

National Cyber Olympiad

Practice Test Paper

Choose the correct answer out of the four options given below each question. Mark your choice in the answer sheet given at the end of this test paper.

Mental Ability

1. What is the place value of 9 in the number 3967?

- a. 9000 b. 900
c. 90 d. 9

2. Which of these has the same value as the number 384?

- a. $300+80+40$ b. $30+400+80$
c. $30+80+40$ d. $300+80+4$

3. Which of these is same as 9×6 ?

- a. $3 \times 3 \times 3 \times 4$ b. $3 \times 2 \times 3 \times 2$
c. $3 \times 9 \times 3$ d. $6 \times 3 \times 3$

4. Rani has 80 apples in her basket. She distributes 30 apples among her friends. Which expression shows the number of apples she now has in her basket?

- a. $80 - 30$ b. $80 + 30$
c. 80×30 d. $80 \div 30$

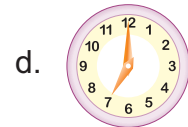
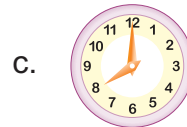
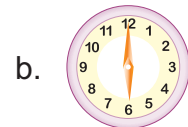
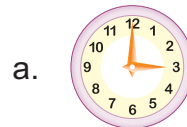
5. Raman has 12 rupees 60 paise in his pocket. His father gives him 14 rupees 75 paise more. How much money does Raman now have?

- a. 21 rupees 35 paise
b. 23 rupees 85 paise
c. 27 rupees 35 paise
d. 30 rupees 35 paise

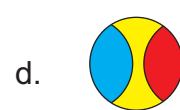
6. 10 rupees are equal to

- a. 100 paise b. 1000 paise
c. 10,000 paise d. 10 paise

7. Seema started to play at 5:00 pm. She played for two hours. Which clock shows the time when she stopped playing?



8. Which of the following is a cuboid?



9. A car can carry 5 people in a trip. How many people will it carry in 8 trips?

- a. 30 b. 40
c. 50 d. 60

10. Evaluate the following expression:

$$13 \times 15 - 3 + 18 \div 6 = ?$$

- a. 210 b. 195
c. 315 d. 150

Logical and Analytical Reasoning

11. Which number will come next in the series: 3, 6, 9, 12, 15, 18, —

- a. 30
- b. 27
- c. 24
- d. 21

12. Which of these is an even number?

- a. 9
- b. 4
- c. 7
- d. 3

Direction (Q13-14) : Find the odd figure out.

13.

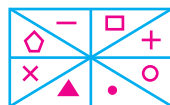
- a.
- b.
- c.
- d.

14.

- a.
- b.
- c.
- d.

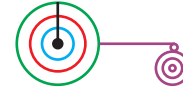
Direction (Q15-16): Find the figures that are similar to the problem figure in each question given below.

15. Problem figure:



- a.
- b.
- c.
- d.

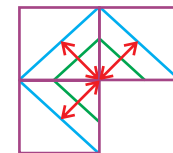
16. Problem figure:



- a.
- b.
- c.
- d.

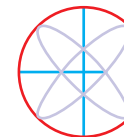
Direction (Q17-18): Find out the figure that completes the problem figure in each of the following questions.

17. Problem figure:



- a.
- b.
- c.
- d.

18. Problem figure:



- a.
- b.
- c.
- d.

19. If \triangle means +, ∇ means – and \triangleright means \times , the value of $15 \triangleright 5 \triangle 3 \nabla 33$ is





- a. 20
- b. 45
- c. 30
- d. 48

20. A is the son of B, but B is not the father of A. How is B related to A?

- a. Daughter
- b. Brother
- c. Uncle
- d. Mother

Computers and Information Technology



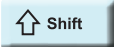

21. Which of these devices is used for storing information?

- a.  b. 
- c.  d. 

