

Railway Recruitment Board

Notations :

- Options shown in green color and with ✓ icon are correct.
- Options shown in red color and with ✗ icon are incorrect.

Question Paper Name:	Junior Engineer IT 4th Sep Shift 2 Actual
Subject Name:	Junior Engineer IT
Creation Date:	2015-08-31 13:42:24.0
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Junior Engineer IT

Group Number :	1
Group Id :	43
Group Maximum Duration :	0
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Revisit allowed for view? :	No
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Break time:	0
Group Marks:	150.0

Junior Engineer IT

Section Id :	43
Section Number :	1
Section type :	Online
Mandatory or Optional:	Mandatory
Number of Questions:	150
Number of Questions to be attempted:	150
Section Marks:	150.0

Sub-Section Number:	1
Sub-Section Id:	43
Question Shuffling Allowed :	Yes

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

MS-Windows operating system is

- Case sensitive
- Processor-dependent
- Developed, marketed, and sold by Intel
- A metafamily of graphical operating systems

Options :

1. ✘ a
2. ✘ b
3. ✘ c
4. ✔ d

Question Number : 2 Question Id : 7802 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33

Which of the following statements about Windows NT is not correct?

- | | |
|--------------------------------------|---|
| a. It is multi-user operating system | c. It is multi-processing operating system |
| b. It is processor-independent | d. It does not support graphical user interface |

Options :

1. ✘ a
2. ✘ b
3. ✘ c
4. ✔ d

Question Number : 3 Question Id : 7803 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33

MS-Word is a

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

Options :

1. ✔ a
2. ✘ b
3. ✘ c
4. ✘ d

Question Number : 4 Question Id : 7804 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33

Which of the following is not a valid category of "alignment" in MS-Word?

- | | |
|-------------|------------|
| a. Left | c. Right |
| b. Vertical | d. Justify |

Options :

1. ✘ a
2. ✘ b
3. ✔ c
4. ✘ d

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

Question Number : 6 Question Id : 7806 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

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

Question Number : 7 Question Id : 7807 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

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

Question Number : 8 Question Id : 7808 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Integrated Circuits (ICs) were used in

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

Options :

- 1. ✘ a
- 2. ✘ b
- 3. ✔ c

4. ✘ d

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 :

1. ✓ a
2. ✗ b
3. ✗ c
4. ✗ d

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) | c. MIPS |
| b. MFLOPS | 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 | c. SRAM uses capacitors |
| b. SRAM is faster than DRAM | 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 | c. Read only memory |
| b. Volatile 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
- b. Top to Bottom
- c. Right to Left
- 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

4. ✘ d

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

Options :

1. ✓ a
2. ✗ b
3. ✗ c
4. ✗ d

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 |

Options :

1. ✗ a
2. ✗ b
3. ✓ c
4. ✗ d

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?

- | | |
|----------------|----------------|
| a. Simplex | b. Half-duplex |
| c. Full-duplex | d. Triplex |

Options :

1. ✗ a
2. ✓ b
3. ✗ c
4. ✗ d

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

- | | |
|--------|--------|
| a. B2B | b. B2C |
| c. C2B | d. C2C |

Options :

1. ✓ a
2. ✗ b
3. ✗ c
4. ✗ d

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 :

- ✘ a
- ✘ b
- ✘ c
- ✔ d

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 :

- ✔ a
- ✘ b
- ✘ c
- ✘ 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 :

- ✘ a
- ✘ b
- ✘ c
- ✔ 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 :

- ✘ a
- ✘ b
- ✘ c
- ✔ 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 :

1. ✘ a
2. ✘ b
3. ✘ c
4. ✔ d

Question Number : 49 Question Id : 7849 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33

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 Number : 50 Question Id : 7850 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33

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 Number : 51 Question Id : 7851 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33

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 Number : 52 Question Id : 7852 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

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

3. ✘ c

4. ✘ d

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)

Options :

- 1. ✘ a
- 2. ✘ b
- 3. ✔ c
- 4. ✘ d

Question Number : 74 Question Id : 7874 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33

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)

Options :

- 1. ✘ a
- 2. ✔ b
- 3. ✘ c
- 4. ✘ d

Question Number : 75 Question Id : 7875 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33

Which of the following is an unguided transmission media?

