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INTERACTIVE OLYMPIADS

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ICO INTERNATIONAL CYBER OLYMPIAD	NISO NATIONAL INTERACTIVE SCIENCE OLYMPIAD	NIMO NATIONAL INTERACTIVE MATHS OLYMPIAD	NBTO NATIONAL BIOTECHNOLOGY OLYMPIAD	IEO INTERNATIONAL ENGLISH OLYMPIAD	IGO INTERNATIONAL G.K. OLYMPIAD
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**INTERNATIONAL
CYBER
OLYMPIAD**

ICO

9
Class

A1
Paper
Code

Academic Partner WWW.EDUSYS.IN

EtG
BOOKS

Creating
SUCCESS
Stories






A Unit of EDUSYS LEARNING MEDIA

AIEEE • IIT • PMT • OLYMPIADS

IMPORTANT INFORMATION

- You are allowed additional 10 minutes to fill the required details in the **RESPONSE SHEET**.
- The question paper is made as per syllabus guidelines & pattern given in the information Booklet. The Question Paper for Classes 1 to 6 contains 25 Questions each to be answered in 40 minutes. The Question paper for classes 7 to 12 contains 50 Questions each to be answered in 60 minutes. All questions are compulsory. Further instructions are given in the instruction letter to the coordinator teacher.
- Use the response sheet to mark your responses by darkening the required circle. The response sheet has to be returned to the foundation, duly filled in. The student can retain the Question Paper.

MENTAL ABILITY

- The flowers in a basket became double after every minute. In one hour the basket is full. After how many minutes, the basket will be half filled?
(1) 30 (2) 45
(3) 59 (4) 58
- Choose the correct mirror-image of the figure from amongst the four alternatives given.

(1)  (2) 
(3)  (4) 
- The ratio between the ages of Kamla and Savitri is 6:5 and the sum of their ages is 44 years. The ratio of their ages after 8 years will be :
(1) 5 : 6 (2) 7 : 8
(3) 8 : 7 (4) 14 : 13

- Which number is missing?

9	3	3
6	2	3
8	4	○

(1) 3 (2) 2
(3) 4 (4) None of these

- Which number goes in the empty segment?

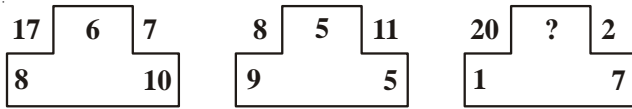
(1) 10 (2) 20
(3) 25 (4) None of these

- Which of the bottom boxes completes this sequence.

		
↓		↓
		
		

- (1)  (2) 
 (3)  (4) 

7. Which number goes at the top of the third figure?

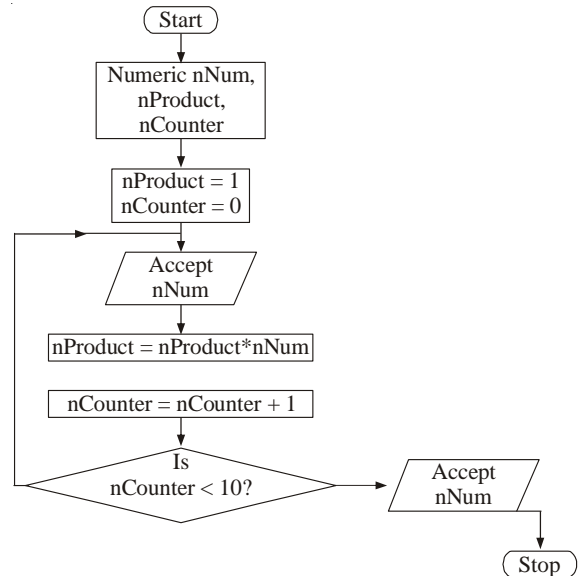


- (1) 14 (2) 12
 (3) 11 (4) None of these
8. Which pair of numbers has least and maximum frequency in the given sequence?
8 7 5 6 4 5 8 3 8 6 7 2 3 5 8 3 5 7 6 4 7 6 5
 (1) 4 and 5 (2) 2 and 6
 (3) 3 and 8 (4) 2 and 5
9. Six roads lead to a country. They may be indicated by letters X, Y, Z and digits 1, 2, 3. When there is a storm, Y is blocked. When there are floods X, 1 and 2 will be affected. When road 1 is blocked, Z also is blocked. At a time when there are floods and a storm also blows, which road(s) can be used?
 (1) Z and 2 (2) Only Z
 (3) Only 3 (4) Only Y
10. If 'PINK' is written as 'NGLI'. how will 'IRON' be written?
 (1) G P M L (2) K M P L
 (3) G M P L (4) K P M L