22. Which part of the computer controls the working of all other parts?

- a. CPU b. UPS
c. RAM d. ROM

23. Which key of the keyboard is used for inserting spaces in between the characters?

- a.  b. 
- c.  d. 

24. A blinking vertical line, where characters typed from the keyboard appear in a word processor program is called a

- a. Arrow b. Cursor
c. Marker d. Pointer

25. Which is the odd one out?

- a. MS Word b. Excel
c. Paint d. PowerPoint

26. What is Internet Explorer?

- a. An E-mail software
b. A Word processor
c. A Web browser
d. A Presentation Software

27. A scanner is a device which

- a. Saves programs to the hard disk
b. reproduces images made on computer onto the paper.
c. Scans images from paper to convert them into electronic form.
d. Helps us to draw pictures easily.

28. Which is the odd term out?

- a. DVD b. CD
c. Pen Drive d. Web camera

29. www.google.co.in is the address of a popular

- a. E-commerce web site
b. e-mail
c. Search Engine
d. Educational web site

30. Which of the following is a part of the CPU?

- a. RAM b. ROM
c. CU d. Hard Disk

31. Which of the following key would you use to delete a character?

- a. Enter key b. Backspace key
c. Shift key d. Control key

32. The Paint program lets you

- a. type letters b. do calculations
c. listen to music d. draw pictures

33. The CPU is also known as the

- a. Brain of the computer
b. Soul of the computer
c. Heart of the computer
d. Head of the computer

34. The longest key on the keyboard is

- a. Function keys b. Enter key
- c. Space bar key d. Delete key

35. Which key when pressed erases a character lying to the right of the cursor?

- a. Delete key b. Backspace key
- c. Shift key d. Caps lock key

36. The calculator program lies in the _____ menu of MS Windows.

- a. Games b. All Programs
- c. System Tools d. Accessories

37. Which of these is odd one out?

- a. Printer b. Speakers
- c. Microphone d. Monitor

38. The Numeric keypad can only be used after pressing the _____ ON.

- a. Caps lock b. Num lock
- c. Numeric keypad d. Enter key

39. Which of these is not an operating system software?

- a. Windows xp b. Google Chrome
- c. Unix d. Linux

40. You should clean a computer using the

- a. dry cloth
- b. wet cloth
- c. detergent powder
- d. washing soap

ANSWER SHEET

Darken your choice with HB pencil

1.	(A) (B) (C) (D)	15.	(A) (B) (C) (D)	29.	(A) (B) (C) (D)
2.	(A) (B) (C) (D)	16.	(A) (B) (C) (D)	30.	(A) (B) (C) (D)
3.	(A) (B) (C) (D)	17.	(A) (B) (C) (D)	31.	(A) (B) (C) (D)
4.	(A) (B) (C) (D)	18.	(A) (B) (C) (D)	32.	(A) (B) (C) (D)
5.	(A) (B) (C) (D)	19.	(A) (B) (C) (D)	33.	(A) (B) (C) (D)
6.	(A) (B) (C) (D)	20.	(A) (B) (C) (D)	34.	(A) (B) (C) (D)
7.	(A) (B) (C) (D)	21.	(A) (B) (C) (D)	35.	(A) (B) (C) (D)
8.	(A) (B) (C) (D)	22.	(A) (B) (C) (D)	36.	(A) (B) (C) (D)
9.	(A) (B) (C) (D)	23.	(A) (B) (C) (D)	37.	(A) (B) (C) (D)
10.	(A) (B) (C) (D)	24.	(A) (B) (C) (D)	38.	(A) (B) (C) (D)
11.	(A) (B) (C) (D)	25.	(A) (B) (C) (D)	39.	(A) (B) (C) (D)
12.	(A) (B) (C) (D)	26.	(A) (B) (C) (D)	40.	(A) (B) (C) (D)
13.	(A) (B) (C) (D)	27.	(A) (B) (C) (D)		
14.	(A) (B) (C) (D)	28.	(A) (B) (C) (D)		