of these | Ans.) 1 |

Ques. : 411 Companies use which of the following vendors to provide access to software and services rather than purchasing the applications and maintaining the applications themselves ?

- | | |
|----------------------------------|---------------------|
| 1) Open source vendors | 2) Alliances |
| 3) Application service providers | 4) All of the above |
| 5) None of these | Ans.) 3 |

Ques. : 412 Which one of the following would be considered as a way that a computer virus can enter a computer system ?

- | | |
|--|--------------------------------|
| 1) Opening an application previously installed on the computer | 2) Borrowed copies of software |
| 3) Viewing a website without causing any additional transactions | 4) Running antivirus programs |
| 5) None of these | Ans.) 2 |

Ques. : 413 . Collecting personal information and effectively posing as another individual is known as the crime of—

- | | |
|------------------|-------------------|
| 1) spooling | 2) identity theft |
| 3) spoofing | 4) hacking |
| 5) None of these | Ans.) 2 |

Ques. : 414 The first step in the transaction processing cycle is _____

- | | |
|------------------------|-----------------|
| 1) database operations | 2) audit |
| 3) data entry | 4) user inquiry |
| 5) None of these | Ans.) 3 |

Ques. : 415 In the information systems concept, the output function involves _____

- | | |
|--|--|
| 1) Capturing and assembling elements that enter the system to be processed | 2) Transformation processes that convert input into output |
| 3) Transferring elements that have been produced by a transformation process to their ultimate destination | 4) Monitoring and evaluating feedback to determine whether a system is moving toward the achievement of its goal |
| 5) None of these | Ans.) 1 |

Ques. : 416 What SQL command can be used to delete columns from a table ?

- | | |
|--|---|
| 1) MODIFY TABLE Table Name DROP COLUMN Column Name | 2) MODIFY TABLE Table Name DROP Column Name Column Name |
| 3) ALTER TABLE Table Name DROP Column Name | 4) 1 and 2 |
| 5) None of these | Ans.) 3 |

Ques. : 417 Which of the following modifications may not succeed?

- | | |
|--|---|
| 1) Changing a column data type from char to date | 2) Changing a column data type from numeric to char |
| 3) Both of the above actions should succeed | 4) Neither of the above actions will succeed |
| 5) None of these | Ans.) 1 |

Ques. : 418 Changing cardinalities in a database is

- | | |
|---|--|
| 1) A common database design task | 2) A rare database design task, but does occur |
| 3) A database design task that never occurs | 4) Is impossible to do, so a new database must be constructed and the data moved into it |

5) None of these **Ans.) 1**

Ques. : 419 A regular sub query can be processed

- | | |
|----------------------|-----------------------|
| 1) From the top down | 2) From the bottom up |
| 3) By nesting | 4) From the right up |
| 5) None of these | Ans.) 2 |

Ques. : 420 How many copies of the database schema are typically used in the redesign process ?

- | | |
|------------------|----------------|
| 1) One | 2) Two |
| 3) Three | 4) Four |
| 5) None of these | Ans.) 3 |

Ques. : 421 Which organizational layer is responsible for developing the goals and strategies as outlined by the top-most level of management?

- | | |
|---------------------------|----------------------------|
| 1) Tactical management | 2) Strategic management |
| 3) Operational management | 4) Nonmanagement employees |
| 5) None of these | Ans.) 2 |

Ques. : 422 Which of the following is collective information about customers, competitors, business partners, competitive environments, and internal operations?

- | | |
|-------------------------------|----------------------------|
| 1) Aggregate Data | 2) External Knowledge |
| 3) Business Intelligence (BI) | 4) Information Granularity |
| 5) None of these | Ans.) 3 |

Ques. : 423 What term is used to describe information coming into a computer that is in bad form, or is incorrect, and will improperly affect the decision-making process?

- | | |
|----------------------|------------------|
| 1) GIGO | 2) Tainted data |
| 3) Dirty information | 4) Scrubbed data |
| 5) None of these | Ans.) 1 |

Ques. : 424 Which type of worker knows how and when to apply technology?

- | | |
|-----------------------|---|
| 1) Computer scientist | 2) Technology-literate knowledge worker |
| 3) Technology analyst | 4) Computer savvy |
| 5) None of these | Ans.) 2 |

Ques. : 425 Which type of software coordinates the interaction of technology devices?

- | | |
|-------------------------|---------------------|
| 1) Application software | 2) Utility software |
| 3) RAM | 4) Systems software |
| 5) None of these | Ans.) 4 |

Ques. : 426 Computers manipulate data in many ways, and this manipulation is called—

- | | |
|------------------|----------------|
| 1) utilizing | 2) batching |
| 3) upgrading | 4) processing |
| 5) None of these | Ans.) 4 |

Ques. : 427 Software applies, also called algorithms, to process data.

- | | |
|------------------|----------------|
| 1) arithmetic | 2) procedures |
| 3) objects | 4) rules |
| 5) None of these | Ans.) 1 |

Ques. : 428 A file extension is separated from the main file name with a(n), but no spaces.

- | | |
|------------------|---------------------|
| 1) question mark | 2) exclamation mark |
|------------------|---------------------|

- 3) underscore
4) period
5) None of these
Ans.) 5

Ques. : 429 An ad hoc query is a _____

- 1) pre-planned question
2) pre-scheduled question
3) spur-of-the-moment question
4) question that will not return any results
5) None of these
Ans.) 2

Ques. : 430 A Web consists of one or more Web pages located on a Web server.

- 1) hub
2) site
3) story
4) template
5) None of these
Ans.) 2

Ques. : 431 Approximately how many bytes make one megabyte ?

- 1) One thousand
2) Ten thousand
3) One hundred
4) One million
5) None of these
Ans.) 4

Ques. : 432 Storage and memory differ with respect to which of the following characteristics ?

- 1) Price
2) Reliability
3) Speed
4) All of these
5) None of these
Ans.) 4

Ques. : 433 What is e-commerce ?

- 1) Buying and selling international goods
2) Buying and selling products and services over the Internet
3) Buying and selling products and services not found in stores
4) Buying and selling products having to do with computers
5) Buying and selling of electronic goods
Ans.) 2

Ques. : 434 Which media have the ability to have data/information stored (written) on them by users more than once ?

- 1) CD-R disks
2) CD-RW disks
3) Zip disks
4) OptiDisks
5) Word processing
Ans.) 5

Ques. : 435 Which of the following functions are not performed by servers ?

- 1) Email processing
2) Database sharing
3) Processing Web sites
4) Storage
5) Both CD-RW disks and Zip disks
Ans.) 1

Ques. : 436 To move the cursor to the end of the document press

- 1) Ctrl + Esc
2) Ctrl + End
3) Ctrl + B
4) Ctrl + c
5) None of these
Ans.) 2

Ques. : 437 The shortcut key to print documents is

- 1) Ctrl + A
2) Ctrl + B
3) Ctrl + P
4) Ctrl + C
5) None of these
Ans.) 3

Ques. : 438 The simultaneous processing of two or more Programs by multiple processors is

- 1) Multiprogramming
2) Multitasking

- 3) Time-sharing
5) None of these
- 4) Multiprocessing
Ans.) 4

Ques. : 439 First layer in the OSI reference model is

- 1) Data link
3) Physical
5) None of these
- 2) Network
4) Application
Ans.) 3

Ques. : 440 Data security threats include

- 1) Hardware failure
3) Fraudulent manipulation of data
5) None of these
- 2) Privacy invasion
4) All of the above
Ans.) 2

Ques. : 441 Which of the following is NOT a type of Broadband internet connection?

- 1) Cable
3) Dial-up
5) None of these
- 2) DSL
4) Satellite
Ans.) 3

Ques. : 442 in making a field this property show that it Cannot be left blank

- 1) Numeric
3) Calculated
5) None of these
- 2) Required
4) Validated
Ans.) 2

Ques. : 443 There are viruses that are triggered by the Passage of time or on a certain date

- 1) Boot-sector viruses
3) Time bombs
5) None of these
- 2) Macro viruses
4) Worms
Ans.) 3

Ques. : 444 The internet is

- 1) A large network of networks
3) A communication system for the Indian Government
5) None of the above
- 2) An internal communication system for a Business
4) All of the above
Ans.) 4

Ques. : 445 The main system board of a computer is called the.....

- 1) Integrated circuit
3) Processor
5) None of these
- 2) Motherboard
4) Microchip
Ans.) 2

Ques. : 446 If the bit rate for an FSK signal is 1200 bps, the baud rate is _____.

- 1) 300
3) 600
5) None of these
- 2) 400
4) 1200
Ans.) 4

Ques. : 447 Which of the following is not a digital-to-analog conversion?

- 1) ASK
3) FSK
5) None of these
- 2) PSK
4) AM
Ans.) 4

Ques. : 448 . In _____, the amplitude of the carrier signal is varied to create signal elements. Both frequency and phase remain constant.

- | | |
|------------------|---------|
| 1) ASK | 2) PSK |
| 3) FSK | 4) QAM |
| 5) None of these | Ans.) 1 |

Ques. : 449 . The Federal Communications Commission (FCC) allows _____ kHz for each AM station.