COMPUTER

11. The process that happens, when we switch on the computer is known as:
 (1) loading (2) Booting
 (3) Saving (4) Compiling
12. Which one of the following is NOT an executable file?
 (1) .COM (2) .TXT
 (3) .EXE (4) .BAT
13. _____ is considered as a File Manager in MS-Windows.
 (1) Window explorer (2) Control Panel
 (3) My computer (4) none of these
14. Which one of the following is NOT a Correct Definition?
 (1) SRAM → Static Random Access Memory
 (2) PROM → Programmable Read Only Memory
 (3) DRAM → Dynamic Random Access Memory
 (4) SAM → Static Access Memory
15. Which menu provides a command to change the layout of your slide?
 (1) View menu (2) Format menu
 (3) Slide menu (4) Edit menu
16. Which of the following is a declaration statement?
 (1) LET FOR ... NEXT GOTO GOSUB IF ... THEN
 (2) END RETURN STOP INPUT
 (3) PRINT PRINT USING READ ... DATA ... RESTORE
 (4) DIM DEF FN MAT

17. The desktop is found in which drive of computer
 (1) A:\ (2) C:\
 (3) D:\ (4) None of these
18. Following flowchart displays



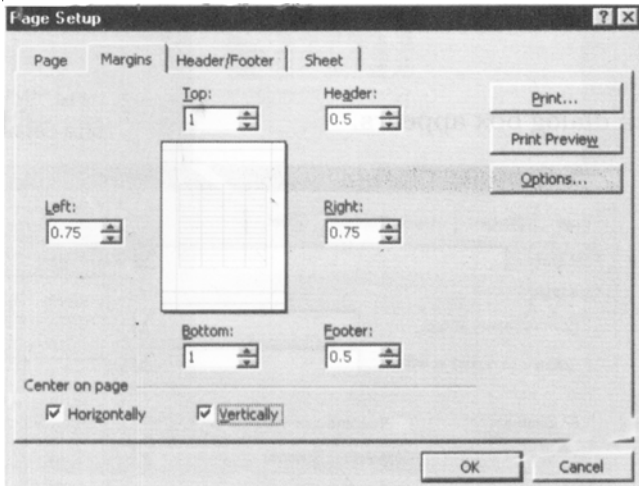
- (1) multiplication of ten Numbers
 (2) multiplication of two numbers
 (3) addition of ten numbers
 (4) addition of two numbers
19. Where can you find out what page you are on, or the number of pages in a document?
 (1) the toolbar (2) the scroll bar
 (3) the status bar (4) the dialogue box
20. A file deleted from a floppy disk in windows goes to:
 (1) Recycle Bin (2) Window explorer
 (3) My documents (4) Permanent deleted
21. In which type of memory, contents of memory are adjustable?
 (1) SAM (2) ROM
 (3) PROM (4) DRAM
22. In the CD-R type of CD, data can be
 (1) Only Read
 (2) Written once, Read many times
 (3) Written many times, Read only once
 (4) Only Written
23. Which of the following represents string in Q Basic?
 (1) # Double (2) & Long
 (3) \$ String (4) % Integer
24. Almost all computer use _____ number system for internal computation.
 (1) Hexadecimal (2) Binary
 (3) Octal (4) None of these
25. Which of the following is an example of LONG type Q Basic?

- (1) 92883
- (2) 39.2932
- (3) 983288.18
- (4) STRING "hello, this is a string"

26. Neha is making her birthday card in MS-Word. She typed the first line as "invitation for party", but she wants it as "INVITATION FOR PARTY". Which option should she go for?

- (1) Font style option (2) Word art option
- (3) Change case option (4) Font size option

27.



We have the following window box. The page printed from this Page Set up will be

- (1) equidistant from the top and bottom edges.
- (2) equidistant from the left and right edges.
- (3) both 1 & 2
- (4) none of these

28. To check the examination papers with the help of a computer we use _____.

- (1) Magnetic Ink Character Reader (MICR)
- (2) Bar Code Reader (BCR)
- (3) Optical Mark Reader (OMR)
- (4) None of these

29. The students of bluebirds School have collected money for charity. Using the 'Filter' option in the Excel Spreadsheet, they can

	A	B	C	D
1	Names	Money collected	Class	Section
2	Aditya	10000	XII	Science
3	Anubha	5000	XII	Science
4	Asim	15000	XI	Commerce
5	Bindiya	1800	X	Arts
6	Hema	2500	XII	Commerce
7	Priya	15000	XII	Science
8	Sarit	2700	IX	Arts
9	Tushar	5000	XI	Arts
10	Zanaida	10000	IX	Commerce

