Question Number : 1  Question Id : 7801  Question Type : MCQ  Option Shuffling : No
Correct : 1.0  Wrong : 0.33

MS-Windows operating system is

a. Case sensitive
d. A metafamily of graphical operating systems
b. Processor-dependent
c. Developed, marketed, and sold by Intel

Options :
Question Number : 2  Question Id : 7802  Question Type : MCQ  Option Shuffling : No
Correct : 1.0  Wrong : 0.33
Options :
1. * a
2. * b
3. * c
4. ✓ d

Which of the following statements about Windows NT is not correct?
     a. It is multi-user operating system  
     b. It is processor-independent       
     c. It is multi-processing operating system  
     d. It does not support graphical user interface

Question Number : 3  Question Id : 7803  Question Type : MCQ  Option Shuffling : No
Correct : 1.0  Wrong : 0.33
Options :
1. ✓ a  
2. * b  
3. * c  
4. * d  

MS-Word is a
     a. Word Processor  
     b. Operating System     
     c. Database Management System  
     d. System Software

Question Number : 4  Question Id : 7804  Question Type : MCQ  Option Shuffling : No
Correct : 1.0  Wrong : 0.33
Options :
1. ✓ a  
2. * b  
3. ✓ c  
4. * d  

Which of the following is not a valid category of “alignment” in MS-Word?
     a. Left  
     b. Vertical     
     c. Right  
     d. Justify

Question Number : 5  Question Id : 7805  Question Type : MCQ  Option Shuffling : No
Correct : 1.0  Wrong : 0.33
MS-Excel is a
a. Word Processor   b. Spreadsheet
  c. Database Management System
d. Operating System
Options :
1. * a
2. ✓ b
3. * c
4. * d

MS-PowerPoint is a
a. Word Processor   b. Database Management System
  c. Presentation software
d. Spreadsheet
Options :
1. * a
2. * b
3. ✓ c
4. * d

UNIVAC and ENIAC computers are examples of the
a. First-generation computing devices   b. Second-generation computing devices
  c. Third-generation computing devices
d. Fourth-generation computing devices
Options :
1. ✓ a
2. * b
3. * c
4. * d

Integrated Circuits (ICs) were used in
a. First-generation computing devices   b. Second-generation computing devices
  c. Third-generation computing devices
d. Fourth-generation computing devices
Options :
1. * a
2. * b
3. ✓ c
Question Number : 9  Question Id : 7809  Question Type : MCQ  Option Shuffling : No
Correct : 1.0  Wrong : 0.33
Transistors were used in

a. First-generation computing devices
b. Second-generation computing devices
c. Third-generation computing devices
d. Fourth-generation computing devices

Options :
1. * a
2. ✔️ b
3. * c
4. * d

Question Number : 10  Question Id : 7810  Question Type : MCQ  Option Shuffling : No
Correct : 1.0  Wrong : 0.33
Languages like C, FORTRAN and COBOL are the example of

a. First-generation programming languages
b. Second-generation programming languages
c. Third-generation programming languages
d. Fourth-generation programming languages

Options :
1. * a
2. * b
3. ✔️ c
4. * d

Question Number : 11  Question Id : 7811  Question Type : MCQ  Option Shuffling : No
Correct : 1.0  Wrong : 0.33
Speaker is an example of

a. Input device
b. Output device
c. Storage device
d. Both input and output device

Options :
1. * a
2. ✔️ b
3. * c
4. * d

Question Number : 12  Question Id : 7812  Question Type : MCQ  Option Shuffling : No
Correct : 1.0  Wrong : 0.33
Which of the following is a system software?

a. Operating system
b. Word Processor
c. Spreadsheet
d. Database Management System

Options :
Question Number : 13  Question Id : 7813  Question Type : MCQ  Option Shuffling : No
Correct : 1.0  Wrong : 0.33  
Which of the following is not used to measure the speed of CPU?

a. Hertz (Hz)  
b. MFLOPS  
c. MIPS  
d. KBPS  

Options :
1. ✗ a  
2. ✗ b  
3. ✗ c  
4. ✗ d  

Question Number : 14  Question Id : 7814  Question Type : MCQ  Option Shuffling : No
Correct : 1.0  Wrong : 0.33  
Which of the following statements about Static RAM (SRAM) is not correct?

a. SRAM uses flip-flops  
b. SRAM is faster than DRAM  
c. SRAM uses capacitors  
d. SRAM is costlier than DRAM  

Options :
1. ✗ a  
2. ✗ b  
3. ✗ c  
4. ✗ d  

Question Number : 15  Question Id : 7815  Question Type : MCQ  Option Shuffling : No
Correct : 1.0  Wrong : 0.33  
Magnetic Tape is a

a. Random access memory  
b. Volatile memory  
c. Read only memory  
d. Sequential access memory  

Options :
1. ✗ a  
2. ✗ b  
3. ✗ c  
4. ✗ d  

Question Number : 16  Question Id : 7816  Question Type : MCQ  Option Shuffling : No
Correct : 1.0  Wrong : 0.33
Internet is a
a. Local Area Network (LAN)  b. Metropolitan Area Network (MAN)
c. Wide Area Network (WAN)  d. Storage Area Network (SAN)

Options:
1. ✗ a
2. ✗ b
3. ✔ c
4. ✗ d

Question Number : 17  Question Id : 7817  Question Type : MCQ  Option Shuffling : No
Correct : 1.0  Wrong : 0.33
In 'C', the associativity of Arithmetic Operators is
a. Left to Right  c. Right to Left
b. Top to Bottom  d. Bottom to Top

Options:
1. ✔ a
2. ✗ b
3. ✗ c
4. ✗ d

Question Number : 18  Question Id : 7818  Question Type : MCQ  Option Shuffling : No
Correct : 1.0  Wrong : 0.33
The value of the following 'C' expression is
2 + 18 / 4 - 1
a. 5.5  b. 5
   c. 6  d. 4

Options:
1. ✗ a
2. ✔ b
3. ✗ c
4. ✗ d

Question Number : 19  Question Id : 7819  Question Type : MCQ  Option Shuffling : No
Correct : 1.0  Wrong : 0.33
Which of the following is not a valid identifier in 'C'?
a. 4Feet  b. 4Feet
   c. Feet4  d. FourFeet

Options:
1. ✔ a
2. ✗ b
3. ✗ c
For the above question, User had specified 'ignore' during keys upload.