- | | |
|-------|---------|
| 1) 5 | 2) 10 |
| 3) 20 | 4) 25 |
| 5) 30 | Ans.) 2 |

Ques. : 450 . While there is (are) only _____ way(s) to send parallel data, there is (are) three subclass(es) of serial transmission

- | | |
|------------------|---------------------|
| 1) one; two | 2) two; three |
| 3) one; three | 4) all of the above |
| 5) None of these | Ans.) 3 |

Ques. : 451 When you save to this, your data will remain intact even when the computer is turned off

- | | |
|-----------------------------|---------------------------|
| 1) RAM | 2) Motherboard |
| 3) Secondary storage device | 4) Primary storage device |
| 5) None of the above | Ans.) 3 |

Ques. : 452 Ab e-mail account includes a storage area, often called a(n)

- | | |
|------------------|---------------|
| 1) Attachment | 2) Hyperlink |
| 3) Mailbox | 4) IP address |
| 5) None of these | Ans.) 3 |

Ques. : 453 The _____ tells the computer how to use its components.

- | | |
|------------------------|---------------------|
| 1) Utility | 2) Network |
| 3) Application program | 4) Operating system |
| 5) None of the above | Ans.) 4 |

Ques. : 454 A set of computer programs that helps a computer monitor itself and function more efficiently is a/an

- | | |
|----------------------|--------------------------|
| 1) Windows | 2) System Software |
| 3) DBMS | 4) Applications Software |
| 5) None of the above | Ans.) 2 |

Ques. : 455 With a CD you can

- | | |
|----------------------|-------------------------|
| 1) Read | 2) Write |
| 3) Read and write | 4) Either read or write |
| 5) None of the above | Ans.) 1 |

Ques. : 456 You would use this software to create spreadsheets, type documents, and edit photos

- | | |
|------------------|--------------|
| 1) Application | 2) Utility |
| 3) System | 4) Operating |
| 5) None of these | Ans.) 1 |

Ques. : 457 Which key is used in combination with another key to perform a specific task ?

- | | |
|------------------|--------------|
| 1) Function | 2) Space bar |
| 3) Arrow | 4) Control |
| 5) None of these | Ans.) 4 |

Ques. : 458 Various applications and documents are represented on the Windows desktop by

- | | |
|------------|-----------|
| 1) Symbols | 2) Labels |
|------------|-----------|

- 3) Graphs
5) None of these
- 4) Icons
Ans.) 4

Ques. : 459 The contents of il- are lost when the computer turns off

- 1) Storage
3) Output
5) None of these
- 2) Input
4) Memory
Ans.) 1

Ques. : 460 It is the term given to the act of stealing someone identity and ruining their credit rating

- 1) Find Error
3) Identity theft
5) None of these
- 2) Identity
4) Virus Indefinites
Ans.) 3

Ques. : 461 The following is responsible for number of logical records in a physical record

- 1) Blocking factor
3) Boolean algebra
5) None of these
- 2) Block
4) All of the above
Ans.) 1

Ques. : 462 An operation in which data is moved to a different location is referred as

- 1) Block move
3) Delete
5) None of these
- 2) Street move
4) All of the above
Ans.) 1

Ques. : 463 A group of related items/section of program oding treated as a unit is referred as

- 1) Block
3) Street 1
5) None of these
- 2) Duplex
4) All of the above
Ans.) 1

Ques. : 464 BLOB is

- 1) Binary Large Object
3) Object oriented language
5) None of these
- 2) A long bit string representing complex data
4) Only 1. and 2. are true
Ans.) 4

Ques. : 465 Broadband channel is the

- 1) The fastest carriers where data transfer rates is of 1 million baud (bits/second) or more
3) Musical channel
5) None of these
- 2) The slower carriers where data transfer rates is of 56k baud
4) All of the above
Ans.) 1

Ques. : 466 What is the full form of CRT?

- 1) current ray tube
3) cathode ray tube
5) None of these
- 2) current ray technology
4) cathode ray technology
Ans.) 3

Ques. : 467 What do you call the rules of a programming language?

- 1) Procedures
3) Assembly
5) None of these
- 2) Login
4) Syntax
Ans.) 4

Ques. : 468 ____ transforms one interface into another interface

- 1) Program
3) Data
- 2) Software
4) compiler

5) None of these **Ans.) 2**

Ques. : 469 Poor response times are usually caused by

- | | |
|----------------------|---------------------|
| 1) Process busy | 2) High I/O rates |
| 3) High paging rates | 4) Any of the above |
| 5) None of these | Ans.) 4 |

Ques. : 470 Which of the following program is not a utility?

- | | |
|------------------|---------------------|
| 1) Debugger | 2) Editor |
| 3) Spooler | 4) all of the above |
| 5) None of these | Ans.) 3 |

Ques. : 471 System software are of two types operating systems and

- | | |
|-------------------|---------------------|
| 1) applications | 2) word processing |
| 3) language trans | 4) all of the above |
| 5) None of these | Ans.) 3 |

Ques. : 472 Debugging tools are there to debug errors in

- | | |
|------------------|----------------|
| 1) printers | 2) keyboards |
| 3) programs | 4) language |
| 5) None of these | Ans.) 3 |

Ques. : 473 There are two basic types of disks-floppy disk and

- | | |
|------------------|---------------------|
| 1) low disk | 2) hard disk |
| 3) soft disk | 4) all of the above |
| 5) None of these | Ans.) 2 |

Ques. : 474 It is a collection of facts and figures

- | | |
|------------------|----------------|
| 1) data | 2) information |
| 3) processing | 4) file |
| 5) None of these | Ans.) 1 |

Ques. : 475 It converts accepted instructions into machine language

- | | |
|--------------------|----------------|
| 1) input unit | 2) output unit |
| 3) processing unit | 4) memory unit |
| 5) None of these | Ans.) 1 |

Ques. : 476 The internet is

- | | |
|---|--|
| 1) A large network of networks | 2) An internal communication system for a Business |
| 3) A communication system for the Indian Government | 4) All of the above |
| 5) None of the above | Ans.) 4 |

Ques. : 477 What is a backup?

- | | |
|---|--|
| 1) Restoring the information backup | 2) An exact copy of a system's information |
| 3) The ability to get a system up and running In the event of a system crash or failure | 4) All of the above |
| 5) None of the above | Ans.) 4 |

Ques. : 478 There are viruses that are triggered by the Passage of time or on a certain date

- | | |
|------------------------|------------------|
| 1) Boot-sector viruses | 2) Macro viruses |
| 3) Time bombs | 4) Worms |

5) None of these **Ans.) 3**

Ques. : 479 in making a field this property show that it Cannot be left blank

- | | |
|------------------|----------------|
| 1) Numeric | 2) Required |
| 3) Calculated | 4) Validated |
| 5) None of these | Ans.) 2 |

Ques. : 480 Which of the following is NOT a type of Broadband internet connection?

- | | |
|------------------|----------------|
| 1) Cable | 2) DSL |
| 3) Dial-up | 4) Satellite |
| 5) None of these | Ans.) 3 |

Ques. : 481 IEEE has defined the specifications for a wireless LAN, called _____, which covers the physical and data link layers.

- | | |
|------------------|----------------|
| 1) IEEE 802.3 | 2) IEEE 802.5 |
| 3) IEEE 802.11 | 4) IEEE 802.2 |
| 5) None of these | Ans.) 3 |

Ques. : 482 In IEEE 802.11, a ____ is made of stationary or mobile wireless stations and an optional central base station, known as the access point (AP).

- | | |
|----------------------|---------------------|
| 1) ESS | 2) BSS |
| 3) CSS | 4) all of the above |
| 5) none of the above | Ans.) 2 |

Ques. : 483 In IEEE 802.11, a BSS without an AP is called an _____.

- | | |
|---------------------------|------------------------------|
| 1) an ad hoc architecture | 2) an infrastructure network |
| 3) client server network | 4) either a or b |
| 5) None of these | Ans.) 1 |

Ques. : 484 In IEEE 802.11, communication between two stations in two different BSSs usually occurs via two _____.

- | | |
|----------------------|---------------------|
| 1) BSSs | 2) ESSs |
| 3) APs | 4) all of the above |
| 5) none of the above | Ans.) 3 |

Ques. : 485 In IEEE 802.11, a station with _____ mobility is either stationary (not moving) or moving only inside a BSS.

- | | |
|----------------------|---------------------|
| 1) no-transition | 2) BSS-transition |
| 3) ESS-transition | 4) all of the above |
| 5) none of the above | Ans.) 1 |

Ques. : 486 It converts accepted instructions into machine language

- | | |
|--------------------|----------------|
| 1) input unit | 2) output unit |
| 3) processing unit | 4) memory unit |
| 5) None of these | Ans.) 1 |

Ques. : 487 By default the bottom margin in the word document is

- | | |
|------------------|----------------|
| 1) 2 inch | 2) 1 inch |
| 3) 3 inch | 4) 1.5 inch |
| 5) None of these | Ans.) 2 |

Ques. : 488 A file name cannot contain in MS-Word database file

- | | |
|-------------|-----------|
| 1) a letter | 2) number |
|-------------|-----------|

- 3) underscore
4) space
5) None of these
Ans.) 4

Ques. : 489 Selection of text involves only

- 1) single word
2) line or multiple lines
3) paragraph or paragraphs and complete document
4) All of the above
5) None of these
Ans.) 4

Ques. : 490 'Replace' option is available in

- 1) Edit menu
2) File menu
3) Tools menu
4) Insert menu
5) None of these
Ans.) 1

Ques. : 491 The purpose of the primary key in a database is to

- 1) Unlock the database
2) Provide a map of the data
3) Uniquely identify a record
4) Establish constraints on database operations
5) None of the above
Ans.) 2

Ques. : 492 The instructions that tell a computer how to carry out the processing tasks are referred to as computer

- 1) Programs
2) Processors
3) Input devices
4) Memory modules
5) None of these
Ans.) 1

Ques. : 493 The _____ is the amount of data that a storage device can move from the storage medium to the computer per second.