- (1) Display the names of only those students who have collected Rs. 15,000 for charity.
- (2) Display the names of students from class XII.
- (3) Display the names of the students from the Arts section.
- (4) All of these

30. Which of the following special characters can be used in a file name?

- (1) The semicolon(;) (2) The hyphen (-)
- (3) The period (.) (4) The asterisk (*)

31. Kareena had performed following actions:

Step 1. Start > Program > Accessories > Notepad

Step 2. Typed the following HTML code in the Notepad
<HTML>

```
<HEAD>
  <title> My Site </TITLE>
</HEAD>
<BODY>
  This is my First Page
</BODY>
</HTML>
```

Step 3. Saved the file as Kareena 19

- (1) Kareena 19 is saved as an ordinary text file
- (2) Kareena 19 is saved as an HTML file
- (3) both 1 & 2
- (4) None of these

32. If someone has sent you *spam*, they

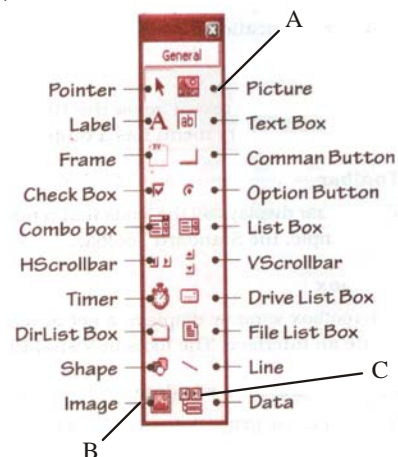
- (1) Signed you up for the Meat of the Month Club
- (2) Infected your computer with a virus
- (3) Sent you unsolicited e-mail
- (4) None of these

33. Key board shortcut for pasting is

- (1) Ctrl + C (2) Ctrl + P
- (3) Ctrl + D (4) Ctrl + V




34. The Visual Basic Toolbox A, B and C in the figure represents:

- (1) A - Picture, B - Data, C-Image
- (2) A - Picture, B - Image, C- data
- (3) A - image, B - Picture, C- data
- (4) None of these



35. In notepad, typing of one line over the cursor automatically comes to the next line, this is called as:
 (1) Word pad (2) Notepad
 (3) Enter factions (4) Word wrap
36. The Thesaurus tool :
 (1) Finds repeated words in the document
 (2) Used to find similar meaning words of a given word
 (3) Corrects two initial capitalized letters in a word
 (4) None of these
37. All macro keyboard shortcuts include the key
 (1) Alt (2) Ctrl
 (3) F11 (4) Shift
38. Two common wildcard characters that Excel recognizes are
 (1) + and - (2) ^ and /
 (3) < and > (4) * and ?
39. Which of the following is not true about computer viruses?
 (1) A virus is a program that infects another program. To infect the host program, the virus makes copies of itself. Virus may harm the host program
 (2) Virus may prevent computer from carrying out its tasks
 (3) Some types of viruses are harmless. Other viruses can do great damage to a computer system if allowed to run
 (4) None of these
40. Ctrl + D is used for
 (1) Underlining in text (2) Double underlining in text
 (3) Deleting the text (4) None of these

EtG INTERACTIVE SECTION

41. Which of the following product gives the best quality graphics reproduction?
 (1) Laser printer (2) Plotter
 (3) Ink jet printer (4) None of these
42. One megabyte is:
 (1) 1048576 bytes (2) 211000 bytes
 (3) 102756 bytes (4) None of these
43. What layer of OSI does the encryption/decryption?
 (1) Network layer (2) Application layer
 (3) Presentation layer (4) None of these
44. What does the acronym ISDN stand for?
 (1) Indian Standard Digital Network
 (2) Intelligent Service Digital Network
 (3) Integrated Services Digital Network
 (4) None of these
45. Which of the following icon is used to create a new blank document based on the default template?
 (1)  (2) 
 (3)  (4) None of these
46. What is the function of this icon?
 (1) Organize a macro
 (2) Assign a macro to a tool bar
 (3) Assign a macro to keyboard
 (4) None of these
47. The Keyboard Shortcut to display the Book mark dialog box is:
 (1) Ctrl + Shift + F2
 (2) Ctrl + Shift + F5
 (3) Ctrl + Shift
 (4) None of these
48. What is the name of the new toolbar in Excel 2003?
 (1) Chart (2) Drawing
 (3) List and XML (4) None of these
49. In MS-Excel which dialog box allows you to create a custom list series?
 (1) Option (2) Auto Format
 (3) Custom list series (4) None of these
50. In MS-Word, To insert the time using a keyboard shortcut, you would use:-
 (1) Ctrl+T (2) Alt+Shift+T
 (3) Shift+T (4) None of these



END OF THE EXAM