Question Number : 20  Question Id : 7820  Question Type : MCQ  Option Shuffling : No
Correct : 1.0  Wrong : 0.33
Which of the following 'C' statements will not create an infinite loop?

a. for(1; 1; 1);
   b. for(1; 0; 1);
   c. for (0; 1; 1);
   d. for(0; 1; 0);

Options :
1. ✗ a
2. ✓ b
3. ✗ c
4. ✗ d

Question Number : 21  Question Id : 7821  Question Type : MCQ  Option Shuffling : No
Correct : 1.0  Wrong : 0.33
In two-dimensional arrays, values are stored in

a. Column-major order
   b. Row-major order
   c. Random order
   d. Sorted order

Options :
1. ✗ a
2. ✓ b
3. ✗ c
4. ✗ d

Question Number : 22  Question Id : 7822  Question Type : MCQ  Option Shuffling : No
Correct : 1.0  Wrong : 0.33
Considering 2 and 4 bytes space allocation for integer and float variables respectively, the size of the pointer variable declared below is:
float *p;

a. 1 byte
   b. 2 bytes
   c. 4 bytes
   d. 8 bytes

Options :
1. ✗ a
2. ✓ b
3. ✗ c
4. ✗ d

Question Number : 23  Question Id : 7823  Question Type : MCQ  Option Shuffling : No
Correct : 1.0  Wrong : 0.33
Which of the following is known as universal logic gate?

a. AND gate  
b. OR gate  
c. NAND gate  
d. Exclusive OR gate

Options:
1. ✗ a  
2. ✗ b  
3. ✔ c  
4. ✗ d

Question Number : 24  Question Id : 7824  Question Type : MCQ  Option Shuffling : No  
Correct : 1.0  Wrong : 0.33

Flip-Flop is a

a. 1-state device  
b. 2-state device  
c. 3-state device  
d. 4-state device

Options:
1. ✗ a  
2. ✔ b  
3. ✗ c  
4. ✗ d

Question Number : 25  Question Id : 7825  Question Type : MCQ  Option Shuffling : No  
Correct : 1.0  Wrong : 0.33

The output of XOR gate is one (1) when

a. Both inputs are different  
b. Both inputs are zero  
c. Both inputs are one  
d. Both inputs are same

Options:
1. ✔ a  
2. ✗ b  
3. ✗ c  
4. ✗ d

Question Number : 26  Question Id : 7826  Question Type : MCQ  Option Shuffling : No  
Correct : 1.0  Wrong : 0.33

Considering X and Y as Boolean variables, the simplest form of the Boolean expression X + XY is

a. 0  
b. X  
c. 1  
d. Y

Options:
1. ✗ a  
2. ✗ b  
3. ✔ c  
4. ✗ d
Question Number : 27  Question Id : 7827  Question Type : MCQ  Option Shuffling : No
Correct : 1.0  Wrong : 0.33

The 2's complement of the Binary number \((11011100)_2\) is

a. \((00100011)_2\)  
b. \((11110000)_2\)  
c. \((00100100)_2\)  
d. \((00001111)_2\)

Options :
1. * a
2. * b
3. ✓ c
4. * d

Question Number : 28  Question Id : 7828  Question Type : MCQ  Option Shuffling : No
Correct : 1.0  Wrong : 0.33

In which of the following machines, all arithmetic operations take place using the top one or two positions data of the stack?

a. Zero-address machine  
b. One-address machine  
c. Two-address machine  
d. Three-address machine

Options :
1. ✓ a
2. * b
3. * c
4. * d

Question Number : 29  Question Id : 7829  Question Type : MCQ  Option Shuffling : No
Correct : 1.0  Wrong : 0.33

Which of the following statements is not true?

a. Information is nothing but processed data  
b. Information can be used to resolve uncertainty  
c. Information can't be encoded  
d. Information can be encrypted for safe storage and communication

Options :
1. * a
2. * b
3. ✓ c
4. * d

Question Number : 30  Question Id : 7830  Question Type : MCQ  Option Shuffling : No
Correct : 1.0  Wrong : 0.33

The accounting system is a

a. Deterministic system  
b. Probabilistic system  
c. Possibilistic system  
d. Close system
Question Number: 31  Question Id: 7831  Question Type: MCQ  Option Shuffling: No
Correct: 1.0  Wrong: 0.33

An optical communication system uses ____________ as the transmission medium.

a. Power wires  b. Satellite  c. Light  d. Free space

Question Number: 32  Question Id: 7832  Question Type: MCQ  Option Shuffling: No
Correct: 1.0  Wrong: 0.33

In which of the following modes of channel operation, data/signal can move in both directions, but one at a time?


Question Number: 33  Question Id: 7833  Question Type: MCQ  Option Shuffling: No
Correct: 1.0  Wrong: 0.33

"Wholesalers selling to retailers" is an example of


Question Number: 34  Question Id: 7834  Question Type: MCQ  Option Shuffling: No
Correct: 1.0  Wrong: 0.33
Which of the following is not a benefit of e-commerce?

a. Fast process  b. Always on
   c. Inconvenience  d. Reduced cost price

Options:
1. * a  
2. * b  
3. ✓ c  
4. * d

Question Number : 35  Question Id : 7835  Question Type : MCQ  Option Shuffling : No
Correct : 1.0  Wrong : 0.33

Which of the following is an object-oriented programming language?

a. C  b. C++
   c. Pascal  d. Fortran

Options:
1. * a  
2. ✓ b  
3. * c  
4. * d

Question Number : 36  Question Id : 7836  Question Type : MCQ  Option Shuffling : No
Correct : 1.0  Wrong : 0.33

Stack works on the principle of

a. Last-in-first-out  b. First-in-first-out
   c. Last-in-last-out  d. Random-in-random-out

Options:
1. ✓ a  
2. * b  
3. * c  
4. * d

Question Number : 37  Question Id : 7837  Question Type : MCQ  Option Shuffling : No
Correct : 1.0  Wrong : 0.33

Queue is a

a. Linear data structure  b. Non-linear data structure
   c. Random-access data structure  d. Self-sorted data structure

Options:
1. ✓ a  
2. * b  
3. * c  
4. * d
Question Number : 38  Question Id : 7838  Question Type : MCQ  Option Shuffling : No
Correct : 1.0  Wrong : 0.33

Which of the following creates a worst-case scenario for linear search?

a. The element to be searched is at the first position in the list
b. The element to be searched is at the middle position in the list
c. The element to be searched is either at the last position in the list or not in the list
d. The element to be searched is at the second position in the list

Options :
1. * a
2. * b
3. * c
4. * d

Question Number : 39  Question Id : 7839  Question Type : MCQ  Option Shuffling : No
Correct : 1.0  Wrong : 0.33

Which of the following sorting techniques follows divide-and-conquer approach?

a. Bubble sort
b. Selection sort
c. Insertion sort
d. Merge sort

Options :
1. * a
2. * b
3. * c
4. * d

Question Number : 40  Question Id : 7840  Question Type : MCQ  Option Shuffling : No
Correct : 1.0  Wrong : 0.33

Which of the following is not a relational DBMS?

a. Oracle
b. Integrated Database Management System
c. Microsoft SQL Server
d. Sybase

Options :
1. * a
2. * b
3. * c
4. * d

Question Number : 41  Question Id : 7841  Question Type : MCQ  Option Shuffling : No
Correct : 1.0  Wrong : 0.33