- 1) Data migration rate
2) Data digitizing rate
3) Data transfer rate
4) Data access rate
5) None of these
Ans.) 3

Ques. : 494 C, BASIC, COBOL and Java examples of _languages.

- 1) Low-level
2) Computer
3) System programming
4) High-level
5) None of the above
Ans.) 2

Ques. : 495 A _____ is a microprocessor-based computing device.

- 1) Personal computer
2) Mainframe
3) Workstation
4) Server
5) None of these
Ans.) 1

Ques. : 496 What type of network is commonly used in a college lab environment?

- 1) WAN
2) MAN
3) LAN
4) CAN
5) None of these
Ans.) 3

Ques. : 497 What is the term used to describe the amount of space you have to transmit to and from the Internet?

- 1) Internet speed
2) Network speed
3) Router
4) Bandwidth
5) None of these
Ans.) 4

Ques. : 498 Which of the following high-speed circuits is the fastest?

- 1) T1
2) T2
3) T3
4) DS3

5) None of these **Ans.) 4**

Ques. : 499 What type of communication media is the most widely used cabling for data transfer today?

- | | |
|------------------|------------------|
| 1) Cat 5 | 2) Twisted pair |
| 3) Coaxial | 4) Optical fiber |
| 5) None of these | Ans.) 1 |

Ques. : 500 What type of network device allows you to share your connection to the Internet with other computers in your home?

- | | |
|------------------|----------------|
| 1) Ethernet card | 2) NIC |
| 3) Router | 4) Cat 5 |
| 5) None of these | Ans.) 3 |

Ques. : 501 To open a new file in MS-Word, the shortcut key is

- | | |
|------------------|----------------|
| 1) Ctrl + X | 2) Ctrl + N |
| 3) Ctrl + Y | 4) Ctrl + V |
| 5) None of these | Ans.) 2 |

Ques. : 502 What is the term used for the word processing programs that show you directly on the PC screen the appearance of your final document as you might expect on the paper?

- | | |
|---------------------|----------------|
| 1) Search & Replace | 2) Pagination |
| 3) Soft Copy | 4) WYSIWYG |
| 5) None of these | Ans.) 4 |

Ques. : 503 Alignment buttons are available on which toolbar?

- | | |
|------------------|----------------|
| 1) Status | 2) Standard |
| 3) Formatting | 4) a and b |
| 5) None of these | Ans.) 3 |

Ques. : 504 Which of the following is not an option of edit menu?

- | | |
|------------------|----------------|
| 1) Cut | 2) Copy |
| 3) Paste | 4) Page setup |
| 5) None of these | Ans.) 4 |

Ques. : 505 A file name cannot contain in MS-Word database file

- | | |
|------------------|----------------|
| 1) a letter | 2) number |
| 3) underscore | 4) space |
| 5) None of these | Ans.) 4 |

Ques. : 506 Analyzing the current system is performed during the _____ phase.

- | | |
|-------------------|-------------------|
| 1) development | 2) design |
| 3) implementation | 4) needs analysis |
| 5) None of these | Ans.) 4 |

Ques. : 507 In _____, team members start with the big picture and move to the details.

- | | |
|------------------------------------|-----------------------------|
| 1) top-down design | 2) bottom-up design |
| 3) object oriented system analysis | 4) rapid application design |
| 5) None of these | Ans.) 1 |

Ques. : 508 A _____ is very good at accepting written input

- | | |
|--------------|-----------|
| 1) pen | 2) stylus |
| 3) tablet PC | 4) mouse |

5) none of these **Ans.) 3**

Ques. : 509 The pattern of printed lines on most products are called _____.

- | | |
|------------------|----------------|
| 1) prices | 2) barcodes |
| 3) scanners | 4) OCR |
| 5) none of these | Ans.) 2 |

Ques. : 510 To convert paper into an editable document, a scanner would employ _____ technology.

- | | |
|------------------|----------------|
| 1) UPC | 2) scanning |
| 3) conversion | 4) OCR |
| 5) none of these | Ans.) 4 |

Ques. : 511 To place your image into a live video conference, a _____ is usually used.

- | | |
|------------------|-------------------|
| 1) webcam | 2) digital camera |
| 3) video camera | 4) scanner |
| 5) none of these | Ans.) 1 |

Ques. : 512 Speech recognition programs must eliminate _____ before they can successfully recognize the spoken sounds.

- | | |
|------------------|---------------------|
| 1) jargon | 2) dialects |
| 3) accents | 4) background noise |
| 5) none of these | Ans.) 4 |

Ques. : 513 There are three sampling methods: _____.

- | | |
|----------------------------------|---------------------------------|
| 1) quantized, sampled, and ideal | 2) ideal, sampled, and flat-top |
| 3) ideal, natural, and flat-top | 4) all of the above |
| 5) None of these | Ans.) 3 |

Ques. : 514 _____ finds the value of the signal amplitude for each sample; _____ finds the change from the previous sample.

- | | |
|------------------|---------------------|
| 1) DM; PCM | 2) PCM; DM |
| 3) DM; CM | 4) all of the above |
| 5) None of these | Ans.) 2 |

Ques. : 515 The first step in PCM is _____.

- | | |
|------------------|---------------------|
| 1) quantization | 2) modulation |
| 3) sampling | 4) all of the above |
| 5) None of these | Ans.) 3 |

Ques. : 516 What is the name of the series of Laptop computers manufactured by IBM called?

- | | |
|------------------|----------------|
| 1) LapPad | 2) ThinkPad |
| 3) Aptiva | 4) Notepad |
| 5) None of these | Ans.) 2 |

Ques. : 517 What is the name of the 64-bit Microprocessor developed by AMD?

- | | |
|------------------|----------------|
| 1) Opteron | 2) RISC-9000 |
| 3) iMac | 4) Athlon |
| 5) None of these | Ans.) 1 |

Ques. : 518 Which computer peripheral manufacturer quotes "Empowering your PC"?

- | | |
|------------------|----------------|
| 1) Canon | 2) Epson |
| 3) Mercury | 4) Samsung |
| 5) None of these | Ans.) 3 |

Ques. : 519 Nortel is a company which manufactures:

- | | |
|------------------|----------------------|
| 1) Software | 2) Processors |
| 3) Cables | 4) Network equipment |
| 5) None of these | Ans.) 4 |

Ques. : 520 Data (information) is stored in computers as

- | | |
|------------------|----------------|
| 1) Files | 2) Directories |
| 3) Floppies | 4) Matter |
| 5) None of these | Ans.) 1 |

Ques. : 521 Page stealing

- | | |
|-------------------------------------|---|
| 1) Is a sign of an efficient system | 2) Is taking page frames from other working sets |
| 3) Should be the tuning goal | 4) Is taking larger disk spaces for pages paged out |
| 5) None of these | Ans.) 2 |

Ques. : 522 The processing of an application takes place between a client and a ____ processor.

- | | |
|------------------|-----------------|
| 1) Front end | 2) Back end |
| 3) Middle end | 4) Both A and B |
| 5) None of these | Ans.) 4 |

Ques. : 523 The ____ is not formal enough to be implemented directly in a programming language.

- | | |
|-------------------------------|-------------------|
| 1) Object oriented data model | 2) ER model |
| 3) Object oriented model | 4) Analysis model |
| 5) None of these | Ans.) 1 |

Ques. : 524 Which of the following device can store large amounts of data?

- | | |
|------------------|----------------|
| 1) Floppy Disk | 2) Hard Disk |
| 3) CDROM | 4) Zip Disk |
| 5) None of these | Ans.) 2 |

Ques. : 525 Which of the following is not a valid capacity of a floppy disk?

- | | |
|------------------|----------------|
| 1) 360KB | 2) 720KB |
| 3) 1.24 MB | 4) 1.44 MB |
| 5) None of these | Ans.) 3 |

Ques. : 526 Which of the following device is used only in LAN (Local Area Network)?

- | | |
|------------------|----------------|
| 1) Gateway | 2) Modem |
| 3) NIC | 4) Router |
| 5) None of these | Ans.) 3 |

Ques. : 527 Which program can be used for email?

- | | |
|----------------------|--------------------|
| 1) Internet Explorer | 2) Outlook Express |
| 3) NetMeeting | 4) FrontPage |
| 5) None of these | Ans.) 2 |

Ques. : 528 cable carries signals in the form of fluctuating light in a glass.

