

THE NEW INDIAN SCHOOL

UMM AL QUWAIN

NIS CYBER OLYMPIAD QUESTION BANK

Organized by: I.T. Department

For GRADE:7



National Cyber Olympiad

Note: The syllabus of NCO is based on Windows 7 and MS Office 2010. The test paper is divided into three sections.

Sample Questions

| TO | OTO | ATT | DIC | C | ON | 4 2 3 7 | |
|----|------|-----|-----|---|----|---------|---|
| | GIC. | AL | NEF | O | | THE P | 4 |

| 1. | If TOGETHER is written as RQEGRJCT, how will PAROL | LE |
|----|--|----|
| | be written? | - |

- (a) NCPQJG
- (b) NCQPJG
- (c) RCPQJK
- (d) RCTQNG
- 2. If the code of 'NUMBER' is 'MVLCDS', then what is the code of 'SECOND'?
 - (a) CTQDRB
- (b) GRQDRB
- (c) RFBPME
- (d) RFANMD
- 3. In the given number series, how many 5's are there which are preceded by a prime number but not followed by a prime number?

35942638543253648 345392375347564653587

- (a) 1
- (b) 3
- (c) 2
- (d) 4

COMPUTERS AND INFORMATION TECHNOLOGY

- 4. A browser is an interactive program that per mits a user to view web pages on the computer. The browser performs which of the following services?
 - (a) Connecting to the source computer whose address is specified
 - (b) Requesting new page from the server
 - (c) Receiving new page
 - (d) All of these
- 5. Which of the following is the correct code for creating a box in QBasic?
 - (a) LINE (40, 40) (60, 80), 2, BF
 - (b) LINE (40, 40) LINE (60, 80), 2, BF
 - (c) LINE (40, 40) LINE (60, 80), 1
 - (d) LINE (40, 40) (60, 80), 2, F
- 6. How many times does the program print HELLO STUDENTS when the following QBasic code is executed?

CLS

C = 4

C = C - 1

WHILE C < 5

PRINT "HELLO STUDENTS"

C = C + 1

WEND

END

(b) 2 (a) 1

- (c) 4
- (d) 5

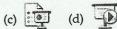
- 7. It is a software that projects a 3D virtual globe of the earth that displays map details and geographical information to users. It was originally created by KeyHole, Inc.
 - (a) Google+
- (b) Google Maps
- (c) Google Earth
- (d) Google Chrome
- is a program that catalogues websites. Unsolicited _ is not always required to e-mail is called connect to the internet.
 - (a) Web spider, Spam, Modem
 - (b) WebBot, Junk, ISP
 - (c) Web browser, Trash, Computer
 - (d) Web crawler, InMail, Web Browser
- 9. Ankur wants to show his slides from the first slide in the presentation in MS-PowerPoint 2010. Which of the following options will he use?











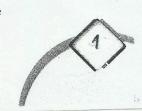
10. Pick the odd one out.



(c) Pinterest (d)



- 11. A Wi-Fi ad-hoc service in Apple's OS X and iOS, with the help of which users can share files with other Mac computers, is
 - (a) AirDrop
- (b) DropBox
- (c) Google Docs
- (d) SkyDrive
- 12. Which of the following processors is present in iPhone 5?
 - (a) AMD (b) i5
- (c) A6
- 13. Which of the following functions in MS-Excel 2010 is used to display the current system date?
 - (a) DATE()
- (b) NOW()
- (c) TODAY()
- (d) DATETIME()
- 14. Which of the following is NOT an antivirus program?
 - (a) Kaspersky
- (b) AVG
- (c) Avira
- (d) Doomsday
- is a group of software files that enables 15. A the hardware device to communicate with computer's operating system.
 - (a) Internal Modem
- (b) Device Allocator
- (c) Device Driver
- (d) Register
- 16. Which of the following screen modes can be used for text in QBASIC?
 - (a) SCREEN 0
- (b) SCREEN 1
- (c) SCREEN 2
- (d) All of these



| 17. | How many QBASIC? | times | will | the | given | code | be | executed | in |
|-----|------------------|-------|------|-----|-------|------|----|----------|----|
| | LET i = 1 | | | | | | | | |

FOR J = i TO 1 PRINT "TEST"

NEXT J

(a) Infinite times

(b) 0

(c) 1

(d) 2

- 18. VoIP is a term used for
 - (a) A software for accessing internet for free
 - (b) A wireless device used to connect to internet
 - (c) A hardware device for connecting to internet
 - (d) Technology that lets people use internet as transmission medium for making telephone calls
- 19. Favicon stands for favorite icon that represents a tiny version of a company or website's logo and are most often found in address bar or in list of bookmarks in a web browser. Which of the following is the favicon used for Google search engine released on 1st September, 2015?