Which of the following can be considered as a multi-valued attribute?

a. Date of birth
b. Age
c. Salary
d. Address

Options :
Question Number : 42  Question Id : 7842  Question Type : MCQ  Option Shuffling : No
Correct : 1.0  Wrong : 0.33
"Entity integrity" constraint states that

a. The value of primary key can't be null
b. The value of foreign key can't be null
c. The value of primary key can't be same for two or more tuples
d. Each table must have a primary key

Options :
1. ✔ a
2. ✔ b
3. ✔ c
4. ✔ d

Question Number : 43  Question Id : 7843  Question Type : MCQ  Option Shuffling : No
Correct : 1.0  Wrong : 0.33
Which of the following Relational Algebra operators is a unary operator?

a. Cross product
b. Join
c. Division
d. Selection

Options :
1. ✔ a
2. ✔ b
3. ✔ c
4. ✔ d

Question Number : 44  Question Id : 7844  Question Type : MCQ  Option Shuffling : No
Correct : 1.0  Wrong : 0.33
Which of the following is an optional clause in Select-From-Where structure of SQL?

a. Select
b. From
c. Both Select and From
d. Where

Options :
1. ✔ a
2. ✔ b
3. ✔ c
4. ✔ d

Question Number : 45  Question Id : 7845  Question Type : MCQ  Option Shuffling : No
Correct : 1.0  Wrong : 0.33
Which of the following is not a Data Definition Language (DDL) command?

a. Delete  
b. Create  
c. Drop  
d. Alter

Options:
1. ✔ a  
2. ✗ b  
3. ✗ c  
4. ✗ d

Question Number: 46  Question Id: 7846  Question Type: MCQ  Option Shuffling: No  
Correct: 1.0  Wrong: 0.33

Assembler is used to

a. Execute machine codes  
b. Translate assembly codes into machine codes  
c. Execute assembly codes  
d. Translate high-level language codes into machine codes

Options:
1. ✗ a  
2. ✔ b  
3. ✗ c  
4. ✗ d

Question Number: 47  Question Id: 7847  Question Type: MCQ  Option Shuffling: No  
Correct: 1.0  Wrong: 0.33

Compiler is used to

a. Translate high-level language codes into machine codes  
b. Interpret high-level language codes  
c. Interpret machine codes  
d. Translate assembly codes into machine codes

Options:
1. ✔ a  
2. ✗ b  
3. ✗ c  
4. ✗ d

Question Number: 48  Question Id: 7848  Question Type: MCQ  Option Shuffling: No  
Correct: 1.0  Wrong: 0.33

Which of the following statements about Linker is true?

a. It takes source files and converts them into object files  
b. It takes source files and converts them into executable files  
c. It takes object files and converts them into source files  
d. It takes object files and converts them into executable files

Options:
Question 49
Which of the following statements about Loader is true?

a. It brings executable files residing on disk into memory and starts execution
b. It takes source files and converts them into executable files
c. It takes source files and converts them into object files
d. It takes object files and converts them into executable files

Options:
1. ✓ a
2. * b
3. * c
4. * d

Question 50
Which of the following is not a valid step followed by the Loader?

a. It reduces the size of executable files through applying compression techniques
b. It reads executable file’s header to determine the size of text and data segments
c. It creates a new address space for the program
d. It copies instructions and data into address space

Options:
1. ✓ a
2. * b
3. * c
4. * d

Question 51
Which of the following statements about Macro Processor is not true?

a. It allows to define code that is reused many times, giving it a specific macro name
b. It allows to reuse the code by just writing the macro name only
c. It replaces macro calls before compilation
d. It reduces the size of executable files

Options:
1. * a
2. * b
3. * c
4. ✓ d

Question 52
Linux is a __________ operating system.

a. Case sensitive  
b. Case non-sensitive  
c. Processor-dependent  
d. Single-user

Options:
1. ✓ a  
2. ✗ b  
3. ✗ c  
4. ✗ d

Question Number : 53  Question Id : 7853  Question Type : MCQ  Option Shuffling : No  
Correct : 1.0  Wrong : 0.33

Which of the following is a real-time operating system?

a. MS-Windows  
b. Linux  
c. Windows CE  
d. iOS

Options:
1. ✗ a  
2. ✓ b  
3. ✗ c  
4. ✗ d

Question Number : 54  Question Id : 7854  Question Type : MCQ  Option Shuffling : No  
Correct : 1.0  Wrong : 0.33

In Linux, the highest level directory is called root and represented by

a. /  
b. \  
c. >  
d. <

Options:
1. ✓ a  
2. ✗ b  
3. ✗ c  
4. ✗ d

Question Number : 55  Question Id : 7855  Question Type : MCQ  Option Shuffling : No  
Correct : 1.0  Wrong : 0.33

In Linux, "pwd" command is used to display

a. Absolute path name for the innermost subdirectory  
b. Relative path name for the innermost subdirectory  
c. Absolute path name for the current working directory  
d. Relative path name for the current working directory

Options:
1. ✓ a
2. ☑ b
3. ☑ c
4. ☑ d

Question Number : 56  Question Id : 7856  Question Type : MCQ  Option Shuffling : No
Correct : 1.0  Wrong : 0.33
Which of the following symbol is used to redirect standard output (STDOUT) in Linux?
   a. >
   b. <
   c. ?
   d. $

Options :
1. ☑ a
2. ☑ b
3. ☑ c
4. ☑ d

Question Number : 57  Question Id : 7857  Question Type : MCQ  Option Shuffling : No
Correct : 1.0  Wrong : 0.33
In Linux command "ls -l | less"
   a. The input of "ls" command is fed into "less"
   b. The input of "less" command is fed into "ls"
   c. The output of "less" command is fed into "ls"
   d. The output of "ls" command is fed into "less"

Options :
1. ☑ a
2. ☑ b
3. ☑ c
4. ☑ d

Question Number : 58  Question Id : 7858  Question Type : MCQ  Option Shuffling : No
Correct : 1.0  Wrong : 0.33
Which of the following helps to control access between the Intranet and Internet to permit access to the Intranet only to people who are members of the same organization?
   a. Firewall
   b. Router
   c. Gateway
   d. Bridge

Options :
1. ☑ a
2. ☑ b
3. ☑ c
4. ☑ d

Question Number : 59  Question Id : 7859  Question Type : MCQ  Option Shuffling : No
Correct : 1.0  Wrong : 0.33
Which of the following is usually used to connect a LAN to another LAN that uses the same protocol?

a. Hub  
b. Switch  
c. Bridge  
d. Router

Options:
1. *a  
2. *b  
3. ✓c  
4. d

Question Number : 60  Question Id : 7860  Question Type : MCQ  Option Shuffling : No  Correct : 1.0  Wrong : 0.33

Which of the following usually use the IP address to forward packets and thereby allowing the network to go across different protocols?