- | | |
|-----------------------|-----------------|
| 1) Coaxial | 2) Twisted pair |
| 3) Two wire open line | 4) Fiber optics |
| 5) None of these | Ans.) 4 |

Ques. : 529 _____ is used for scanning the pictures and putting them in digitized form in the computer.

- | | |
|------------------|----------------|
| 1) CD-ROM | 2) Plotter |
| 3) Bar-coder | 4) Scanner |
| 5) None of these | Ans.) 4 |

Ques. : 530 Which statement is valid?

- | | |
|----------------------|----------------------|
| 1) 1 KB = 8 bytes | 2) 1 MB = 8 KB |
| 3) 1 KB = 1024 bytes | 4) 1 MB = 1024 bytes |
| 5) None of these | Ans.) 3 |

Ques. : 531 Bit stuffing means adding an extra 0 to the data section of the frame when there is a sequence of bits with the same pattern as the _____.

- | | |
|----------------------|------------------|
| 1) header | 2) trailer |
| 3) flag | 4) All the above |
| 5) none of the above | Ans.) 3 |

Ques. : 532 . _____ control refers to a set of procedures used to restrict the amount of data that the sender can send before waiting for acknowledgment.

- | | |
|----------------------|------------------|
| 1) Flow | 2) Error |
| 3) Transmission | 4) All the above |
| 5) none of the above | Ans.) 1 |

Ques. : 533 The Simplest Protocol and the Stop-and-Wait Protocol are for _____ channels.

- | | |
|------------------------|----------------------|
| 1) noisy | 2) noiseless |
| 3) error free | 4) either (a) or (b) |
| 5) neither (a) nor (b) | Ans.) 2 |

Ques. : 534 . In Go-Back-N ARQ, if frames 4, 5, and 6 are received successfully, the receiver may send an ACK _____ to the sender.

- | | |
|------------------|----------------|
| 1) 5 | 2) 6 |
| 3) 7 | 4) 8 |
| 5) none of these | Ans.) 3 |

Ques. : 535 In a Go-Back-N ARQ, if the window size is 63, what is the range of sequence numbers?

- | | |
|------------------|----------------|
| 1) 0 to 63 | 2) 0 to 64 |
| 3) 1 to 63 | 4) 1 to 64 |
| 5) none of these | Ans.) 1 |

Ques. : 536 On receiving an interrupt from an I/O device, the CPU

- | | |
|---|--|
| 1) halts for predetermined time | 2) branches off to the interrupt service routine after completion of the current instruction |
| 3) hands over control of address bus and data bus to the interrupting device. | 4) branches off to the interrupt service routine immediately. |
| 5) None of these | Ans.) 2 |

Ques. : 537 Data security threats include

- | | |
|------------------------------------|------------------------------|
| 1) privacy invasion | 2) hardware failure |
| 3) fraudulent manipulation of data | 4) encryption and decryption |
| 5) None of these | Ans.) 3 |

Ques. : 538 Dijkstra banking algorithm in an operating system, solves the problem of

- | | |
|-----------------------|----------------------|
| 1) deadlock avoidance | 2) deadlock recovery |
| 3) mutual exclusion | 4) context switching |

5) None of these **Ans.) 1**

Ques. : 539 The amount of uncertainty in a system of symbol is called

- | | |
|------------------|----------------|
| 1) Bandwidth | 2) Entropy |
| 3) Loss | 4) Quantum |
| 5) None of these | Ans.) 2 |

Ques. : 540 Main aim of software engineering is to produce

- | | |
|------------------|---|
| 1) program | 2) software |
| 3) within budget | 4) software within budget in the given schedule |
| 5) None of these | Ans.) 4 |

Ques. : 541 When the angle of incidence is _____ the critical angle, the light beam bends along the interface

- | | |
|------------------|-----------------|
| 1) more than | 2) less than |
| 3) equal to | 4) all of above |
| 5) None of these | Ans.) 3 |

Ques. : 542 Signals with a frequency below 2 MHz use _____ propagation

- | | |
|------------------|-----------------|
| 1) ground | 2) sky |
| 3) line-of-sight | 4) all of above |
| 5) None of these | Ans.) 1 |

Ques. : 543 Signals with a frequency between 2 MHz and 30 MHz use _____ propagation

- | | |
|----------------------|-----------------|
| 1) ground | 2) sky |
| 3) line-of-sight | 4) all of above |
| 5) none of the above | Ans.) 2 |

Ques. : 544 Signals with a frequency above 30 MHz use _____ propagation

- | | |
|------------------|-----------------|
| 1) ground | 2) sky |
| 3) line-of-sight | 4) all of above |
| 5) None of these | Ans.) 3 |

Ques. : 545 A parabolic dish antenna is a(n) _____ antenna.

- | | |
|--------------------|------------------|
| 1) omnidirectional | 2) bidirectional |
| 3) unidirectional | 4) horn |
| 5) None of these | Ans.) 3 |

Ques. : 546 The _____ layer is responsible for the process-to-process delivery of the entire message.

- | | |
|------------------|----------------|
| 1) transport | 2) network |
| 3) data link | 4) physical |
| 5) None of these | Ans.) 1 |

Ques. : 547 The _____ layer establishes, maintains, and synchronizes the interactions between communicating devices.

- | | |
|------------------|----------------|
| 1) transport | 2) network |
| 3) session | 4) physical |
| 5) None of these | Ans.) 3 |

Ques. : 548 The _____ layer ensures interoperability between communicating devices through transformation of data into a mutually agreed upon format.

- | | |
|--------------|-----------------|
| 1) transport | 2) network |
| 3) data link | 4) presentation |

5) None of these **Ans.) 4**

Ques. : 549 The _____ layer enables the users to access the network.

- | | |
|------------------|----------------|
| 1) transport | 2) application |
| 3) data link | 4) physical |
| 5) None of these | Ans.) 2 |

Ques. : 550 TCP/IP is a _____ hierarchical protocol suite developed _____ the OSI model.

- | | |
|------------------------|-----------------------|
| 1) seven-layer; before | 2) five-layer; before |
| 3) six-layer; before | 4) five-layer; after |
| 5) None of these | Ans.) 2 |

Ques. : 551 Data Warehouse provides

- | | |
|-------------------------------------|---|
| 1) Transaction Responsiveness | 2) Storage, Functionality Responsiveness to queries |
| 3) Demand and supply Responsiveness | 4) All the above |
| 5) None of the above | Ans.) 2 |

Ques. : 552 CPU does not perform the operation

- | | |
|-------------------------|---------------------|
| 1) data transfer | 2) logic operation |
| 3) arithmetic operation | 4) all of the above |
| 5) None of these | Ans.) 4 |

Ques. : 553 Start and stop bits are used in serial communications for

- | | |
|--------------------|-----------------------------------|
| 1) Error detection | 2) Error correction |
| 3) Synchronization | 4) Slowing down the communication |
| 5) None of these | Ans.) 3 |

Ques. : 554 Design recovery from source code is done during

- | | |
|------------------------|---------------------|
| 1) reverse engineering | 2) re-engineering |
| 3) reuse | 4) all of the above |
| 5) None of these | Ans.) 1 |

Ques. : 555 Hub is a term used with

- | | |
|--------------------|--------------------|
| 1) A Star Networks | 2) A Ring Networks |
| 3) A Router | 4) A Bridge |
| 5) None of these | Ans.) 1 |

Ques. : 556 While there is (are) only _____ way(s) to send parallel data, there is (are) three subclass(es) of serial transmission.

- | | |
|----------------------|---------------------|
| 1) one; two | 2) two; three |
| 3) one; three | 4) all of the above |
| 5) none of the above | Ans.) 3 |

Ques. : 557 . In _____ transmission, we send 1 start bit (0) at the beginning and 1 or more stop bits (1s) at the end of each byte.

- | | |
|----------------------|---------------------|
| 1) synchronous | 2) asynchronous |
| 3) isochronous | 4) all of the above |
| 5) none of the above | Ans.) 2 |

Ques. : 558 In _____, the level of the voltage determines the value of the bit.

- | | |
|----------|---------------------|
| 1) NRZ-I | 2) NRZ-L |
| 3) TNL-L | 4) both (a) and (b) |

5) neither (a) nor (b)

Ans.) 2

Ques. : 559 In _____ encoding, we use three levels: positive, zero, and negative.

1) unipolar

2) bipolar

3) polar

4) all of the above

5) None of these

Ans.) 2

Ques. : 560 _____ encoding has a transition at the beginning of each 0 bit.

1) RZ

2) Manchester

3) Differential Manchester

4) all of the above

5) None of these

Ans.) 3

Ques. : 561 _____ is the process of converting digital data to a digital signal.

1) Block coding

2) Line coding

3) Scrambling

4) all of the above

5) None of the above

Ans.) 2

Ques. : 562 _____ provides synchronization without increasing the number of bits.

1) Scrambling

2) Line coding

3) Block coding

4) all of the above

5) None of the above

Ans.) 1

Ques. : 563 ASK, PSK, FSK, and QAM are examples of _____ conversion.

