

## NCO CLASS 9

**Total Questions: 50**

**Time: 1 hr.**

**Section – 1 :** Verbal and Non-Verbal Reasoning.

**Section – 2 :** Algorithms and Flowcharts in Programming, Number System (Binary to decimal and decimal to binary conversion), Visual Basic, Animations, HTML & CSS (Links, Anchors and Table tags), MS-Word, MS-Excel(Formula Auditing, Data Tools, Protecting and Sharing workbooks/worksheets, Working with cell range), MS-Power Point, Hardware, Software, Input & Output Devices, Memory & Storage Devices, Flash CS6, Communication Technology (Networking, Internet and Multimedia), Operating Systems(Types- Interactive (GUI based), Real Time and Distributed, Commonly used OS), Using Windows 10, Introduction to Scratch, Introduction to Python (2.7.0), Latest Developments in the Field of IT.

**Section – 3 :** Higher Order Thinking Questions - Syllabus as per Section – 2.





### SECTION 01 LOGICAL REASONING

**Directions (1-5):** Study the following arrangement carefully and Ans: the questions given below:

H 9 0 Y F 6 S R @ M 3 0 & \* A L O V 3 6 % # X ! \$ 6 3 J D I \$ X 4 9





1. Which of the following is the seventh to the right of the seventh from the left end of the above arrangement?  
A. O                      B.\*                      C. M                      D. @
2. If all the symbols and the numbers in the above arrangement are dropped then which of the following will be the eighth from the right end?  
A. M                      B. O                      C. A                      D. L
3. How many such symbols are there in the above arrangement each of which is immediately followed by a consonant and immediately preceded by a vowel?  
A. None                      B. One                      C. Two                      D. Three
4. How many such symbols are there in the above arrangement each of which is not immediately preceded by a consonant but immediately followed by a number?  
A. None                      B. One                      C. Two                      D. Three
5. Which of the following is the ninth to the right of the sixth to the left of # in the above arrangement?  
A. 6                      B. \$                      C. V                      D. M
6. 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: All Jee are Tee. Some Jee are Chi. Some Chi are Mee. All Mee are Lee. No Jee is Lee.  
Conclusions: I. Some Tee are Lee.                      II. Some Tee being Lee is a possibility.  
A. If only conclusion I follows.  
B. If only conclusion II follows.  
C. If either conclusion I or II follows.  
D. If neither conclusion I nor II follows.



- A. 
- B. 
- C. 
- D. 

8. In an examination, a student attempted 23 questions and secured 45 marks. If for every correct Ans:, 3 marks were awarded and for every wrong Ans:, 1 mark was deducted, then how many of his Answers were wrong?
- A. 4  
B. 6  
C. 3  
D. 9
9. If the alternate English alphabets starting from 'a' such as a, c, e, g, ..... are written as even numbers 2, 4, 6, ..... while the rest are written in capital letters, then the 6th month from April will be written as
- A. 18 10 PT 10 26 B 10 R  
B. 16 4 T 16 B 6 R  
C. S 10 P 20 M 26 B 10  
D. O 6 T 20 B 10 R
10. In a family of seven members A, B, C, D, E, F and G, there are two married couples [AB, DE] and four males. E is the only daughter of B and sister of C. G is sister of F. A is grandfather of G. How is E related to F?
- A. Sister  
B. Cousin  
C. Mother  
D. Brother

### SECTION 02 COMPUTER AND INFORMATION TECHNOLOGY

11. Flash CS6 is an example of Software.
- A. Utility  
B. Multimedia  
C. Application  
D. Specific Purpose Application.
12. Which of the following Operations are NOT performed by system software
- A. Reading data from Output device.  
B. Creating a logo for the system software that is being used on the PC.  
C. Converting data and instructions in binary from - making it easily understandable by the computer.  
D. Checking the working of all peripheral Device.
13. Your PC is showing incorrect date and time You start it. This happens Even after you have set the computer time many times.What to be done?
- A. The CMOS battery needs to be changed.  
B. The UPS needs to be replaced.  
C. The CPU needs to be replaced.  
D. The operating system must be reloaded.
14. Which of the following memory can be used for computer code in automatic appliances?
- A. PROM  
B. EPROM  
C. ROM  
D. All of these
15. It is a program planning tool allowing programmers to plan program logic. By writing program instruction in a language Like English. Which can be easily converted in to real programming language statements without using symbols. Identify it.
- A. High level program  
B. Low Level language  
C. Pseudocode  
D. Assembly language program
16. Which of the following symbols indicates a Predefined process that is completely described in a separate flowchart segment.
- A.   
B.   
C.   
D. 

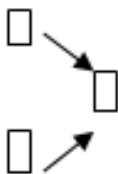
17. For which of the purpose a parallelogram is used in a flowchart□
- A. To show input or output.
  - B. To show the step in which decision has to be made.
  - C. To show a step that cannot be resolved.
  - D. To show the step in which data is stored.
18. The ratio of the \_\_\_\_\_ in an image is known as Aspect ratio.
- A. Horizontal and vertical points
  - B. Horizontal points to product of 'horizontal and vertical' points.
  - C. Vertical to sum of Horizontal and vertical points
  - D. All of these.
19. Stopping an animated character for a specific number of frames is called
- A. Pacing Frame
  - B. Slowing frame
  - C. Freezing Frame
  - D. Panning Frame
20. \_\_\_\_\_ is a graphics and image handling procedure, in which one image is gradually turned into another.
- A. Animation
  - B. Multimedia
  - C. Morphing
  - D. Universal
21. To slow in and slow out about the speed of an object in an animation, use
- A. Easing
  - B. Converting
  - C. Applying
  - D. Flipping
22. The default frame rate in flash is \_\_\_\_\_
- A. 20
  - B. 21
  - C. 24
  - D. 22
23. You can Scale, rotate and change the direction of the gradient fill in an object using the \_\_\_\_\_ tool.
- A. Polystar
  - B. Gradient Fill
  - C. Gradient transform
  - D. Free Transfrom
24. In Visual Basic, the key to display the properties window is
- A. F4
  - B. F2
  - C. F9
  - D. F 3
25. What is the output of the following Visual Basic code Print replace ("hello\_ world" "-"/")
- A. Hello?World
  - B. HelloPWorld
  - C. Hello/World
  - D. helloworld
26. What would be the value of variable res after performance?  $res=9 \bmod 2+1-2$
- A. 1
  - B. 0
  - C. 3
  - D. 2
27. A \_\_\_\_\_ Is the primary work area where a user draws a Screen Layout interface by placing several controls.
- A. Form window
  - B. Toolbox
  - C. No project window
  - D. Properties

