



UNIFIED CYBER OLYMPIAD (UPDATED)

CLASS - 2
Question Paper Code : 3P104

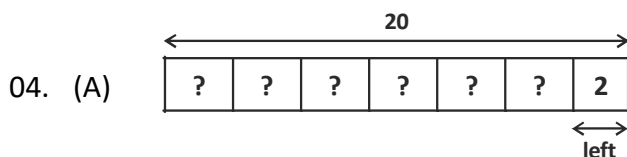
KEY

1. C	2. D	3. C	4. A	5. C	6. B	7. B	8. B	9. D	10. C
11. A	12. A	13. B	14. B	15. D	16. C	17. C	18. B	19. D	20. A
21. C	22. D	23. C	24. B	25. D	26. B	27. A	28. A	29. D	30. B
31. C	32. C	33. B	34. D	35. C	36. C	37. C	38. D	39. D	40. B
41. B	42. B	43. B	44. D	45. C	46. C	47. C	48. B	49. D	50. B

SOLUTIONS

MENTAL ABILITY

01. (C) Number of tickets needed = $360 \div 4 = 90$
 02. (D) From the figure, R and S have the same length = 3 units.
 03. (C) Greater the width lesser the turns.

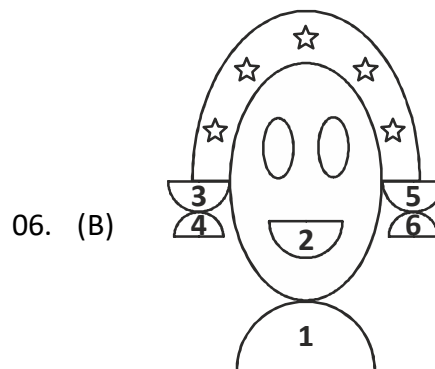


Number of cups of jelly shared among 6 children = $20 - 2 = 18$

$$18 \div 6 = 3$$

Each child got 3 cups of jelly

05. (C) $9 + 8 + 12 = 29$ cm



07. (B) Cylinder is 500 g less than cube.

$$\begin{array}{r}
 7 \ 11 \\
 \cancel{8} \ \cancel{1} \\
 - \ 4 \ 4 \\
 \hline
 3 \ 7
 \end{array}$$

08. (B)

\therefore The missing number is 1

09. (D) $40 - \underline{5} = 35$

$30 + \underline{5} = 35$

∴ The required number is 5.

10. (C) Tarun > Leena and Juhi > Tarun

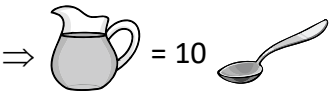
Given that Tarun is not the tallest

⇒ Juhi > Tarun > Leena

∴ It is clear that Leena is shorter than Juhi

11. (A)  =

 = 5×2

⇒  = 10

∴ One  is equal to 10 spoons

12. (A) Given, bank opens at 7 : 30 am.

Time at which Elia arrived at the bank

= 7 : 10 am

∴ Waiting time of Elia = 7 : 30 am - 7 : 10 am

= 20 minutes

13. (B) We know that the measurements on scale starts from 0.

So, the length of the scale is 7 centimetres as shown below



14. (B) $40 - 20 = 28$

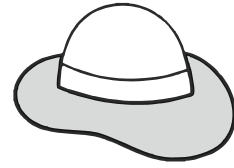
Bag = $3 \times 7 = 21$

Shirt = 7

15. (D) Seven is odd not even.

REASONING

16. (C) Except April remaining all months have 31 days.



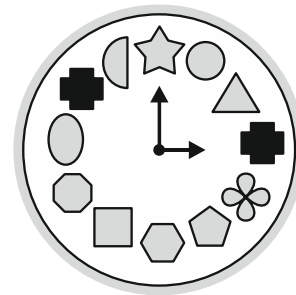
17. (C)

18. (B) ANT → BALL → CHAIR → DONKEY → EVENING

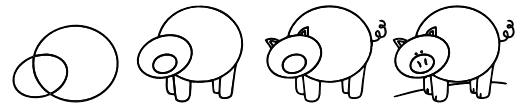
19. (D) Option (D) is similar to the given figure.



