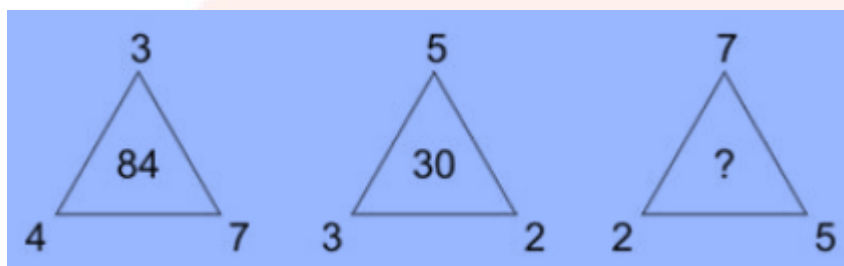


SAMPLE PAPER 02**Section01 Logical Reasoning**

1. In the following question, select the number which can be placed at the sign of question mark (?) from the given alternatives.



- (A) 45
- (B) 50
- (C) 70
- (D) 105

Ans C)

Explanation: Multiplication of all numbers at corners

$$4 \times 3 \times 7 = 84$$

$$7 \times 5 \times 2 = 70$$

2. In a certain code language, "PHONE" is written as "QJRRJ". How is "PAGER" written in that code language?

- (A) QCJIW
- (B) QCJKW
- (C) QCKIW
- (D) QCKIY

Ans A)

Explanation:

$$\begin{array}{ll} P+1=Q & P+1=Q \\ H+2=J & A+2=C \\ O+3=R & G+3=J \\ N+4=R & E+4=I \\ E+5=J & R+5=W \end{array}$$

3. In the following question below are given some statements followed by some conclusions. Taking the given statements to be true even if they seem to be at variance from commonly known facts, read all the conclusions and then decide which of the given conclusion logically follows the given statements.

Statements:

- I. All ears are hands.
- II. No hand is nose.

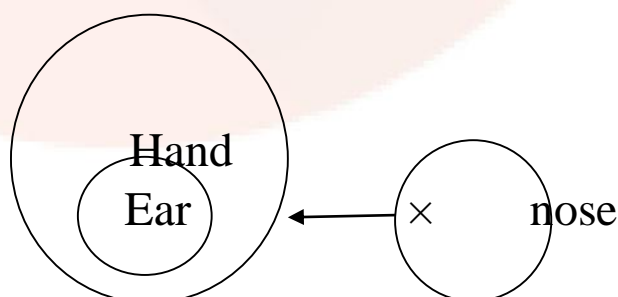
Conclusions:

- I. No ear is nose.
- II. All noses are ears.
- III. Some hands are noses.

- (A) Only I
- (B) Only II
- (C) Only III
- (D) None follows.

Ans A)

Explanation:



4. In the following question, select the word which cannot be formed using the letters of the given word.

HANGOVER

(A) RANGE

(B) RAGE

(C) HOVER

(D) HANGS

Ans D)

Explanation: Letter 'S' is absent in the above word hence, word 'HANGS' can't be formed.

5. By interchanging which two signs the equation will be correct?

$$16 + 31 - 3 \times 93 \div 11 = 966$$

(A) + and -

(B) - and \div

(C) \div and \times

(D) \times and +

Ans B)

- and \div

Explanation: $16 + 31 - 3 \times 93 \div 11 = 966$

After interchanging the signs.

$$16 + 31 \div 3 \times 93 - 11 = 966$$

6. In the following question, select the related word from the given alternatives.

Badminton: Shuttle: : Cricket : ?

- (A) Dice
- (B) Ball
- (C) Striker
- (D) Pitch

Ans B)

Explanation: Shuttle is used in Badminton. Similarly, Ball is used in cricket.

7. In the following question, select the related number from the given alternatives.

110 : 12100 : : 170 : ?

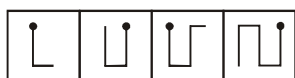
- (A) 2890
- (B) 28900
- (C) 18900
- (D) 36100

Ans B)

Explanation: $(110^2) = 12100$

$170^2 = 28900$

8. Directions (Q. 8): Find the figures which will continue the same series.



(A)



(B)



(C)



(D)



Ans. A)

Explanation:

Directions (Q. 9): In the following, a question is followed by two statements marked I and II. Decide which of the statements are sufficient to answer the question. Choose your answer from the given alternatives.