28. Which of the following tags can be use inside a <td> tag?
- < s>
  - <ul>
  - <Ol>
  - All of these
29. An HTML table may include \_\_\_\_\_ element/ elements
- <tbody>
  - <thead>
  - < caption
  - All of these
30. What does the following line of an HTML code will do?  
< body vlink = Yellow>
- Sets the active link colour to Yellow
  - Sets are displayed link colour to Yellow
  - sets the the visited link colour to Yelow
  - None of these
31. To add more cell in a row of a table use \_\_\_\_\_ tag.
- <cal>
  - <td>
  - <cell>
  - <val>
32. What would happen when you perform the following steps in documents?  
Go to Review tab → Tracking Group → Show Mark-up → Uncheck “Formatting” option
- It will Show formatting changes which were made to the document when Track Changes option was enabled.
  - It will remove all the formatting applied to the document leaving only the plain text.
  - It will hide formatting changes which were made to the document when Track Changes option was enabled
  - Both (A) and (B)
33. A feature of a software program that automatically saves an open document or file: I like to live dangerously and turn off the auto save feature in my \_\_\_\_\_ An instance of this function: an auto save every three minutes?
- RAM
  - Processor
  - Word Processor.
  - None of these.
34. Which pagination option forces a Paragraph to appear with the paragraph that follows it in MS Word 2010?
- Keep lines together
  - Keep with next
  - Window/ Orphan Control
  - Page break before
35. How to edit text in full screen reading view?
- After deselecting full screen reading view. Click on view option and select
  - After selecting full screen reading to view. Click on view option and select
  - After selecting full screen reading view. Silicon view option and select
  - After selecting full screen reading view, click on view option and select
36. For which of the following purpose the the given icon is used?  
AB<sup>1</sup>
- To assign hyperlinks in a document that are created to perform repetitive talks.
  - Delete numbered node at the end of a page, which gets automatically renumbered as the text move around the document.
  - To add a line of text below of above a graphical object.
  - Add numbered node at the end of a page, which gets automatically renumbered as the text move around the document.
37. Press alt+ ctrl+D key in a document then \_\_\_\_\_
- Redraft view will get enabled.
  - A footnote reference mark will get inserted in the document
  - An end note reference mark will get inserted in the document
  - The document will get merge into parts.

38. Pressing Ctrl+SHIFT +E keys will
- Turn on or off the track changes feature
  - Turn on or off Open the Word count dialog box.
  - Turn on or off the track rechanges feature
  - Turn on or off the the reviewing pane.
39. Payal wants to match the width of the document with the width of the Window. Which of the following option available in new tab will allow her to do so?
- Arrange Width
  - Match Width
  - Zoom Page
  - Page Width
40. System software is the set of programs that enables your computer's hardware devices and software to work together?
- Management
  - Processing
  - Utility
  - Application
41. Which of the following option allows you to debug a formula by executing each part off the rules individually?
- Explore Formula
  - Examine Formula
  - Evaluate Formula
  - Checking Formula
42. In MS Power Point 2010 while typing in a place holder                      option button automatically decreases the size of the font to fit it in the place holder.
- Place holder to auto fit text
  - Auto Adjust
  - Auto Fit Text to Place holder
  - Auto Fill
43. To do what- if- analysis, which of the following data tools can you use?
- Data Table
  - Goal Seek
  - Both A & B
  - None of these
44. To do what- if- analysis, which of the following data tools can you use?
- Data Table
  - Goal Seek
  - None of these
  - Both A & B.
45. What is watch window?
- A window that displays all the method errors.
  - A resizable window that displays all list of all methods used in a sheet.
  - A separate work book that get displayed when condition met.
  - A separate window that remains visible to monitor the values of certain cells.

**SECTION 03 ACHIVER'S SECTION**

46. Identify the given icon



- Show precedents
- Trace precedents
- Trace dependents
- Calculate precedents

47. What is legend in a chart?
- A. If formatting feature for chart title
  - B. A little box next to chart that describe what the different colours or pattern mean.
  - C. Text that define the category of of the the unit of measurement on an axis.
  - D. Text that typically appears above the chart.
48. Which of the following choice available timing group of transitions tab is use to specify length of transitions?
- A. End
  - B. Duration
  - C. Release
  - D. Stop
49. What are the two important categories of resident infector virus?
- A. Primary infectors, secondary infectors
  - B. Micro infectors, macro infectors
  - C. Fast infectors, slow infectors
  - D. File infectors, folder infectors
50. Gazal has inserted an image in a single and she wants to convert the image into a Smart Art graphic. Which of the following options will help her to do so in MS-PowerPoint 2010?
- A. Image correction
  - B. Art Effects
  - C. Picture Layout
  - D. Picture Effects