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

Options :

- 1. ✔ a
- 2. ✘ b
- 3. ✘ c
- 4. ✘ d

Question Number : 76 Question Id : 7876 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33

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

- (A) 1
- (B) $n-1$
- (C) n
- (D) $n+1$

Options :

- 1. ✘ a
- 2. ✔ b

3. ✘ c

4. ✘ d

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

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

- a) $3^7 \times (10)^6$
- 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 numbers. 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%. If 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, in how many hours will the tank be full?

- a) $3\frac{2}{3}$
- b) $4\frac{1}{3}$
- c) $4\frac{2}{3}$
- d) $5\frac{1}{3}$

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

Question Number : 106 Question Id : 7906 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

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

Question Number : 107 Question Id : 7907 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

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

Question Number : 108 Question Id : 7908 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

If the quadratic equation $x^2 + 2(k - 4)x + 2k = 0$ 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 α and β are the roots of the equation $x^2 + \alpha x + \beta = 0, \beta \neq 0$ 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

Question Number : 112 Question Id : 7912 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

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

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

Options :

- 1. ✔ a
- 2. ✘ b
- 3. ✘ c
- 4. ✘ d

Question Number : 113 Question Id : 7913 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

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

Question Number : 114 Question Id : 7914 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

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 from a point on the ground which is 60 m away from the foot of the tower is 30° . 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 :

1. ✓ a
2. ✗ b
3. ✗ c
4. ✗ d

Question Number : 118 Question Id : 7918 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33

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

Question Number : 119 Question Id : 7919 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33

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

Question Number : 120 Question Id : 7920 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33

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 :

- ✘ a
- ✘ b
- ✘ c
- ✔ d

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 :

- ✘ a
- ✘ b
- ✔ c
- ✘ 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 :

- ✔ a
- ✘ b
- ✘ c
- ✘ 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 :

- ✘ a
- ✔ b
- ✘ c
- ✘ 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 :

- ✘ a
- ✔ b
- ✘ c
- ✘ d

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

- C Rajagopalachari
- Maulana Abul Kalam Azab
- Subhash Chandra Bose
- Sardar V. B. Patel

Options :

- ✔ a
- ✘ b
- ✘ c
- ✘ 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

- 1657
- 1757
- 1857
- 1957

Options :

- ✘ a
- ✘ b
- ✔ c
- ✘ 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

- England
- USA
- Germany
- France

Options :

- ✘ a
- ✔ b
- ✘ c
- ✘ 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?

- Tortoise
- Toad
- Bat
- 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, GIJ, 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

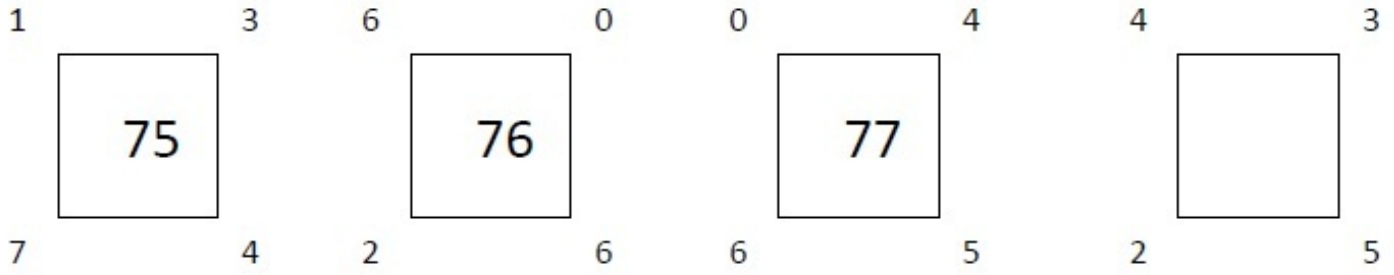
Options :

1. ✔ a
2. ✘ b
3. ✘ c
4. ✘ d

Question Number : 150 Question Id : 7950 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

What number should come in the fourth square?



a. 64

b. 75

c. 78

d. 54

Options :

1. ✘ a

2. ✘ b

3. ✘ c

4. ✔ d