1) digital-to-digital

2) digital-to-analog

3) analog-to-analog

4) analog-to-digital

5) none of these

Ans.) 2

Ques. : 564 The Federal Communications Commission (FCC) allows _____ kHz for each AM station.

1) 5

2) 10

3) 20

4) 25

5) none of the above

Ans.) 2

Ques. : 565 Which of the following is not an analog-to-analog conversion?

1) AM

2) PM

3) FM

4) QAM

5) none of these

Ans.) 4

Ques. : 566 . A _____ is anything that can cause harm.

1) vulnerability

2) phish

3) phish

4) threat

5) None of these

Ans.) 4

Ques. : 567 In the right setting a thief will steal your information by simply watching what you type.

1) snagging

2) spying

3) social engineering

4) shoulder surfing

5) None of these

Ans.) 4

Ques. : 568 A _____ is a small program embedded inside of a GIF image.

1) web bug

2) cookie

3) spyware application

4) spam

5) None of these

Ans.) 1

Ques. : 569 A hacker contacts you my phone or email and attempts to acquire your password

- | | |
|------------------|----------------|
| 1) spoofing | 2) phishing |
| 3) spamming | 4) bugging |
| 5) None of these | Ans.) 2 |

Ques. : 570 The phrase _____ describes viruses, worms, Trojan horse attack applets, and attack scripts.

- | | |
|------------------|----------------|
| 1) malware | 2) spam |
| 3) phish | 4) virus |
| 5) None of these | Ans.) 1 |

Ques. : 571 If a process is under statistical control, then it is

- | | |
|------------------|----------------|
| 1) Maintainable | 2) Measurable |
| 3) Predictable | 4) Verifiable |
| 5) none of these | Ans.) 3 |

Ques. : 572 In which circuit switching, delivery of data is delayed because data must be stored and retrieved from RAM ?

- | | |
|-------------------|------------------|
| 1) Space division | 2) Time division |
| 3) Virtual | 4) Packet |
| 5) none of these | Ans.) 2 |

Ques. : 573 Which command is the fastest among the following ?

- | | |
|------------------|--------------------------------|
| 1) COPY TO | 2) COPY STRUCTURE TO |
| 3) COPY FILE | 4) COPY TO MFILE-DAT DELIMITED |
| 5) none of these | Ans.) 2 |

Ques. : 574 Leaves of which of the following trees are at the same level ?

- | | |
|------------------|--------------------|
| 1) Binary tree | 2) B-tree |
| 3) A VL-tree | 4) Expression tree |
| 5) none of these | Ans.) 2 |

Ques. : 575 The baud rate is

- | | |
|--|---|
| 1) always equal to the bit transfer rate | 2) equal to twice the bandwidth of an ideal channel |
| 3) not equal to the signalling rate | 4) equal to half of the bandwidth of an ideal channel |
| 5) none of these | Ans.) 2 |

Ques. : 576 Which of the following file transfer protocols use TCP and establishes two virtual circuits between the local and remote server ?

- | | |
|------------------|----------------|
| 1) FTP | 2) TFTP |
| 3) TELNET | 4) NFS |
| 5) none of these | Ans.) 1 |

Ques. : 577 Networks that use different technologies can be connected by using

- | | |
|------------------|----------------|
| 1) Packets | 2) Switches |
| 3) Bridges | 4) Routers |
| 5) none of these | Ans.) 4 |

Ques. : 578 What deletes the entire file except the file structure ?

- | | |
|------------------|----------------|
| 1) ERASE | 2) DELETE |
| 3) ZAP | 4) PACK |
| 5) none of these | Ans.) 3 |

Ques. : 579 Which of the following is the process by which a user's access to physical data in the application is limited,

based on his privileges ?

- | | |
|-------------------|-------------------|
| 1) Authorization | 2) Authentication |
| 3) Access Control | 4) All of these |
| 5) none of these | Ans.) 3 |

Ques. : 580 If the executing program size is greater than the existing RAM of a computer, it is still possible to execute the program if the OS supports:

- | | |
|----------------------|---------------------|
| 1) Multitasking | 2) virtual memory |
| 3) paging system | 4) all of the above |
| 5) none of the above | Ans.) 2 |

Ques. : 581 An example of a universal building block is :

- | | |
|------------------|----------------|
| 1) EX-OR Gate | 2) AND Gate |
| 3) OR gate | 4) NOR Gate |
| 5) None of these | Ans.) 4 |

Ques. : 582 An example of a layer that is absent in broadcast networks is

- | | |
|-------------------|-----------------------|
| 1) Physical layer | 2) Presentation layer |
| 3) Network layer | 4) application layer |
| 5) None of these | Ans.) 3 |

Ques. : 583 The ATM cell is :

- | | |
|------------------|------------------|
| 1) 48 bytes long | 2) 53 bytes long |
| 3) 64 bytes long | 4) 69 bytes long |
| 5) None of these | Ans.) 2 |

Ques. : 584 Congestion control is done by

- | | |
|-----------------------|----------------------|
| 1) Network layer | 2) Physical layer |
| 3) Presentation layer | 4) Application layer |
| 5) None of these | Ans.) 1 |

Ques. : 585 IP address in B class is given by:

- | | |
|------------------|------------------|
| 1) 125.123.123.2 | 2) 191.023.21.54 |
| 3) 192.128.32.56 | 4) 10.14.12.34 |
| 5) None of these | Ans.) 2 |

Ques. : 586 Black box testing is done

- | | |
|---|--|
| 1) To show that s/w is operational at its interfaces i.e. input and output. | 2) To examine internal details of code |
| 3) At client side | 4) all of the above |
| 5) None of the above | Ans.) 1 |

Ques. : 587 The unix command used to find out the number of characters in a file is

- | | |
|------------------|----------------|
| 1) nc | 2) wc |
| 3) chcnt | 4) lc |
| 5) None of these | Ans.) 2 |

Ques. : 588 A program is located in the smallest available hole in the memory is _____

- | | |
|------------------|----------------|
| 1) best-fit | 2) first-bit |
| 3) worst-fit | 4) buddy |
| 5) None of these | Ans.) 1 |

Ques. : 589 A page fault

- | | |
|---|---|
| 1) is an error specific page | 2) is an access to the page not currently in memory |
| 3) occur when a page program occur in a page memory | 4) page used in the previous page reference |
| 5) None of these | Ans.) 2 |

Ques. : 590 In the process management Round-robin method is essentially the pre-emptive version of _____.

- | | |
|------------------|-----------------------|
| 1) FILO | 2) FIFO |
| 3) SSF | 4) Longest time first |
| 5) None of these | Ans.) 2 |

Ques. : 591 The TCP/IP _____ layer is equivalent to the combined session, presentation, and application layers of the OSI model.

- | | |
|------------------|----------------|
| 1) application | 2) network |
| 3) data link | 4) physical |
| 5) None of these | Ans.) 1 |

Ques. : 592 What type of communication media is the most widely used cabling for data transfer today?

- | | |
|------------------|------------------|
| 1) Cat 5 | 2) Twisted pair |
| 3) Coaxial | 4) Optical fiber |
| 5) None of these | Ans.) 1 |

Ques. : 593 Which of the following high-speed circuits is the fastest?

- | | |
|------------------|----------------|
| 1) T1 | 2) T2 |
| 3) T3 | 4) DS3 |
| 5) None of these | Ans.) 4 |

Ques. : 594 What is the term used to describe the amount of space you have to transmit to and from the Internet?

- | | |
|-------------------|------------------|
| 1) Internet speed | 2) Network speed |
| 3) Router | 4) Bandwidth |
| 5) None of these | Ans.) 4 |

Ques. : 595 What is another name for a shared network?

- | | |
|---------------------|----------------|
| 1) WAP | 2) Switch |
| 3) Broadband router | 4) Hub |
| 5) None of these | Ans.) 4 |

Ques. : 596 Which of the following concepts means determining at runtime what method to invoke?

- | | |
|--------------------|--------------------|
| 1) Data hiding | 2) Dynamic Typing |
| 3) Dynamic loading | 4) Dynamic binding |
| 5) None of these | Ans.) 4 |

Ques. : 597 Which of the following term is used for a function defined inside a class?

- | | |
|---------------------|--------------------|
| 1) Member Variable | 2) Member function |
| 3) Classic function | 4) Class function |
| 5) None of these | Ans.) 2 |

Ques. : 598 Which of the following concepts of OOPS means exposing only necessary information to client?

- | | |
|---------------------|----------------|
| 1) Encapsulation | 2) Abstraction |
| 3) Data binding | 4) Data hiding |
| 5) all of the above | Ans.) 4 |

Ques. : 599 Which of the following is an abstract data type?

- | | |
|------------------|----------------|
| 1) int | 2) double |
| 3) string | 4) Class |
| 5) None of these | Ans.) 4 |

Ques. : 600 Which of the following concepts means adding new components to a program as it runs?

- | | |
|--------------------|--------------------|
| 1) Data hiding | 2) Dynamic typing |
| 3) Dynamic loading | 4) Dynamic binding |
| 5) None of these | Ans.) 3 |

Ques. : 601 How "Late binding" is implemented in C++?