a. Bridge  
b. Hub  
c. Router  
d. Switch

Options:
1. *a  
2. *b  
3. ✓c  
4. d

Question Number : 61  Question Id : 7861  Question Type : MCQ  Option Shuffling : No  Correct : 1.0  Wrong : 0.33

URL stands for

a. Unique Resource Locator  
b. Uniform Resource Line  
c. Uniform Resource Locator  
d. Unique Resource Line

Options:
1. *a  
2. *b  
3. ✓c  
4. d

Question Number : 62  Question Id : 7862  Question Type : MCQ  Option Shuffling : No  Correct : 1.0  Wrong : 0.33

Domain Name Server (DNS)

a. Translates domain name to IP address  
b. Translates IP address to domain name  
c. Combines two or more IP addresses  
d. Apply masking on IP addresses

Options:
1. ✓a  
2. *b
Question Number : 63  Question Id : 7863  Question Type : MCQ  Option Shuffling : No
Correct : 1.0  Wrong : 0.33
Which of the following is not a Web browser?

a. Firefox
b. Safari
c. FTP
d. Chrome

Options :
1. ✔ a
2. ✔ b
3. ✔ c
4. ✔ d

Question Number : 64  Question Id : 7864  Question Type : MCQ  Option Shuffling : No
Correct : 1.0  Wrong : 0.33
Which of the following is not a fact finding technique?

a. Interview
b. Questionnaire
c. Observation
d. Photography

Options :
1. ✔ a
2. ✔ b
3. ✔ c
4. ✔ d

Question Number : 65  Question Id : 7865  Question Type : MCQ  Option Shuffling : No
Correct : 1.0  Wrong : 0.33
Which of the following is not a valid goal of requirement analysis and specification phase?

a. Fully understand user requirements
b. Remove inconsistencies from user requirements
c. Produce system design based on user requirements
d. Properly record user requirements in SRS document

Options :
1. ✔ a
2. ✔ b
3. ✔ c
4. ✔ d

Question Number : 66  Question Id : 7866  Question Type : MCQ  Option Shuffling : No
Correct : 1.0  Wrong : 0.33
Which of the following statements about Software Requirement Specification (SRS) is not true?

a. SRS document is known as black-box specification
b. SRS document concentrates on what needs to be done
c. SRS document serves as a contract between the developer and customer
d. SRS document serves as system manual

Options:
1. ✗ a
2. ✗ b
3. ✗ c
4. ✔ d

Question Number : 67  Question Id : 7867  Question Type : MCQ  Option Shuffling : No
Correct : 1.0  Wrong : 0.33

A data dictionary is also known as

a. Catalogue
b. Metadata repository
c. Data warehouse
d. Database

Options:
1. ✗ a
2. ✔ b
3. ✗ c
4. ✗ d

Question Number : 68  Question Id : 7868  Question Type : MCQ  Option Shuffling : No
Correct : 1.0  Wrong : 0.33

Which of the following statements about Data Flow Diagram (DFD) is not valid?

a. DFD is a graphical representation of the flow of data through an information system
b. DFD can be used for the visualization of data processing (structured design)
c. DFD shows what kind of information will be input to and output from the system
d. DFD provides information about whether processes will operate in sequence or in parallel

Options:
1. ✗ a
2. ✗ b
3. ✗ c
4. ✔ d

Question Number : 69  Question Id : 7869  Question Type : MCQ  Option Shuffling : No
Correct : 1.0  Wrong : 0.33

Which of the following is not a part of physical design?

a. Abstract representation of data flows, inputs and outputs of the system
b. User interface design
c. Data design
d. Process design
Options:
1. ✔ a
2. ✔ b
3. ✔ c
4. ✔ d

Question Number: 70  Question Id: 7870  Question Type: MCQ  Option Shuffling: No
Correct: 1.0  Wrong: 0.33
OSI reference model has ____________ layers
a. 4
b. 5
c. 6
d. 7

Options:
1. ✔ a
2. ✔ b
3. ✔ c
4. ✔ d

Question Number: 71  Question Id: 7871  Question Type: MCQ  Option Shuffling: No
Correct: 1.0  Wrong: 0.33
Which of the following OSI layers has exactly same name as one of the TCP/IP layers?
(A) Network layer  (B) Session layer
(C) Transport layer  (D) Presentation layer

Options:
1. ✔ a
2. ✔ b
3. ✔ c
4. ✔ d

Question Number: 72  Question Id: 7872  Question Type: MCQ  Option Shuffling: No
Correct: 1.0  Wrong: 0.33
Which of the following statements about signals is not correct?
(A) All natural signals are analog in nature  (B) All natural signals are digital in nature
(C) Digital signals are discrete in both time and value  (D) Analog signals are continuous in both time and value

Options:
1. ✔ a
2. ✔ b
3. ✔ c
4. ✔ d

Question Number: 73  Question Id: 7873  Question Type: MCQ  Option Shuffling: No
Correct: 1.0  Wrong: 0.33
Which of the following is not an analog modulation technique?

(A) Amplitude modulation (AM)  (B) Frequency Modulation (FM)
(C) Amplitude Shift Keying (ASK)  (D) Phase Modulation (PM)

Which of the following is not a digital modulation technique?

(A) Amplitude Shift Keying (ASK)  (B) Frequency Modulation (FM)
(C) Frequency Shift Keying (FSK)  (D) Phase Shift Keying (PSK)

Which of the following is an unguided transmission media?

(A) Communication satellite  (B) Twisted pair
(C) Coaxial cable  (D) Fiber optics

A code with minimum Hamming distance, n, can detect up to ________ errors in a code word.

(A) 1  (B) n-1
(C) n  (D) n+1
Question Number : 77  Question Id : 7877  Question Type : MCQ  Option Shuffling : No
Correct : 1.0  Wrong : 0.33

Java is a(an)

(A) Object-oriented language          (B) Procedural language
(C) Assembly language                (D) Second-generation language

Options :
1. ✓ a
2. ✓ b
3. c
4. d

Question Number : 78  Question Id : 7878  Question Type : MCQ  Option Shuffling : No
Correct : 1.0  Wrong : 0.33

Java compiler translates

(A) Source code into assembly code          (B) Source code into machine code
(C) Assembly code into machine code        (D) Source code into byte code

Options :
1. ✓ a
2. ✓ b
3. c
4. ✓ d

Question Number : 79  Question Id : 7879  Question Type : MCQ  Option Shuffling : No
Correct : 1.0  Wrong : 0.33

The value of n after executing the following code is

```java
int n = 15;
switch(n){
    case 13: n = n - 1;
    case 15: n = n - 2;
    case 17: n = n + 18;
}
```

(A) 15                    (B) 30
(C) 13                    (D) 31

Options :
1. ✓ a
2. ✓ b
3. c
4.  ✓  d

Question Number : 80  Question Id : 7880  Question Type : MCQ  Option Shuffling : No
Correct : 1.0  Wrong : 0.33

Which of the following is not a valid feature of object-oriented programming?