Who is tallest among A, B, C and D?

Statement (I): A is taller than B and D.

Statement (II): C is shorter than A and D.

(A) Only (I) is sufficient

(B) Only (II) is sufficient

(C) Both (I) and (II) are sufficient

(D) Both (I) and (II) are not sufficient

Ans. C)

Explanation:

10. Five friends A, B, C, D and E went to college independently. Each one of them reached at a different time. If only B reached after C and D, who was the last person to reach?

- (A) A
- (B) B
- (C) C
- (D) Can't be determined

Ans. D)

Explanation: Since only B reached after C and D. So the last person to reach can't be determined.

Section02 Computers & IT

11. Given below are some options identify which of the following connects the CPU to various internal components and to expansion cards for graphics, networking and sound?

- (A) Chipset (B) Ports
- (C) Buses (D) Registers

Ans: (C)

Explanation: A bus is a subsystem of connecting system of a network. It is used to connect computer components and transfer data between them. It is very useful because the data is travel in straight line. For example, an internal bus connects computer internals to the motherboard.

12. Using a device you can identify a person by measuring his biological features, such devices are called _____ devices.

- (A) Password (B) Tethering
(C) Printing (D) Biometric

Ans: (D) Biometric

Explanation: Biometrics is the technical term used for body measurements and calculations with the help of computer. Like our finger print it is unique and if it saved in computer and use it like a security feature.

13. Which of the following actions can be assigned to a slide object or an action button?

- (A) Hyperlink to
(B) Play Sound
(C) Run program
(D) All of these

Ans: D

14. Identify the criteria that makes a computer system turing computer?

- (A) Its ability to solve any computational problem.
- (B) Its ability to display output in text mode.
- (C) Its ability to handle voice input.
- (D) Its ability to print files.

Ans: (A)

Explanation: A Turing machine is a mathematical model of computation that defines an abstract machine, which manipulates symbols on a strip of tape according to a table of rules. Despite the model's simplicity, given any computer algorithm, a Turing machine capable of simulating that algorithm's logic can be constructed.

15. Which command button allows you to add a custom layout in Slide Master view.

- (A) Create Layout
- (B) Insert Layout
- (C) Add Layout
- (D) Copy Layout

Ans: (B)

Explanation: In AutoCAD 2018.1, a few significant improvements have been made to working with views and viewports in the layouts. The layout viewports can now be created from named views and also directly from the layout itself if a named view of a desired area is not available. Using the New View and Insert View commands, you can easily and quickly create multiple layout viewports of different scales and sizes. This has made the whole process much simpler and now it is really easy to create defined views on the fly and set the scale while inserting those views as viewports in a layout.

16. Identify the following:

1. It is used for reading out text information to blind persons.
 2. It is also used for translation systems that convert entered text into spoken words in a language selected by user.
- (A) Voice Reproduction System
(B) Digitizer
(C) Equalizer
(D) Speech synthesizer

Ans: (D)

Explanation: Speech synthesis is the artificial production of human speech. A computer system used for this purpose is called a speech computer or speech synthesizer, and can be implemented in software or hardware products. A text-to-speech (TTS) system converts normal language text into speech; other systems render symbolic linguistic representations like phonetic transcriptions into speech. If you want to display the leading zero in a numeric entry. Like 01234567, how should it be entered in the cell?

- (A) (01234567) (B) "01234567
(C) '01234567 (D) +01234567

Ans: (C)

Explanation: Another way to keep leading zeros in Excel is to prefix a number with an apostrophe ('). For example, instead of typing 01, type '01. In this case, you don't need to change the cell's format.

17. Identify the data storage device that includes flash memory with a USB interface?

- (A) Jump drive (B) Optical disc drive
(C) Magnetic disk drive (D) Floppy disk drive

Ans: (A)

Explanation: USB jump drives and USB flash drives refer to the same type of device. Multiple names have been given to the technology, including USB keys, pen drives and thumb drives. USB flash drives are portable devices that make it easy to transfer computer files. USB jump drives and flash drives both use the same type of flash technology that allow files to be saved to the drive.

