

NATIONAL CYBER OLYMPIAD

The actual test paper has 50 questions. Time allowed : 60 minutes. There are 3 sections, 15 questions in section I, 15 in section II and 20 in section III.

SYLLABUS

Section – I (Mental ability) : Roman numerals, Numbers and numeration, Prime and composite numbers. HCF and LCM, Addition and subtraction, Multiplication and division, Fractional numbers, Decimal fractions, Basic geometrical concepts, Angles, Triangles, Circles, Measurement of length, Mass and capacity time, Money, Profit and loss, Temperature, Area and perimeter, Volume, Pictorial representation of data, Integers, Factors and multiples, Ratio and proportion, Percentage.

Section – II (Logical and analytical reasoning) : Problems based on figures, Find odd numeral out, Series completion, Coding decoding, Mathematical reasoning, Analytical reasoning, Mirror images, Embedded figures.

Section – III (Computer and IT) : General information about computer, Parts of computer, Input/ Output/ Processing units, Hardware/ Software, History and generation of computers, LOGO, MS DOS, Paint, Notepad, Introduction to basic, Flow charts, Multimedia, Internet and Introduction to networking.

12. Tina is building an open-ended (straight) fence by stringing wire between posts 25 metres apart. If the fence is 100 metres long, how many posts should she use?
 (A) 2 (B) 3 (C) 4 (D) 5 (E) I don't know
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13. I think of a number, add 10 to it and divide the answer by 2. Let the resulting number be x . Starting with x , how can I get my original number back ?
 (A) Multiply x by 2 and then subtract 10 from the result
 (B) Divide x by 2 and then add 10 to the result
 (C) Multiply x by 2 and then add 10 to the result
 (D) Add 2 to x and then divide the resulting number by 10
 (E) None of these.

COMPUTERS & INFORMATION TECHNOLOGY

14. The following steps results in
 (1) Choose the insert ► picture ► clipart
 (2) Select the picture
 (3) Click insert clip
 (A) Insertion of a picture to the file from clipart
 (B) Insertion of the clipart from a file to another similar file
 (C) Insertion of the picture from file to clipart file
 (D) All of the above
 (E) None of these.
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15. The software program that acts as an interface between the user and the www is
 (A) E-mail (B) Internet (C) Protocol
 (D) Web browser (E) None of these.
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16. PARAM is a
 (A) Super computer (B) Mini computer (C) Main computer
 (D) Micro computer (E) None of these.
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17. Which of the following is a volatile memory ?
 (A) ROM (B) RAM (C) EPROM
 (D) PROM (E) None of the above.
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18. By clicking which button one can return the window to its previous size ?
 (A) Maximize button (B) Minimize button (C) Restore button
 (D) Close button (E) None of these.
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19. To switch between the running applications
 (A) Press F1 (B) Press ALT + F4 (C) Press TAB
 (D) Press and hold down ALT and press TAB (E) None of these.
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20. Cut, copy and paste are the part of which of the menu ?
 (A) VIEW (B) FAVORITES (C) FORMAT
 (D) EDIT (E) None of these.

ANSWERS KEY

1. (D) 2. (A) 3. (A) 4. (B) 5. (A) 6. (D) 7. (A) 8. (D) 9. (B) 10. (B)
 11. (C) 12. (D) 13. (A) 14. (A) 15. (D) 16. (A) 17. (B) 18. (C) 19. (D) 20. (D)