(A) Class (B) Inheritance
(C) Polymorphism (D) Parallelism

Options :
1.  *  a
2.  *  b
3.  *  c
4.  ✓  d

Question Number : 81  Question Id : 7881  Question Type : MCQ  Option Shuffling : No
Correct : 1.0  Wrong : 0.33

Which of the following is true about the relationship between object and class?

(A) Class is an instance of an object (B) Object is an instance of a class
(C) Maximum one object of a class can be created (D) Maximum two objects of a class can be created

Options :
1.  *  a
2.  ✓  b
3.  *  c
4.  d

Question Number : 82  Question Id : 7882  Question Type : MCQ  Option Shuffling : No
Correct : 1.0  Wrong : 0.33

In Java, a variable that is declared inside the class but outside the method is called

(A) Instance variable (B) Local variable
(C) Static variable (D) Global variable

Options :
1.  ✓  a
2.  *  b
3.  *  c
4.  *  d

Question Number : 83  Question Id : 7883  Question Type : MCQ  Option Shuffling : No
Correct : 1.0  Wrong : 0.33

Which of the following is a non-primitive data type in Java?

(A) boolean (B) float
(C) string (D) byte

Options :
1. **a**
2. **b**
3. ✓ **c**
4. **d**

Question Number : 84  Question Id : 7884  Question Type : MCQ  Option Shuffling : No
Correct : 1.0  Wrong : 0.33

Which of the following is not a valid software development model?

(A) Spiral model  (B) Circular model
(C) Waterfall model  (D) RAD model

Options :
1. **a**
2. ✓ **b**
3. **c**
4. **d**

Question Number : 85  Question Id : 7885  Question Type : MCQ  Option Shuffling : No
Correct : 1.0  Wrong : 0.33

Which of the following software development model is also referred as linear-sequential model?

(A) Spiral model  (B) Iterative model
(C) Waterfall model  (D) Incremental model

Options :
1. **a**
2. **b**
3. ✓ **c**
4. **d**

Question Number : 86  Question Id : 7886  Question Type : MCQ  Option Shuffling : No
Correct : 1.0  Wrong : 0.33

The full form of the software cost estimation model, COCOMO, is

(A) Common Cost Model  (B) Converging Cost Model
(C) Cost Constructive Model  (D) Constructive Cost Model

Options :
1. **a**
2. **b**
3. **c**
4. ✓ **d**

Question Number : 87  Question Id : 7887  Question Type : MCQ  Option Shuffling : No
Correct : 1.0  Wrong : 0.33
The process of evaluating software during or at the end of the development process to determine whether it satisfies specified business requirements is called

(A) Risk management (B) Testing
(C) Verification (D) Validation

Options:
1. a
2. b
3. c
4. d

Question Number: 88  Question Id: 7888  Question Type: MCQ  Option Shuffling: No
Correct: 1.0  Wrong: 0.33

Which of the following is a black-box testing method?

(A) API testing (B) Mutation testing
(C) Boundary value analysis (D) Static testing

Options:
1. a
2. b
3. c
4. d

Question Number: 89  Question Id: 7889  Question Type: MCQ  Option Shuffling: No
Correct: 1.0  Wrong: 0.33

The prescribed per bed water demand for hospitals including laundry facility having less than 100 beds

(a) 340 litres per bed per day
(b) 450 litres per bed per day
(c) 250 litres per bed per day
(d) 280 litres per bed per day

Options:
1. a
2. b
3. c
4. d

Question Number: 90  Question Id: 7890  Question Type: MCQ  Option Shuffling: No
Correct: 1.0  Wrong: 0.33
The results of conductivity are generally expressed in millisemens per meter. The millisemens are then converted to mg/l using a multiplier, which ranges from

(a) 0.55 to 0.90
(b) 0.055 to 0.090
(c) 0.0055 to 0.090
(d) 0.055 to 0.90

Options:
1. ★ a
2. ✔ b
3. ★ c
4. ★ d

Question Number : 91  Question Id : 7891  Question Type : MCQ  Option Shuffling : No
Correct : 1.0  Wrong : 0.33

Let $x$ be the greatest number that divides 1541, 2443 and 2607 leaving the same remainder in each case. The sum of digit of $x$ is

a) 6
b) 7
c) 8
d) 10

Options:
1. ★ a
2. ★ b
3. ★ c
4. ✔ d

Question Number : 92  Question Id : 7892  Question Type : MCQ  Option Shuffling : No
Correct : 1.0  Wrong : 0.33

If $a = 2^8 \times 3^7 \times 5^6$, $b = 2^6 \times 3^{10} \times 5^{10}$, $c = 2^7 \times 3^8 \times 5^9$ and $d = 2^7 \times 3^{10} \times 5^6$ then HCF of $a$, $b$, $c$ and $d$ is

a) $3^6 \times (10)^6$
b) $2^6 \times 3^7 \times 5^8$
c) $3^6 \times (10)^7$
d) $2^8 \times 3^{10} \times 5^9$

Options:
1. ✔ a
2. ★ b
3. ★ c
4. ★ d

Question Number : 93  Question Id : 7893  Question Type : MCQ  Option Shuffling : No
Correct : 1.0  Wrong : 0.33
Two numbers are respectively 30% and 40% less than a third number. What percent is the second of the first number?

a) 75
b) $85\frac{5}{7}$
c) 133
d) $116\frac{2}{3}$

Options:
1. * a
2. ✅ b
3. * c
4. * d

Question Number : 94 Question Id : 7894 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33

If $A : B = 3/4$, $6B = 5C$ and $C : D = 11/9$, then $A : D$ is

a) 11/9
b) 1/3
c) 55/72
d) 45/52

Options:
1. * a
2. ✅ b
3. ✗ c
4. * d

Question Number : 95 Question Id : 7895 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33

Shankar bought apples, mangoes and grapes. The ratio of weight of apples to that of mangoes bought is the same as the weight of mangoes to that of grapes bought. If he bought 14.4 kg of apples and 10 kg of grapes, then the weight of mangoes (in kg) is

a) 12.2
b) 12
c) 9.6
d) 9

Options:
1. * a
2. ✅ b
3. ✗ c
4. * d

Question Number : 96 Question Id : 7896 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33
How much water in litres must be mixed in 20 litres of a liquid A at the rate of Rs. 37.50 a litre so that the cost of the mixture may be reduce to Rs. 30 a litre?

a) 4  
b) 5  
c) 6  
d) 8

Options:
1. ✗ a  
2. ✔ b  
3. ✗ c  
4. ✗ d

Question Number : 97  Question Id : 7897  Question Type : MCQ  Option Shuffling : No  
Correct : 1.0  Wrong : 0.33