- | | |
|---------------------------------|-----------------------------|
| 1) Using C++ tables | 2) Using Virtual tables |
| 3) Using Indexed virtual tables | 4) Using polymorphic tables |
| 5) None of these | Ans.) 2 |

Ques. : 602 Which of the following cannot be used with the keyword virtual?

- | | |
|------------------|---------------------|
| 1) class | 2) member functions |
| 3) constructor | 4) destructor |
| 5) None of these | Ans.) 3 |

Ques. : 603 Which one of the following options is correct about the statement given below? The compiler checks the type of reference in the object and not the type of object.

- | | |
|------------------|------------------|
| 1) Inheritance | 2) Polymorphism |
| 3) Abstraction | 4) Encapsulation |
| 5) None of these | Ans.) 2 |

Ques. : 604 Which of the following concepts is used to implement late binding?

- | | |
|---------------------|----------------------|
| 1) Virtual function | 2) Operator function |
| 3) Const function | 4) Static function |
| 5) None of these | Ans.) 1 |

Ques. : 605 Which of the following is a mechanism of static polymorphism?

- | | |
|-------------------------|-------------------------|
| 1) Operator overloading | 2) Function overloading |
| 3) Templates | 4) All of the above |
| 5) None of these | Ans.) 4 |

Ques. : 606 What term is used to identify people coming together from various geographical locations to complete some task?

- | | |
|----------------------|---------------------|
| 1) I-team | 2) Virtual team |
| 3) Online work group | 4) Distributed team |
| 5) none of these | Ans.) 2 |

Ques. : 607 What type of Web site allows visitors to create and maintain information posted on its site?

- | | |
|---------------------------------|----------------|
| 1) Open source site | 2) Wiki |
| 3) Knowledge construction sites | 4) FTP site |
| 5) none of these | Ans.) 2 |

Ques. : 608 Which person oversees an organization's entire information system?

- | | |
|------------------|----------------|
| 1) CTO | 2) CSO |
| 3) CIO | 4) CPO |
| 5) none of these | Ans.) 3 |

Ques. : 609 Which type of system includes all technology systems and software across an organization?

- | | |
|---|-----------------------------------|
| 1) Knowledge based systems | 2) Strategic information systems |
| 3) Enterprise resource planning systems | 4) Management information systems |
| 5) none of these | Ans.) 3 |

Ques. : 610 What is the term used to depict aged information systems that are technologically out-of-date?

- | | |
|---------------------------------|-------------------------------|
| 1) Outdated information systems | 2) Obsolete systems |
| 3) Archaic systems | 4) Legacy information systems |
| 5) none of these | Ans.) 4 |

Ques. : 611 Which of the following problem causes an exception?

- | | |
|--|----------------------------------|
| 1) Missing semicolon in statement in main(). | 2) A problem in calling function |
| 3) A syntax error | 4) A run-time error. |
| 5) None of these | Ans.) 4 |

Ques. : 612 What happens if the base and derived class contains definition of a function with same prototype?

- | | |
|--|---|
| 1) Compiler reports an error on compilation | 2) Only base class function will get called irrespective of object |
| 3) Only derived class function will get called irrespective of object. | 4) Base class object will call base class function and derived class object will call derived class function. |
| 5) none of the above | Ans.) 4 |

Ques. : 613 In which of the following a virtual call is resolved at the time of compilation?

- | | |
|--------------------------------|--------------------------------|
| 1) From inside the destructor. | 2) From inside the constructor |
| 3) From inside the main(). | 4) Both A and B. |
| 5) None of these | Ans.) 4 |

Ques. : 614 Which inheritance type is used in the class given below? class A : public X, public Y {}

- | | |
|---------------------------|-----------------------------|
| 1) Multilevel inheritance | 2) Multiple inheritance |
| 3) Hybrid inheritance | 4) Hierarchical Inheritance |
| 5) None of these | Ans.) 2 |

Ques. : 615 Which of the following is an invalid visibility label while inheriting a class?

- | | |
|------------------|----------------|
| 1) public | 2) private |
| 3) protected | 4) friend |
| 5) None of these | Ans.) 4 |

Ques. : 616 Start and stop bits are used in serial communications for

- | | |
|--------------------|-----------------------------------|
| 1) Error detection | 2) Error correction |
| 3) Synchronization | 4) Slowing down the communication |
| 5) None of these | Ans.) 3 |

Ques. : 617 For a data entry project for office staff who have never used computers before (user interface and user-friendliness are extremely important), one will use

- | | |
|------------------|--------------------------|
| 1) Spiral model | 2) Component based model |
| 3) Prototyping | 4) Waterfall model |
| 5) None of these | Ans.) 3 |

Ques. : 618 The amount of uncertainty in a system of symbol is called

- | | |
|--------------|------------|
| 1) Bandwidth | 2) Entropy |
| 3) Loss | 4) Quantum |

5) None of these

Ans.) 2

Ques. : 619 Identify the incorrect statement

1) The overall strategy drives the E-Commerce data warehousing strategy

2) Data warehousing in an E-Commerce environment should be done in a classical manner

3) E-Commerce opens up an entirely new world of web server.

4) E-Commerce security threats can be grouped into three major categories

5) None of the above

Ans.) 4

Ques. : 620 _____ is not an E-Commerce application

1) House banking

2) Buying stocks

3) Conducting an auction

4) Evaluating an employee

5) None of these

Ans.) 4

Ques. : 621 A thread is a light weight process. In the above statement, weight refers to

1) time

2) number of resources

3) speed

4) all of the above

5) none of the above

Ans.) 2

Ques. : 622 Everything below the system call interface and above the physical hardware is known as

1) Kernel

2) Bus

3) Shell

4) Stub

5) none of the above

Ans.) 1

Ques. : 623 When a programming Language has the capacity to produce new datatype, it is called as

1) Overloaded Language

2) Extensible Language

3) Encapsulated Language

4) Abstraction Language

5) none of the above

Ans.) 2

Ques. : 624 Which of the following operating system is better for implementing client-server network

1) Windows 95

2) Windows 98

3) Windows 2000

4) All of these

5) none of the above

Ans.) 3

Ques. : 625 Functions defined with class name are called as

1) Inline function

2) Friend function

3) Constructor

4) Static function

5) none of the above

Ans.) 3

Ques. : 626 The United States is divided into many _____.

1) LECs

2) LATAs

3) IXCs

4) All the above

5) none of the above

Ans.) 2

Ques. : 627 The carrier that handles intra-LATA services is called a(n) _____.

1) POP

2) IXC

3) LEC

4) All the above

5) none of the above

Ans.) 3

Ques. : 628 The carrier that handles inter-LATA services is called a(n) _____.

1) POP

2) IXC

3) LEC

4) all of the above

5) none of the above

Ans.) 2**Ques. : 629** In _____ signaling, the same circuit is used for both signaling and data.

1) in-band

2) out-of-band

3) mixed

4) All the above

5) none of the above

Ans.) 1**Ques. : 630** . In _____ signaling, a portion of the bandwidth is used for signaling and another portion for data.

1) in-band

2) out-of-band

3) mixed

4) All the above

5) none of the above

Ans.) 2**Ques. : 631** In _____ coding, we divide our message into blocks, each of k bits, called _____.

1) block; blockwords

2) linear; datawords

3) block; datawords

4) All the above

5) none of the above

Ans.) 3**Ques. : 632** We add r redundant bits to each block to make the length $n = k + r$. The resulting n-bit blocks are called _____.

1) datawords

2) blockwords

3) codewords

4) All the above

5) none of the above

Ans.) 3**Ques. : 633** The _____ between two words is the number of differences between corresponding bits.

1) Hamming code

2) Hamming distance

3) Hamming rule

4) All the above

5) none of the above

Ans.) 2**Ques. : 634** To guarantee the detection of up to 5 errors in all cases, the minimum Hamming distance in a block code must be _____.

1) 5

2) 6

3) 11

4) All the above

5) None of these

Ans.) 2**Ques. : 635** To guarantee correction of up to 5 errors in all cases, the minimum Hamming distance in a block code must be _____.

1) 5

2) 6

3) 11

4) All the above

5) none of the above

Ans.) 3**Ques. : 636** . _____ is a type of transmission impairment in which the signal loses strength due to the different propagation speeds of each frequency that makes up the signal.

1) Attenuation

2) Distortion

3) Noise

4) Decibel

5) None of these

Ans.) 2**Ques. : 637** _____ is a type of transmission impairment in which an outside source such as crosstalk corrupts a signal.

1) Attenuation

2) Distortion

3) Noise

4) Decibel

5) None of these

Ans.) 3**Ques. : 638** When propagation speed is multiplied by propagation time, we get the _____.

- | | |
|----------------------|--|
| 1) throughput | 2) wavelength of the signal |
| 3) distortion factor | 4) distance a signal or bit has traveled |
| 5) None of these | Ans.) 4 |

Ques. : 639 Given two sine waves A and B, if the frequency of A is twice that of B, then the period of B is _____ that of A.

- | | |
|------------------|-----------------------|
| 1) one-half | 2) twice |
| 3) the same as | 4) indeterminate from |
| 5) None of these | Ans.) 2 |

Ques. : 640 A sine wave is _____.