18. If you want to display the leading zero in a numeric entry. Like 01234567, how should it be entered in the cell?

- (A) (01234567) (B) “01234567
(C) ‘01234567 (D) +01234567

Ans: (C)

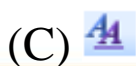
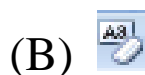
Explanation: Another way to keep leading zeros in Excel is to prefix a number with an apostrophe ('). For example, instead of typing 01, type '01. In this case, you don't need to change the cell's format.

19. What is INCORRECT about an SD card?

- (A) You can lock/unlock the write operation using the write protection notch.
- (B) A direction notch on the card indicates which side should be inserted first in the electronic equipment.
- (C) It is temporary or volatile memory.
- (D) The label of the memory card contains vendor identification.

Ans C)


20. Identify from the following options which can be used to change the set of styles, fonts and paragraph spacing used in a document?





(D) All of these

Ans: D

21. _____ icons is used to format a cell using pre-defined styles?

(A) 

(B) 

(C) 

(D) 

Ans. A

22. _____ is a valid cell range.

(A) A1; C4

(B) A1-C4

(C) A1:C4

(D) C4; A1

Ans: C

23. _____ is/are the elements of GUI .

(i) Menus

(ii) Windows

(iii) Icons

(A) Only (i)

(B) Only (ii)

(C) Only (iii)

(D) All (i) , (ii) and (iii)

Ans: (D)

Explanation: Stands for "Graphical User Interface" and is pronounced "gooey." It is a user interface that includes graphical elements, such as windows, icons and buttons. The term was created in the 1970s to distinguish graphical interfaces from text-based ones, such as command line interfaces. However, today nearly all digital interfaces are GUIs.

24. Now-a-days a smartbox is connected to the electronics in car to collect information about time. Speed, braking, cornering, acceleration and location to keep track of driving habits of the driver.

Which of the following is the most essential part of this smartbox?

- (A) LED
- (B) GPS
- (C) Microphone
- (D) None of this

Ans: (B)

Explanation: Stands for "Global Positioning System." GPS is a satellite navigation system used to determine the ground position of an object. GPS technology was first used by the

United States military in the 1960s and expanded into civilian use over the next few decades. Today, GPS receivers are included in many commercial products, such as automobiles, smartphones, exercise watches, and GIS devices.

25. _____ is/are the elements of GUI .

- (i) Menus (ii) Windows (iii) Icons
- (A) Only (i) (B) Only (ii) (C) Only (iii)
- (D) All (i) , (ii) and (iii)

Ans: (D)

Explanation: GUI Stands for "Graphical User Interface" It is a user interface that includes graphical elements, such as windows, icons and buttons etc. windows operating system is an example of GUI.

26. _____ is the ability of a system to support more than one processor to allocate tasks between them.

- (A) Multitasking (B) Multiprocessing
- (C) Batching (D) Multiuser

Ans: B

27. Choose which of the following stores information about the themes and slide layouts of a presentation. Including the background. Color, fonts, placeholder sizes and positioning.

(A) Section

(B) Transitions

(C) Slide Master

(D) Animation Pane

Ans: (C)

Explanation: In Small Basic, you can change the background and foreground colors of the text window's output text using the `BackgroundColor` and `ForegroundColor` properties of `TextWindow`.

Explanation: In Small Basic, you can change the background and foreground colors of the text window's output text using the `BackgroundColor` and `ForegroundColor` properties of `TextWindow`.

Explanation: In Microsoft PowerPoint, the Slide Master is the top slide that controls all information about the theme, layout, background, color, fonts, and positioning of all slides. Using the Slide Master can be an easy way to adjust the look of an existing theme or make changes to all slides in your presentation.

28. What should be typed in a cell to select all cells in row 5?

- (A) =5:5 (B) = cell (5)
(C) =5 (D) = A11 (5)

Ans: (A)

Explanation: Supposing you have a long list of data in your worksheet, and you need to sum every next 5 rows down like this: =SUM(B2:B6), =SUM(B7:B11) and so on, and then put the result in another column as following screenshot shown.

In this article, I will talk about some good formulas for you to solve this problem.