Two vessels A and B contain alcohol and water in the ratio of 3:1 and 5:3 respectively. The ratio in which those are to be mixed to get a new mixture containing alcohol and water in the ratio 2:1 is

a) 1:2  
b) 2:1  
c) 5:1  
d) 1:4

Options:
1. ✔ a  
2. ✗ b  
3. ✗ c  
4. ✗ d

Question Number : 98  Question Id : 7898  Question Type : MCQ  Option Shuffling : No  
Correct : 1.0  Wrong : 0.33

A loan of Rs. 42000 is to be paid back in two equal annual installments. If the interest is compounded annually at 10% per annum, then each installment will be

a) Rs 21000  
b) Rs 22400  
c) Rs 24000  
d) Rs 24200

Options:
1. ✗ a  
2. ✗ b  
3. ✗ c  
4. ✔ d

Question Number : 99  Question Id : 7899  Question Type : MCQ  Option Shuffling : No  
Correct : 1.0  Wrong : 0.33
The least number of complete years in which a sum of money put out at 20% compound interest will be more than double is
   a) 3
   b) 4
   c) 5
   d) 6

Options :
1. ❌ a
2. ✔️ b
3. ❌ c
4. ❌ d

Question Number : 100  Question Id : 7900  Question Type : MCQ  Option Shuffling : No
Correct : 1.0  Wrong : 0.33

A sells an article to B at a profit of 20%. B sells it to C at a profit of 20%. It C pay Rs 2880 for it, the cost price (in Rs) of the article for A is
   a) 2000
   b) 2200
   c) 1840
   d) 1440

Options :
1. ✔️ a
2. ❌ b
3. ❌ c
4. ❌ d

Question Number : 101  Question Id : 7901  Question Type : MCQ  Option Shuffling : No
Correct : 1.0  Wrong : 0.33

A dealer buys a table whose listed price is Rs \( x \) and gets two successive discounts of 10% and 20%. He now spends 10% of the cost price of the table on transport. If the final cost of the table to the dealer is Rs 9108, then the value of \( x \) is
   a) 12400
   b) 11500
   c) 10500
   d) 8280

Options :
1. ❌ a
2. ✔️ b
3. ❌ c
4. ❌ d

Question Number : 102  Question Id : 7902  Question Type : MCQ  Option Shuffling : No
Correct : 1.0  Wrong : 0.33
A train of length 300 m takes 10 seconds to cross another train 200 m long coming from opposite direction. If the speed of the second train is 100 km/hour, then the speed (in km/hour) of the first train is
a) 90
b) 85
c) 80
d) 75

Options:
1. **a
2. **b
3. ✓ c
4. **d

Question Number: 103  Question Id: 7903  Question Type: MCQ  Option Shuffling: No
Correct: 1.0  Wrong: 0.33

The ratio of the speeds of two trucks is 14:17. If the first truck covers 490 km in 7 hours, then the speed (in km/hour) of the second truck is
a) 7
b) 85
c) 90
d) 102

Options:
1. **a
2. ✓ b
3. **c
4. **d

Question Number: 104  Question Id: 7904  Question Type: MCQ  Option Shuffling: No
Correct: 1.0  Wrong: 0.33

Pipe A can fill a tank in 4 hours and B can fill it in 6 hours. If they are opened on alternate hours and pipe A is opened first, how many hours will the tank be full?

a) $\frac{2}{3}$
b) $\frac{4}{3}$
c) $\frac{4}{3}$
d) $\frac{5}{3}$

Options:
1. **a
2. **b
3. ✓ c
4. **d

Question Number: 105  Question Id: 7905  Question Type: MCQ  Option Shuffling: No
Correct: 1.0  Wrong: 0.33
Ten men can prepare 20 toys in 8 days working 6 hours a day. In how many days can 24 men prepare 32 toys working 8 hours a day?

a) 3
b) 4
c) 5
d) 6

Options:
1. **a**
2. ✔️ b
3. ✔️ c
4. ✔️ d

The average of five consecutive even numbers is 30. The average of first and last of these numbers is

a) 26
b) 28
c) 30
d) 34

Options:
1. ✔️ a
2. ✔️ b
3. ✔️ c
4. ✔️ d

If a person covers three equal distances at the speed of 15 km/h, 12 km/h and 10 km/h respectively. The average speed (in km/h) during the whole journey is

a) $12 \frac{1}{3}$
b) 12
c) 13
d) $12 \frac{1}{2}$

Options:
1. ✔️ a
2. ✔️ b
3. ✔️ c
4. ✔️ d
If the quadratic equation $x^2 + 2(k - 4) + 2k = 0$ has equal roots, then the sum of values of $K$ is

a) 6  
b) 8  
c) 10  
d) 12

Options:
1. ✔️ a  
2. ✔️ b  
3. ✔️ c  
4. ✔️ d

For the above question, User had specified 'ignore' during keys upload.

Question Number : 109  Question Id : 7909  Question Type : MCQ  Option Shuffling : No  
Correct : 1.0  Wrong : 0.33

If $\alpha$ and $\beta$ are the roots of the equation $x^2 + ax + \beta = 0, \beta \neq 0$ then the value of $(\alpha - \beta)$ is

a) 2  
b) 3  
c) 1  
d) 0

Options:
1. ✔️ a  
2. ✔️ b  
3. ✔️ c  
4. ✔️ d

Question Number : 110  Question Id : 7910  Question Type : MCQ  Option Shuffling : No  
Correct : 1.0  Wrong : 0.33

One of the factors of $(x + 1)(x - 2)(x + 3)(x - 4) - 24$ is

a) $(x + 1)$  
b) $(x - 1)$  
c) $(x + 3)$  
d) $(x + 4)$

Options:
1. ✔️ a  
2. ✔️ b  
3. ✔️ c  
4. ✔️ d

Question Number : 111  Question Id : 7911  Question Type : MCQ  Option Shuffling : No  
Correct : 1.0  Wrong : 0.33
The expression $2x^3 + 5x^2 - 28x - 15$ is factorized as

a) $(x + 3)(x - 5)(2x + 1)$  
b) $(x + 3)(x + 5)(2x - 1)$  
c) $(x - 3)(x - 5)(2x - 1)$  
d) $(x - 3)(x + 5)(2x + 1)$

Options:
1. **a**
2. **b**
3. **c**
4. **d**

---

Two arithmetic progressions have the same common difference. The difference between their $100^{th}$ terms is 100. The difference between their $1000^{th}$ terms is

a) 100  
b) 99  
c) 999  
d) 1000

Options:
1. **a**
2. **b**
3. **c**
4. **d**

---

The value of $\sum_{n=1}^{20}(2^n - 1)$ is

a) $2^{20} - 21$  
b) $2^{20} - 22$  
c) $2^{21} - 22$  
d) $2^{21} - 21$

Options:
1. **a**
2. **b**
3. **c**
4. **d**

---

The value of $\sum_{n=1}^{10}(2^n - 1)$ is

a) $2^{10} - 10$  
b) $2^{10} - 11$  
c) $2^{11} - 11$  
d) $2^{11} - 10$

Options:
1. **a**
2. **b**
3. **c**
4. **d**
The value of \( \sec \theta (1 - \sin \theta) (\sec \theta + \tan \theta) \) is

a) 0  
b) 1  
c) -1  
d) 2

Options:
1. **a**  
2. ✓b  
3. **c**  
4. **d**

Question Number : 115  Question Id : 7915  Question Type : MCQ  Option Shuffling : No  
Correct : 1.0  Wrong : 0.33