- | | |
|----------------------------|-----------------------------|
| 1) periodic and continuous | 2) aperiodic and continuous |
| 3) periodic and discrete | 4) aperiodic and discrete |
| 5) None of these | Ans.) 1 |

Ques. : 641 A _____ switch is a multistage switch with microswitches at each stage that route the packets based on the output port represented as a binary string.

- | | |
|----------------------|---------------------|
| 1) crossbar | 2) TSI |
| 3) banyan | 4) all of the above |
| 5) none of the above | Ans.) 3 |

Ques. : 642 In a banyan switch, for 8 inputs and 8 outputs, we have _____ stages.

- | | |
|------------------|----------------|
| 1) 8 | 2) 4 |
| 3) 3 | 4) 2 |
| 5) None of these | Ans.) 3 |

Ques. : 643 A _____ switch combines space-division and time-division technologies to take advantage of the best of both.

- | | |
|----------------------|---------------------|
| 1) TST | 2) SSS |
| 3) TTT | 4) all of the above |
| 5) none of the above | Ans.) 1 |

Ques. : 644 The most popular technology in time-division switching is called the _____.

- | | |
|----------------------|---------------------|
| 1) STI | 2) ITS |
| 3) TSI | 4) all of the above |
| 5) none of the above | Ans.) 3 |

Ques. : 645 Based on the Clos criteria, if $N = 200$, then n must be equal to or greater than _____.

- | | |
|------------------|----------------|
| 1) 10 | 2) 20 |
| 3) 30 | 4) 40 |
| 5) None of these | Ans.) 1 |

Ques. : 646 The largest portion of the bandwidth for ADSL carries _____.

- | | |
|------------------------|------------------|
| 1) voice communication | 2) upstream data |
| 3) downstream data | 4) control data |
| 5) none of these | Ans.) 3 |

Ques. : 647 _____ was designed as an alternative to the T-1 line.

- | | |
|------------------|----------------|
| 1) VDSL | 2) ADSL |
| 3) SDSL | 4) HDSL |
| 5) none of these | Ans.) 4 |

Ques. : 648 HDSL encodes data using _____.

- | | |
|------------------|----------------|
| 1) 4B/5B | 2) 2B1Q |
| 3) 1B2Q | 4) 6B/8T |
| 5) none of these | Ans.) 2 |

Ques. : 649 Another name for the cable TV office is the _____.

- | | |
|------------------|----------------|
| 1) splitter | 2) fiber node |
| 3) combiner | 4) head end |
| 5) none of these | Ans.) 4 |

Ques. : 650 A traditional cable TV network transmits signals _____.

- | | |
|----------------------------|---------------------|
| 1) upstream | 2) downstream |
| 3) upstream and downstream | 4) all of the above |
| 5) none of the above | Ans.) 2 |

Ques. : 651 What term is used to describe two or more computers that are linked to each other?

- | | |
|---------------------|--------------------|
| 1) Star connection | 2) Computer system |
| 3) Computer network | 4) Net |
| 5) None of these | Ans.) 3 |

Ques. : 652 What interface card do you need to connect to a network?

- | | |
|------------------|------------------|
| 1) ISP card | 2) Wireless card |
| 3) Router | 4) NIC |
| 5) None of these | Ans.) 4 |

Ques. : 653 Which of the following is not described as a typical network classification?

- | | |
|------------------------------|------------------------|
| 1) Local area network | 2) Wide area network |
| 3) Metropolitan area network | 4) County area network |
| 5) None of these | Ans.) 4 |

Ques. : 654 What type of network device allows you to share your connection to the Internet with other computers in your home?

- | | |
|------------------|----------------|
| 1) Ethernet card | 2) NIC |
| 3) Router | 4) Cat 5 |
| 5) None of these | Ans.) 3 |

Ques. : 655 What is another name for a shared network?

- | | |
|---------------------|----------------|
| 1) WAP | 2) Switch |
| 3) Broadband router | 4) Hub |
| 5) None of these | Ans.) 4 |

Ques. : 656 How do you save changes to a PowerPoint presentation?

- | | |
|---|--|
| 1) Pull down the File menu and click the Save command | 2) Click the Save button on the Standard toolbar |
| 3) click on titel bar | 4) Either (a) and (b) |
| 5) None of these | Ans.) 4 |

Ques. : 657 Which of the following can be printed in support of a PowerPoint presentation?

- | | |
|----------------------|------------------|
| 1) Audience handouts | 2) Notes |
| 3) An outline | 4) All the above |
| 5) None of these | Ans.) 4 |

Ques. : 658 Which toolbars are typically displayed in the Normal view?

- | | |
|-------------------------|---------------------------|
| 1) The Standard toolbar | 2) The Formatting toolbar |
|-------------------------|---------------------------|

- 3) The Drawing toolbar
4) All of the above
5) None of these
Ans.) 4

Ques. : 659 Ctrl+Home and Ctrl+End are keyboard shortcuts that move to the beginning or end of the presentation in the:

- 1) Outline view
2) Slide Sorter view
3) insert view
4) Neither (a) nor (b)
5) None of these
Ans.) 5

Ques. : 660 Which menu contains the commands to save the current presentation, or to open a previously saved presentation?

- 1) The Tools menu
2) The File menu
3) The View menu
4) The Edit menu
5) None of these
Ans.) 2

Ques. : 661 A _____ is a group of two or more computer systems linked together to exchange data and share resources such as printers

- 1) wireless network adapter
2) Network
3) Node
4) Port
5) None of these
Ans.) 2

Ques. : 662 An expansion board that provides the electronic components to make a connection between a computer and a network is called a _____.

- 1) collective network
2) logical address
3) network interface card (NIC)
4) wide area network
5) None of these
Ans.) 3

Ques. : 663 A USB communication device that supports data encryption for secure wireless communication for

- 1) campus area network (CAN)
2) wide area network (WAN)
3) wireless LAN
4) metropolitan area network (MAN)
5) None of these
Ans.) 4

Ques. : 664 A typical university or corporate LAN that includes one or more servers and clients is called a _____.

- 1) peer-to-peer network
2) wireless LAN
3) security hierarchy
4) client/server network
5) None of these
Ans.) 4

Ques. : 665 _____ defines how one Internet-connected computer can contact another to exchange control and confirmation messages

- 1) WAN switching rules
2) Internet rules
3) Transmission Control Protocol (TCP)
4) Internet Protocol (IP)
5) None of these
Ans.) 3

Ques. : 666 _____ such as AT&T, NCI, Sprint, BBN, and UUNET maintain the Internet backbone.

- 1) Telephone companies
2) Communications companies
3) Network service providers
4) Cyberspace companies
5) None of these
Ans.) 3

Ques. : 667 The _____ layer manages the assembling of a message or file into smaller packets that are transmitted over the Internet.

- 1) Internet backbone
2) Internet interoperability
3) Transmission Control Protocol (TCP)
4) Internet Protocol (IP)
5) None of these
Ans.) 3

Ques. : 668 Documents of the Web that are transported over the Internet are called _____.

- 1) Web pages
 - 2) HTML pages
 - 3) Web sites
 - 4) Hypertext links
 - 5) None of these
- Ans.) 1**

Ques. : 669 Internet Explorer and Safari are examples of _____.

- 1) Web pages
 - 2) Web browsers
 - 3) Web servers
 - 4) Web sites
 - 5) None of these
- Ans.) 2**

Ques. : 670 A(n) _____ is a numerical identification and logical address that is assigned to devices participating in a computer network

- 1) top-level domain (TLD) name
 - 2) path
 - 3) domain name
 - 4) Internet Protocol address (IP address)
 - 5) None of these
- Ans.) 4**

Ques. : 671 Wired home networks typically use Cat-5 or Cat-6 Ethernet cables or a home's _____ to connect network devices.

- 1) water pipes
 - 2) electrical wiring
 - 3) telephone system
 - 4) smartphones
 - 5) None of these
- Ans.) 2**

Ques. : 672 Optimized for dial-up connections over noisy telephone lines, the oldest packet-switching protocol for WAN usage, called _____, is still widely used.

- 1) Cat-5
 - 2) X.25
 - 3) Cat-6
 - 4) Ethernet
 - 5) None of these
- Ans.) 2**

Ques. : 673 _____ is the method used in public switched telephone systems where there is a direct connection between communicating devices.

- 1) Transaction acquisition
 - 2) Internet protocol
 - 3) Circuit switching
 - 4) Packet switching
 - 5) None of these
- Ans.) 3**

Ques. : 674 _____ broadcast radio waves that can be picked up by anyone using the correct configuration.

- 1) Campus area networks (CAN)
 - 2) Broadband networks
 - 3) Wireless networks
 - 4) Wide area networks (WAN)
 - 5) None of these
- Ans.) 3**

Ques. : 675 A(n) _____ is a microchip that contains the circuitry to convert an analog signal into a digital signal.

- 1) communications channel
 - 2) analog-to-digital converter (ADC)
 - 3) Codec
 - 4) digital-to-analog converter (DAC)
 - 5) None of these
- Ans.) 2**

Ques. : 676 _____ is a technique that is used to send more than one call over a single line.

- 1) Multiplexing
 - 2) Infrared transmission
 - 3) Streaming
 - 4) Digital transmission
 - 5) None of these
- Ans.) 1**

Ques. : 677 The leading provider of _____ is the local cable TV company.