29. Which of the following option allows you to display your presentation in a web browser.

- (A) Custom Slide Show (B) Broadcast Slide Show
(C) Set Up Slide Show (D) Rehearse Slide Show

Ans: (A)

Explanation: Usually used within a big presentation, a custom slideshow is a sequence of slides that expresses some exact idea or represents a particular subtopic. Custom slideshows can run by clicking on a hyperlink during presentation

playback or be launched within the PowerPoint's Slide Showtab, where you see the list of your custom shows.

30. Given symbol is used to _____.



- (A) Change the shape of the current drawing
- (B) Convert the current drawing into a free-form shape
- (C) Insert an embedded object
- (D) Add an action to the selected object to specify what should happen when you click on it or hover over it with your mouse

Ans: (B)

Explanation: If you can't find the shape you're looking for, then you can draw your own. To do this, head over to the "Insert" tab and then click the "Shapes" button.

A drop-down menu will appear. Head over to the "Lines" section and locate the last two options. These options are the freeform shape (left) and scribble (right) tools.

31. Which number format multiplies the cell value by 100 and displays the result with a percent symbol.

- (A) Currency (B) Fraction
(C) Special (D) Percentage

Ans: (D)

Explanation: In mathematics, a percentage is a number or ratio expressed as a fraction of 100. It is often denoted using the percent sign, "%", or the abbreviations "pct.", "pct"; sometimes the abbreviation "pc" is also used.

32. x` Given symbol is used to _____.



- (A) Change the shape of the current drawing
(B) Convert the current drawing into a free-form shape
(C) Insert an embedded object
(D) Add an action to the selected object to specify what should happen when you click on it or hover over it with your mouse

Ans: (B)

Explanation: some time our desired shape is not available so we have to draw it .to creat a shape go to insert tab click on shapes. Drag down it , select the lines and change the shape accordingly to your convinence.

33. _____ is a smart TV platform developed by Google?

(A) Google TV+

(B) Android TV

(C) Android L

(D) Smart Android

Ans: (B)

Explanation: Android TV is a version of the Android operating system designed for digital media players and developed by Google. As a replacement for Google TV, it features a user interface designed around content discovery and voice search, surfacing content aggregated from various media apps and services, and integration with other recent Google technologies such as Assistant, Cast, and Knowledge Graph.

34. What will be the value of the variable 'a' after executing the statement, $a = \text{abs}(-6)$?

(A) 0

(B) -6

(C) 1

(D) 6

Ans: (D) 6

Explanation: Abs= In mathematics, the **absolute value** or **modulus** $|x|$ of a real number x is the non-negative value of x without regard to its sign. Namely, $|x| = x$ for a positive x , $|x| = -x$ for a negative x (in which case $-x$ is positive), and $|0| = 0$. For example, the absolute value of 3 is 3, and the absolute value of -3 is also 3. The absolute value of a number may be thought of as its distance from zero.

37. Which of the following is not allowed in Mail Merge feature of MS-Word?

(A) Select recipients from your phone book

(B) Specify how to handle errors when completing the mail merge

(C) Replace the merge fields with actual data from recipient list

(D) Sent mail-merged documents via e-mail

Ans: (A)

Explanation: Mail Merge is most often used to print or email form letters to multiple recipients. Using Mail Merge, you can easily customize form letters for individual recipients. Mail merge is also used to create envelopes or labels in bulk.

This feature works the same in all modern versions of Microsoft Word: 2010, 2013, and 2016.

38. What output you will get from the given lines of code?

```
CLS
```

```
COLOR 14, 2
```

(A) Foreground color is set to yellow and background color is set to green.





(B) Foreground color is set to green and background color is set to yellow.

(C) Foreground color is set to green and background color is set to default.

(D) Foreground color is set to blue and background color is set to green.

Ans:C)

39. Match the following:

	Column – I	Column –II
(A)	Hard disk	(i) 
(B)	SD Memory card	(ii) 
(C)	Optical Disc	(iii) 
(D)	CD drive	(iv) 

(A) (A) – (iii). (B) – (ii), (C) – (iv) (D) – (i)

(B) (A) – (iii). (B) – (iv), (C) – (ii) (D) – (i)

(C) (A) – (i). (B) – (iv), (C) – (ii), (D) – (iii)

(D) (A) – (i). (B) – (ii), (C) – (iv), (D) – (iii)

Ans: B)

40. _____ is the CORRECT description of AutoComplete feature?