A tower stands vertically on the ground. The angle of elevation form a point on the ground which is 60 m away from the foot of the tower is \(30^\circ\). The height (in m) of the tower is approximately

a) 17.3  
b) 20.3  
c) 28.2  
d) 34.6

Options:
1. **a**  
2. **b**  
3. **c**  
4. ✓d

Question Number : 116  Question Id : 7916  Question Type : MCQ  Option Shuffling : No  
Correct : 1.0  Wrong : 0.33

In a cricket match what is the maximum number of players who can get a chance to bat?

a) 8  
b) 9  
c) 10  
d) 11

Options:
1. **a**  
2. **b**  
3. **c**  
4. ✓d

Question Number : 117  Question Id : 7917  Question Type : MCQ  Option Shuffling : No  
Correct : 1.0  Wrong : 0.33

With which of the sports Saina Nehwal is associated?

a) Badminton  
b) Lawn Tennis  
c) Table Tennis  
d) Squash

Options:
Which is not the correct comparison between direct current and alternating current?

a) DC Flows only in one direction, AC Reverses direction periodically

b) DC Magnitude changes continuously with time AC Magnitude may or may not remain constant

c) DC Current obtained from a battery or DC generator AC Current from AC generator

d) DC stands for Direct Current AC stands for Alternate current

Options :
1. ✔ a
2. ✔ b
3. ✔ c
4. ✔ d

Manu was giving reasons to convince her father to install a solar geyser. Which reason given by her was incorrect? Solar energy is

a) non renewable
b) ecofriendly
c) freely available
d) solar geysers require low maintenance cost

Options :
1. ✔ a
2. ✔ b
3. ✔ c
4. ✔ d
A particular compound of sodium helps to reduce acidity in the stomach. Which one is it?

a) Sodium Chloride  
b) Sodium Carbonate  
c) Sodium bicarbonate  
d) Sodium Acetate

Options:
1. ✗ a  
2. ✗ b  
3. ✓ c  
4. ✗ d

Question Number : 121  Question Id : 7921  Question Type : MCQ  Option Shuffling : No  
Correct : 1.0  Wrong : 0.33

A safety measure for avoiding electric shock while using electrical appliances with a metal body is to have the following wire in the circuit

a) Live wire  
b) Neutral wire  
c) Earth wire  
d) Cable wire

Options:
1. ✗ a  
2. ✗ b  
3. ✓ c  
4. ✗ d

Question Number : 122  Question Id : 7922  Question Type : MCQ  Option Shuffling : No  
Correct : 1.0  Wrong : 0.33

When you burn a fossil fuel which gas is given out?

a) Carbon di oxide  
b) Hydrogen  
c) Ammonia  
d) Methane

Options:
1. ✓ a  
2. ✗ b  
3. ✗ c  
4. ✗ d

Question Number : 123  Question Id : 7923  Question Type : MCQ  Option Shuffling : No  
Correct : 1.0  Wrong : 0.33
An iron cooking vessel is usually coated with zinc to
a) help it get heated speedily
b) make it stronger and not break easily
c) prevent it from rusting
d) prevent it from bending

Options:
1. ✓ a
2. ✓ b
3. ✓ c
4. ✓ d

Question Number : 124  Question Id : 7924  Question Type : MCQ  Option Shuffling : No
Correct : 1.0  Wrong : 0.33
Which state is the leading producer of coconut?
 a) Karnataka  b) Kerala  c) Tamilnadu  d) West Bengal

Options:
1. ✔ a
2. ✔ b
3. ✔ c
4. ✔ d

Question Number : 125  Question Id : 7925  Question Type : MCQ  Option Shuffling : No
Correct : 1.0  Wrong : 0.33
In geography what does the term ablation mean?
 a) Formation of snow
b) Erosion by snow
c) Melting of snow
d) Pressure created by snow

Options:
1. ✔ a
2. ✔ b
3. ✔ c
4. ✔ d

Question Number : 126  Question Id : 7926  Question Type : MCQ  Option Shuffling : No
Correct : 1.0  Wrong : 0.33
What is not true of internet?
 a) Can connects all types of computers across the world
b) Provides access to information of all kinds
c) Helps to get information at the click of a button
d) It is controlled by a tower at All India Radio

Options:
Question Number : 127  Question Id : 7927  Question Type : MCQ  Option Shuffling : No
Correct : 1.0  Wrong : 0.33
Mangoes grow on a
a) herb        b) Shrub        c) Tree        d) Climber
Options :
1. * a
2. * b
3. ✓ c
4. * d

Question Number : 128  Question Id : 7928  Question Type : MCQ  Option Shuffling : No
Correct : 1.0  Wrong : 0.33
Which part of a plant is referred to as food factory and why?
a) Leaf; because it carries out photosynthesis
b) Root; because it absorbs water and minerals from soil
c) Flower; because it makes pigment which gives it colour
d) Stem; because it provides nutrition to the plant
Options :
1. ✓ a
2. * b
3. * c
4. * d

Question Number : 129  Question Id : 7929  Question Type : MCQ  Option Shuffling : No
Correct : 1.0  Wrong : 0.33
The factor responsible for inheritance of features from parents are
a) cells        b) genes        c) cytoplasmic organelles        d) tissues
Options :
1. * a
2. ✓ b
3. * c
4. * d

Question Number : 130  Question Id : 7930  Question Type : MCQ  Option Shuffling : No
Correct : 1.0  Wrong : 0.33
Who is called the ‘architect’ of Indian constitution?
a) M K Gandhi  
b) J L Nehru  
c) B R Ambedkar  
d) Indira Gandhi

Options:
1. a 
2. b 
3. c 
4. d

Question Number : 131  Question Id : 7931  Question Type : MCQ  Option Shuffling : No  
Correct : 1.0  Wrong : 0.33

The name of an Indian Economist who got the Nobel Prize is
a) Amartya Sen  
b) Rabindra Nath Tagore  
c) Hargobind Khurana  
d) C V Raman

Options:
1. a  
2. b  
3. c  
4. d

Question Number : 132  Question Id : 7932  Question Type : MCQ  Option Shuffling : No  
Correct : 1.0  Wrong : 0.33

Which currency upon exchange will give you the maximum money in Indian rupees?
a) Dollar  
b) Pound  
c) Euro  
d) Taka