(a)

(c) 3+



20. Consider the cell A1 has a value 400.45. What would be displayed in the cell when you click on button in MS-Excel 2010?

(a) 400.5

(b) 400.4 (c) 4004.5 (d) 4004.50

21. Given image shows two wireless devices with a wall between them. Which of the following technologies will be used by these devices for communication or exchanging data?



(a) Bluetooth

(b) Wi-fi

(c) Infrared

(d) Both A and B

22. In the given image, data is transmitting from single location to multiple locations.

It is a type of _ (a) Point-to-Multipoint communication



- (b) Telephony-to-Point communication
- (c) Antenna Array communication
- (d) Multipoint-to-Multipoint communication
- 23. Which of the following communication protocols adds the security capabilities to standard HTTP protocol for secure communication over a computer network by providing authentication of the visited website?
 - (a) HTTPS

(b) HTTPT

(c) HTTPST

(d) HTTPSS

24. Match the virus types given in Column-I with their corresponding examples given in Column-II.

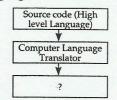
C olumn-I

Column-II

- (a) Macro Virus
- (i) Lamer Exterminator
- (b) Boot Sector Virus
- (ii) Natas
- (c) Polymorphic Virus
- (iii) Melissa
- (a) (a)-(iii), (b)-(i), (c)-(ii)
- (b) (a)-(i), (b)-(ii), (c)-(iii)
- (c) (a)-(ii), (b)-(i), (c)-(iii)
- (d) (a)-(iii), (b)-(ii), (c)-(i)

ACHIEVERS SECTION

25. Computer Language Translators is a computer program that converts instructions written in a given computer language to another. Which of the following options would replace the '?' in the given diagram that represents the working of Computer Language Translator?



- (a) Machine code
- (b) Alphabet code
- (c) Text code
- (d) Linker code
- 26. Which of the following QBASIC codes will produce the given output?

Output:

11

12

13

(a) FOR x = 11 TO 15

(b) FOR x = 11 TO 15

PRINT x IF (x = 13) THEN

IF (x == 13) THEN

EXIT FOR

EXIT FOR

PRINT x

NEXT x

NEXT x

(c) FOR x = 11 TO 15

(d) FOR x = 11 TO 15

PRINT x

PRINT x

IF (x <> 13) THEN

IF (x = 13) THEN

EXIT FOR

EXIT FOR

NEXT x

MORE x

| | | | | Ansı | vers | | | |
|------|------|------|-------|-------|-------|-------|-------|-------|
| 1. a | 4. d | 7. c | 10. d | 13. c | 16. d | 19. b | 22. a | 25, c |
| 2. c | 5. a | 8. a | 11. a | 14. d | 17. b | 20. c | 23. a | 26. a |
| 3. b | 6. b | 9. d | 12. c | 15. c | 18. d | 21. d | 24. a | |



National Cyber Olympiad Sample Questions

| | | [하는 이번 경험하다 모습니다 하는 사이를 모르는 것이 되었다. 이 경험하다 | | | | | | |
|----|--|---|---------|---------------------------------------|--|--|--|--|
| 1. | Whi | ch of these is a type of boot sector v | irus? | | | | | |
| | (a) | Devil.941 | (b) | Umbrella.3173 | | | | |
| | (c) | Sunday | (d) | WM_Concept.A | | | | |
| 2. | Which of the following is not a loop statement in QBASIC? | | | | | | | |
| | (a) | DOLOOP | (b) | FORNEXT | | | | |
| | (c) | WHILEWEND | (d) | LOOPIF | | | | |
| 3. | Whi | Which of these is not a communication service provided by the Internet? | | | | | | |
| | (a) | E-mail | (b) | Chatting | | | | |
| | (c) | Newsgroup | (d) | E-commerce | | | | |
| 4. | Whi | ch of these symbols separates the tv | vo part | ts of an e-mail address? | | | | |
| | (a) | \$ | (b) | * | | | | |
| | (c) | @ | (d) | & | | | | |
| 5. | Which of these folders contain all the e-mails that have been composed but not sent? | | | | | | | |
| | (a) | Inbox | (b) | Draft | | | | |
| | (c) | Trash | (d) | Sent | | | | |
| 6. | Which of these functions is used to determine the lowest number within a range? | | | | | | | |
| | (a) | SUM | (b) | AVERAGE | | | | |
| | (c) | MAX | (d) | MIN | | | | |
| 7. | Which of the following is anti-virus software? | | | | | | | |
| | (a) | Norton Antivirus | (b) | Quick Heal Total Security | | | | |
| | (c) | Avast | (d) | All of these | | | | |
| 8. | | ich tool is used to draw precise pa ves in Flash? | aths w | ith straight lines and smooth flowing | | | | |
| | (a) | Pencil Tool | (b) | Pen Tool | | | | |
| | (c) | Curve Tool | (d) | None of these | | | | |
| 9. | Wh | ich of these symbols precedes a forr | nula ir | Excel? | | | | |
| | (a) | Ampersand (&) | (b) | Equal to sign '=' | | | | |
| | (c) | Number sign (#) | (d) | Asterisk (*) | | | | |