- 1) broadband
- 2) digital telephone access

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- 3) coaxial cable
5) None of these
- 4) digital subscriber lines
Ans.) 1

Ques. : 678 ADSL, SDSL, HDSL, and VDSL are examples of different types of _____.

- 1) digital subscriber lines
3) cable-based broadband
5) None of these
- 2) digital modems
4) subscriber loop carriers
Ans.) 1

Ques. : 679 _____ is the process that transforms data such as voice, text, graphics, audio, and video into digital form.

- 1) Wireless data transmission
3) Convergence
5) None of these
- 2) Digitization
4) Analog transfer
Ans.) 2

Ques. : 680 _____ refers to an individual's ability to restrict or eliminate the collection, use, and sale of confidential personal information.

- 1) Privacy
3) Identity theft
5) None of these
- 2) Bill of Rights for Social Network Users
4) Ethics
Ans.) 1

Ques. : 681 The leading provider of _____ is the local cable TV company.

- 1) broadband
3) coaxial cable
5) None of these
- 2) digital telephone access
4) digital subscriber lines
Ans.) 1

Ques. : 682 A _____ is a small, waist-high curbside installation that connects as many as 96 subscriber telephones.

- 1) subscriber loop carrier (SLC)
3) virtual private network
5) None of these
- 2) multiplexing unit
4) network access point
Ans.) 1

Ques. : 683 The _____ is a digital device capable of handling thousands of calls and is located in the local telephone company's central office.

- 1) public switched telephone network (PSTN)
3) internal private branch exchange
5) None of these
- 2) microwave relay station
4) local exchange switch
Ans.) 4

Ques. : 684 ADSL, SDSL, HDSL, and VDSL are examples of different types of _____.

- 1) digital subscriber lines
3) cable-based broadband
5) None of these
- 2) digital modems
4) subscriber loop carriers
Ans.) 1

Ques. : 685 _____ refers to an individual's ability to restrict or eliminate the collection, use, and sale of confidential personal information.

- 1) Privacy
3) Identity theft
5) None of these
- 2) Bill of Rights for Social Network Users
4) Ethics
Ans.) 1

Ques. : 686 In a survey, employers ranked _____ third, right below communication skills and analytical ability.

- 1) people skills
3) computer literacy
- 2) Internet skills
4) hard skills

5) None of these **Ans.) 3**

Ques. : 687 A(n) _____ is a computer program that scans resumes and is set to locate keywords.

- | | |
|-----------------------|--------------------------------------|
| 1) information system | 2) Web interview |
| 3) Web conference | 4) application tracking system (ATS) |
| 5) None of these | Ans.) 4 |

Ques. : 688 Computer-related _____ are typically presented by the developer of a new hardware or software product or by a company specializing in training IT professionals in a new technology.

- | | |
|------------------------|----------------------|
| 1) systems engineering | 2) training seminars |
| 3) online systems | 4) trade shows |
| 5) None of these | Ans.) 2 |

Ques. : 689 Not only are computer literacy skills important in most jobs today and near the top of the list of employment requirements, but they are also essential in the _____.

- | | |
|---------------------------------|-------------------|
| 1) job search | 2) Web interview |
| 3) information systems division | 4) Web conference |
| 5) None of these | Ans.) 1 |

Ques. : 690 _____ is a very broad discipline with applications in almost every other discipline imaginable.

- | | |
|------------------------|---------------------------|
| 1) Technology science | 2) Computer science |
| 3) Information science | 4) Electrical engineering |
| 5) None of these | Ans.) 2 |

Ques. : 691 Microsoft Access and MySQL are examples of _____.

- | | |
|-------------------------------|--|
| 1) multidimensional databases | 2) database management systems (DBMSs) |
| 3) file management programs | 4) data warehouses |
| 5) None of these | Ans.) 2 |

Ques. : 692 _____ is a technique in which managers are able to view information in a data warehouse and focus their attention on a specific data element.

- | | |
|------------------------|----------------|
| 1) Analytical research | 2) Drill down |
| 3) MDX querying | 4) SQL |
| 5) None of these | Ans.) 2 |

Ques. : 693 A(n) _____ is a system that includes the collection of people, hardware, software, data records, and activities that process the data and information in an organization.

- | | |
|---------------------------------------|--------------------------------|
| 1) traditional organization structure | 2) information functional unit |
| 3) information system | 4) data mart |
| 5) None of these | Ans.) 3 |

Ques. : 694 A _____ handles an organization's day-to-day accounting needs; keeping a verifiable record of every transaction involving money, including purchases, sales, and payroll payments.

- | | |
|--|-------------------------------------|
| 1) transactional processing system (TPS) | 2) financial support system (FSS) |
| 3) decision support system (DSS) | 4) business processing system (BPS) |
| 5) None of these | Ans.) 1 |

Ques. : 695 _____ occurs when too much information is provided making processing, absorbing, and validating difficult.

- | | |
|------------------------------|-------------------------|
| 1) Database integration | 2) Database integration |
| 3) Nonfunctional information | 4) Query integration |
| 5) None of these | Ans.) 2 |

Ques. : 696 A(n) _____ is a collection of related data that is organized in a manner that makes it easy to access, manage, update, group, and summarize.

- | | |
|-----------------------|-------------------|
| 1) knowledge base | 2) data warehouse |
| 3) information system | 4) database |
| 5) None of these | Ans.) 4 |

Ques. : 697 A _____ is a descriptive label that helps identify the type of content to be entered into a field.

- | | |
|------------------|----------------|
| 1) data file | 2) field name |
| 3) data type | 4) query |
| 5) None of these | Ans.) 2 |

Ques. : 698 A _____, or data file, is a collection of related records.

- | | |
|------------------|----------------|
| 1) flat file | 2) primary key |
| 3) record | 4) table |
| 5) None of these | Ans.) 4 |

Ques. : 699 _____ means that the data is separate from the applications and that changes in data do not require changes in the structure of forms, reports, or programs access the databases.

- | | |
|----------------------|---------------------|
| 1) Data independence | 2) Data consistency |
| 3) Validation | 4) Data integrity |
| 5) None of these | Ans.) 1 |

Ques. : 700 _____ means that the data stored in a database shouldn't be accessible to people who might misuse it.

- | | |
|----------------------|---------------------|
| 1) Data independence | 2) Data security |
| 3) Data redundancy | 4) Data maintenance |
| 5) None of these | Ans.) 2 |

Ques. : 701 A(n) _____ is a set of programs designed to manage the resources of a computer, including starting the computer, managing programs, managing memory, and coordinating tasks between input and output devices

- | | |
|--------------------------|------------------------|
| 1) application suite | 2) Interface |
| 3) operating system (OS) | 4) input/output system |
| 5) None of these | Ans.) 3 |

Ques. : 702 The _____ is the central part of the OS that consists of instructions that control the actions the OS uses most frequently.

- | | |
|------------------|----------------|
| 1) profile | 2) bios |
| 3) kernel | 4) booting |
| 5) None of these | Ans.) 3 |

Ques. : 703 _____ memory is storage that is very fast but released when the power goes off.

- | | |
|------------------|----------------|
| 1) Registry | 2) Volatile |
| 3) Kernal | 4) Booting |
| 5) None of these | Ans.) 2 |

Ques. : 704 A database, called the _____, stores configuration information about installed peripherals and software.

- | | |
|------------------|----------------|
| 1) BIOS | 2) profile |
| 3) registry | 4) boot sector |
| 5) None of these | Ans.) 3 |

Ques. : 705 A(n) _____ consists of a username, password, and storage space called a user folder or user directory.

- | | |
|------------------|-------------------|
| 1) account | 2) swap file |
| 3) buffer | 4) authentication |
| 5) None of these | Ans.) 1 |

Ques. : 706 The most popular general-purpose applications are _____.

- | | |
|---------------------------|---------------------------|
| 1) application features. | 2) multimedia programs. |
| 3) productivity programs. | 4) Internet applications. |
| 5) None of these | Ans.) 3 |

Ques. : 707 Features within the application window include the _____, the document, the title bar, and the three window control buttons.

- | | |
|----------------------------|--------------------------|
| 1) browser | 2) minimize button |
| 3) shared office interface | 4) application workspace |
| 5) None of these | Ans.) 4 |

Ques. : 708 _____ appear on the scroll bar and can be clicked to scroll the document line by line.

- | | |
|--------------------|-------------------------|
| 1) Contextual tabs | 2) Windows borders |
| 3) Scroll arrows | 4) Restore down buttons |
| 5) None of these | Ans.) 3 |

Ques. : 709 Common command sequences are instructions that open an application, _____, close a document, and close an application.

- | | |
|----------------------------|-----------------------|
| 1) group icons | 2) save a document |
| 3) automatically wrap text | 4) access the toolbar |
| 5) None of these | Ans.) 2 |

Ques. : 710 Word, Excel, Access, and PowerPoint are the programs in _____.

- | | |
|---------------------|--------------------------|
| 1) Internet browser | 2) common interface |
| 3) Open Office | 4) Microsoft Office 2010 |
| 5) None of these | Ans.) 4 |



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