Options:
1. a  
2. b  
3. c  
4. d

Question Number : 133  Question Id : 7933  Question Type : MCQ  Option Shuffling : No  
Correct : 1.0  Wrong : 0.33

Which out of the following is not a nationalized bank?
a) Punjab National  
b) Standard Chartered  
c) Central Bank  
d) State Bank of India

Options:
Question Number : 134  Question Id : 7934  Question Type : MCQ  Option Shuffling : No
Correct : 1.0  Wrong : 0.33

The first Indian governor general of Independent India was
a) C Rajagopalachari
b) Maulana Abul Kalam Azab
c) Subhash Chandra Bose
d) Sardar V. B. Patel

Options :
1. ✓ a
2. ✗ b
3. ✗ c
4. ✗ d

Question Number : 135  Question Id : 7935  Question Type : MCQ  Option Shuffling : No
Correct : 1.0  Wrong : 0.33

The Sepoy Mutiny against the British was in Year
a) 1657  b) 1757  c) 1857  d) 1957

Options :
1. ✗ a
2. ✗ b
3. ✓ c
4. ✗ d

Question Number : 136  Question Id : 7936  Question Type : MCQ  Option Shuffling : No
Correct : 1.0  Wrong : 0.33

The atom bombing which destroyed Hiroshima and Nagasaki in Japan was done by
a) England  b) USA  c) Germany  d) France

Options :
1. ✗ a
2. ✓ b
3. ✗ c
4. ✗ d

Question Number : 137  Question Id : 7937  Question Type : MCQ  Option Shuffling : No
Correct : 1.0  Wrong : 0.33

Which out of the following is a mammal?
a) Tortoise  b) Toad  c) Bat  d) Crocodile
Options:
1. ✗ a
2. ✗ b
3. ✓ c
4. ✗ d

Question Number : 138  Question Id : 7938  Question Type : MCQ  Option Shuffling : No
Correct : 1.0  Wrong : 0.33
Normally the budget session of the Indian Parliament starts in the month of
a) January   b) February   c) July   d) August

Options:
1. ✗ a
2. ✗ b
3. ✓ c
4. ✗ d

Question Number : 139  Question Id : 7939  Question Type : MCQ  Option Shuffling : No
Correct : 1.0  Wrong : 0.33
Oscar awards are given for the best in the field of
a) Literature   b) Instrumental Music   c) Dance   d) Films

Options:
1. ✗ a
2. ✗ b
3. ✓ c
4. ✗ d

Question Number : 140  Question Id : 7940  Question Type : MCQ  Option Shuffling : No
Correct : 1.0  Wrong : 0.33
In Chemistry common salt is written as
a) KCl   b) NaCl   c) NaOH   d) KOH

Options:
1. ✗ a
2. ✓ b
3. ✗ c
4. ✗ d

Question Number : 141  Question Id : 7941  Question Type : MCQ  Option Shuffling : No
Correct : 1.0  Wrong : 0.33
‘The goalkeeper is the younger of the two brothers of the daughter of my father’s wife,’ said A
How is the goalkeeper related to A?
(A) Uncle   (B) Nephew   (C) Son   (D) Brother

Options:
1. ✗ a
2. * b
3. * c
4. ✓ d

Question Number : 142  Question Id : 7942  Question Type : MCQ  Option Shuffling : No
Correct : 1.0  Wrong : 0.33
Which of the following number-pairs is different from the other four?
13 - 156, 12 - 132, 20 - 360, 7 - 42, 8 - 56
(A) 20 - 360  (B) 13 - 156  (C) 12 - 132  (D) 8 - 56
Options :
1. ✓ a
2. * b
3. * c
4. * d

Question Number : 143  Question Id : 7943  Question Type : MCQ  Option Shuffling : No
Correct : 1.0  Wrong : 0.33
Look at the series of groups of letters YAB, CEF, GIIJ, MOP which have a common feature. What would be the next in the series?
(A) SUX  (B) RUV  (C) SUV  (D) RUY
Options :
1. * a
2. * b
3. ✓ c
4. * d

Question Number : 144  Question Id : 7944  Question Type : MCQ  Option Shuffling : No
Correct : 1.0  Wrong : 0.33
Bob says, "In two years, I will be as twice old as I was three years ago. In how many years will Bob be 18?"
(A) 4  (B) 10  (C) 8  (D) 6
Options :
1. * a
2. ✓ b
3. * c
4. * d

Question Number : 145  Question Id : 7945  Question Type : MCQ  Option Shuffling : No
Correct : 1.0  Wrong : 0.33
Look at the following series of number-pairs):
(20, 21), (21, 23), (22, 25), (23, 27) (24, 29), (25, 30), (26, 33), ....
Which of these does not fit in?
(A) (25, 30)  (B) (21, 23)  (C) (22, 25)  (D) (26, 33)
Options :
1. ✓ a
2. **b**  
3. **c**  
4. **d**

**Question Number : 146  Question Id : 7946  Question Type : MCQ  Option Shuffling : No**  
Correct : 1.0  Wrong : 0.33  
Pulp : Paper = ... : Book  
(A) School  (B) Education  (C) Paper  (D) Magazine  
Options :  
1. **a**  
2. **b**  
3. ✓  **c**  
4. **d**

**Question Number : 147  Question Id : 7947  Question Type : MCQ  Option Shuffling : No**  
Correct : 1.0  Wrong : 0.33  
If LEADING is coded as 3487916, how would you code GLADDEN?  
(A) 638741  (B) 63784125  (C) 6387471  (D) 6387741  
Options :  
1. **a**  
2. **b**  
3. **c**  
4. ✓  **d**

**Question Number : 148  Question Id : 7948  Question Type : MCQ  Option Shuffling : No**  
Correct : 1.0  Wrong : 0.33  
If GENTLE is coded as FDMSKD, how will MILD be coded as?  
(A) NJME  (B) LHKC  (C) LHKD  (D) LIKD  
Options :  
1. **a**  
2. ✓  **b**  
3. **c**  
4. **d**

**Question Number : 149  Question Id : 7949  Question Type : MCQ  Option Shuffling : No**  
Correct : 1.0  Wrong : 0.33  
My room has a door on the north wall. On the wall on the right as you enter, there is a clock and on the opposite wall, there is a huge mirror. If it is 3 pm, in what direction is the hour hand of the image of the clock in the mirror point?  
(A) North  (B) West  (C) East  (D) South  
Options :  
1. ✓  **a**  
2. **b**  
3. **c**  
4. **d**
What number should come in the fourth square?

\[
\begin{array}{cccc}
1 & 3 & 6 & 0 \\
7 & 4 & 2 & 0 \\
75 & 76 & 77 & \_ \\
7 & 6 & 6 & 5 \\
4 & 4 & 3 & 5 \\
0 & 0 & 4 & 2 \\
\end{array}
\]

a. 64  
   b. 75  
   c. 78  
   d. 54

Options:
1. * a
2. * b
3. * c
4. ✔ d