(A) It will force MS-Excel to display value in multiple lines within the cell.

(B) It automatically fills the entry based on other entries that you have already made in a column.

When you type the first few letters of the similar text.

(C) It inserts a series of values or text items in a range of cells.

(D) None of these

Ans: (B)

Explanation: Autocomplete is a feature that helps us to just type some words and it will automatically adjust itself accordingly to the need of customer. This feature is mostly seen in google search.

41. _____ option changes font face, color and background graphics all at once for your slides in a presentation?

(A) Slide Orientation

(B) Themes

(C) Layout

(D) Page Setup

Ans: B

42. Seema has entered the value 1 into cell A1 and 3 into cell A2. Now, she select both the cells and dragged down the fill handle. What would be the result of this action?

- (A) It will create a linear series of even numbers.
- (B) It will create a number series of odd numbers.
- (C) It will copy the values of selected cells into next cells.
- (D) It is not possible to drag the fill handle downward.

Ans: (B)

Explanation: An odd number is an integer which is not a multiple of two; A number that when divided by two, leaves a remainder. If it is divided by two the result is a fraction. One is the first odd positive number. The next four bigger odd numbers are three, five, seven, and nine. Some sequential odd numbers are: {1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33, 35}, and so on.

43. Identify the correct option:

A theme can be _____.

- (A) Applied to all slides
- (B) Applied to selected slides
- (C) Hidden by right clicking on it
- (D) Both (A) and (B)

Ans: (D)

Explanation: A WordPress theme changes the design of your website, often including its layout. Changing your theme changes how your site looks on the front-end, i.e. what a visitor sees when they browse to your site on the web. There are thousands of free WordPress themes in the WordPress.org Theme Directory, though many WordPress sites use custom themes.

44. Identify the scanners that are used for photo-multiplier tubes to produce high quality results.

- (A) Flatbed (B) Sheet-fed
(C) Handheld (D) Drum

Ans: (D)

Explanation: A type of scanner used to capture the highest resolution from an image. Photographs and transparencies are taped, clamped or fitted into a clear cylinder (drum) that is spun at speeds exceeding 1,000 RPM during the scanning operation. A light source that focuses on one pixel is beamed onto the drum and moves down the drum a line at a time.

45. Identify:

1. This is a centralized place to view all maintenance and system messages.

2. It is displayed by a flag like icon on the taskbar.

- (A) Action Center (B) Media Center

(C) User Account

(D) Update Center

Ans: (A)

Explanation: Flag like icon notify you that some important message or security feature is running out of update.

46. Identify the reason: Why First generation computers were replaced by second generation computers?

(A) Operating speed of first generation computers was higher than second generation computers.

(B) Power consumption of first generation computers was higher than second generation computers.

(C) ICs were used as the main component in first generation computers.

(D) They were easily portable than second generation computers

Ans: (B)

47. Identify:

1. This is a centralized place to view all maintenance and system messages.

2. It is displayed by a flag like icon on the taskbar.

(A) Action Center

(B) Media Center

(C) User Account

(D) Update Center

Ans: (A)

Explanation: Flag like icon notify you that some important message or security feature is running out of update.

48. _____ is a single computing component with two or more independent actual processing units.

(A) Bimodal processor

(B) Multi-core processor

(C) In-line core processor

(D) Multi-line cores

Ans: (B)

Explanation: In consumer technologies, multi-core is usually the term used to describe two or more CPUs working together on the same chip. Also called multicore technology, it is a type

of architecture where a single physical processor contains the core logic of two or more processors.

49. A memory card _____.

- (A) Is small circular plastic card
- (B) Has a fixed storage capacity
- (C) Is a volatile storage medium
- (D) All of these

Ans: (B)

Explanation: A memory card or memory cartridge is an electronic data storage device used for storing digital information, typically using flash memory. These are commonly used in portable electronic devices, such as digital cameras, mobile phones, laptop, computers, tablets, PDAs, portable media players, video game consoles, synthesizers, electronic keyboards and digital pianos.

50. Converting of a digital signal to an analog signal for transmitting through a telephone line is carried out through?

- (A) modem
- (B) data mode
- (C) remote
- (D) Both B and C

Ans. A)

Explanation: A modem is a network hardware used to connect your computer to the internet with the help of wire or wireless.