21. (C)



22. (D)



23. (C) Option (A) : $26 + 4 = 31$ (X)

Option (B) : $12 + 26 = 40$ (X)

Option (C) : $26 + 6 = 32$ (✓)

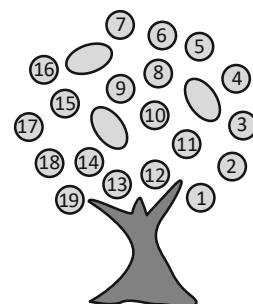
Option (D) : $26 + 26 = 50$ (X)

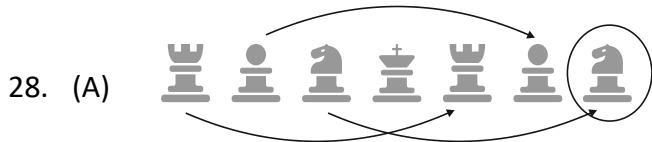
24. (B) Cylinder can roll and slide and it is on the table.



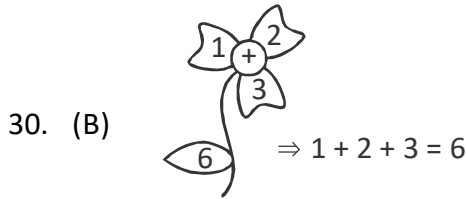
26. (B) Gift :: Time

27. (A) There are 19 circles in the given image





29. (D) Option (D) cannot be a part of the given figure.



Similarly, $2 + 4 + 1 = 7$

The number that replaces the question mark is 7.

COMPUTERS

31. (C) In the given image The computer helps architects in designing buildings, houses and flyovers.

32. (C)

(A) Output, process, and input - Incorrect. This order is not correct. The correct sequence starts with input, followed by processing, and then output.

(B) Process, output, and input - Incorrect. While processing is an essential function of a computer, it occurs after input and before output. Therefore, this order is incorrect.

(C) Input, process, and output - Correct. The correct order of the three basic functions of a computer is input, process, and output.

Input refers to the data or information that is entered into the computer.

Process involves the manipulation and processing of the input data by the computer's central processing unit (CPU) according to programmed instructions.

Output refers to the results or processed information that is produced by the computer and presented to the user, such as displayed on a screen, printed on paper, or transmitted to another device.

(D) Input, output, and process - Incorrect. The correct sequence is input, process, and output, not input, output, and process.

33. (B)



34. (D) P = Left button ; Q = Wire

R = Right button ; S = Scroll wheel

35. (C) A function key is a special key found on most computer keyboards that provides you quick access to commonly used commands. The function keys are usually labeled F1 through F12 and are at the top of the keyboard.

36. (C) Doctors The correct answer is B. Doctors use computers to prepare X-ray reports. After capturing X-ray images, doctors analyze and interpret them using specialized software on computers to diagnose medical conditions or injuries.

37. (C) Pac-Man The correct answer is C. Pac-Man is a classic arcade game that can be played on a computer. There are many online versions of Pac-Man available to play for free. Options A, B, and D are physical games that are typically played outdoors or in a large indoor space.

38. (D) Both laptops and tablets run on batteries, allowing them to be used without being connected to a power source.

39. (D) Tablet is smaller than laptop and bigger than mobile phones.

40. (B) A tablet is a type of notebook computer that has an LCD screen on which the user can write using finger and swipe actions or by using a special-purpose pen, or stylus. All user input is directly via the LCD screen and not a keyboard or mouse.

41. (B) Eraser, colour bucket, rectangle tool and curve tool are used.

42. (B) The correct answer is (B) Enter key. In the given sentence, there is no need to press the Enter key because the sentence does not extend beyond a single line. The Enter key is typically used to create line breaks or to confirm input in various applications.

43. (B)



44. (D) The correct answer is (D) CPU (Central Processing Unit). The keyboard is connected to the CPU of a computer by a wire. The CPU is the main component of a computer system responsible for processing data and executing instructions. The keyboard sends input data (such as keystrokes) to the CPU through the wire connection. Options (A) Speakers, (B) Mouse and (C) Monitor are peripheral devices that are typically connected to the computer separately and do not directly receive input from the keyboard.

45. (C) In the image we use free form selection it is used to select any irregular shaped part of the picture.

ENGLISH

46. (C)

47. (C)

48. (B)

49. (D)

50. (B)

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The End
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