| 10. | Find | the odd one out. | | |
|-----|------|---|--------|--|
| | (a) | Plotter | (b) | Barcode reader |
| | (c) | OCR | (d) | OMR |
| 11. | Whi | ch QBASIC statement draws a squa | re? | |
| | (a) | LINE | (b) | RECTANGLE |
| | (c) | SQUARE | (d) | None of these |
| 12. | Whi | ch of these emoticons expresses a h | арру е | xpression? |
| | (a) | :-(| (b) | :-? |
| | (c) | :-0 | (d) | :-) |
| 13. | Whi | ch of these is an attribute of the BO | DY ele | ment? |
| | (a) | Color | (b) | Background |
| | (c) | Font face | (d) | Bottom margin |
| 14. | Whi | ch of these attributes of the FONT e | elemen | t is used to set the type of the font? |
| | (a) | Size | (b) | Shape |
| • | (c) | Face | (d) | Face color |
| 15. | Whi | ch of these is the jump statement in | QBAS | SIC? |
| | (a) | GOTO | (b) | JUMPTO . |
| | (c) | JUMP | (d) | None of these |
| 16. | | horizontal or vertical lines us nt within the chart are known as | ed to | identify the value of each data |
| | (a) | Gridlines | (b) | x-axis |
| | (c) | y-axis | (d) | Data labels |
| 17. | | reusable graphic image, button, t of a Flash movie is known as | movie | e clip, or text that is stored as a |
| | (a) | Symbol | (b) | Frame * |
| | (c) | Layer | (d) | None of these |
| 18. | Wh | nat does OCR stand for? | | |
| | (a) | Optical Code Recognition | | |
| | (b) | Optical Character Recognition | | |
| | (c) | Optical Character Reader | | |
| | (d) | None of these | | |
| | | | | |

| 19. | Which of these is not a category of e-cor | nmerc | e? |
|------|---|----------|--|
| | (a) Business-to-Customer | (b) | Business-to-Government |
| | (c) Digital Middleman | | Business-to-Business |
| 20. | Which of these indicates the frame | num | ber currently being displayed on |
| | the stage? | (1.) | Commant Frama |
| | (a) Frame Rate | (b) | Current Frame |
| | (c) Playhead | | None of these |
| 21. | | | elements and lags in think. |
| | (a) <body></body> | | <html></html> |
| | (c) <head></head> | | <end> </end> |
| 22. | Which of these HTML elements provide | es a tit | le to a web page? |
| | (a) <body></body> | (b) | <hr/> |
| | (c) <head></head> | (d) | <title></title> |
| 23. | Which of these HTML elements is used | l to un | derline the text in a web page? |
| | (a) <un></un> | (b) | <und></und> |
| | (c) <ii></ii> | | None of these |
| 24. | Which of these HTML elements is used | d to ge | enerate a horizontal line (rule) in a web |
| | page? | | |
| | (a) <hr/> | (b) | |
| | (c) <u></u> | | <pre><hrule></hrule></pre> |
| 25 | . Which of these tools is used to acquire | colour | rs and style from existing lines and apply |
| | the same to other objects in Flash? | | |
| | (a) Copy Tool | (b) | |
| | (c) Eyedropper Tool | (d) | None of these |
| . 26 | | | |
| | (a) Electronic spreadsheet | (b) | - Character of the control of the co |
| | (c) Image Editor | (d) | |
| 2' | 7. The cell address A\$4 in a formula im | plies th | nat it is a(an) |
| | (a) Mixed cell reference | | |
| | (b) Absolute cell reference | | |
| | (c) Relative cell reference | | |
| | (d) None of these | | (5) |
| | | | |

28. Which of these formulas is used to find the average of contents in cells B1 to B5? =AVG(B1:B5)(a) (b) =AVERAGE(B1,B5) (c) =AVERAGE(B1:B5) None of these (d) 29. The cell address \$A\$4 in a formula implies that it is a(an) Mixed cell reference (b) Absolute cell reference Relative cell reference (d) None of these 30. Which of these displays the contents of the active cell in the worksheet? (a) Formula Bar (b) Title bar (c) Font tab (d) Status bar

ANSWERS

2. 1. (a) (d) 3. (d) 4. (c) 5. (b) 6. (d) 7. (d) 8. (b) 9. (b) 10. (a) 11. 12. (a) (d) 13. (b) 14. (c) 15. (a) 16. (a) 17. (a) 18. (b) 19. (c) 20. (b) 21. (b) 22. (d) 23. (c) 24. (a) 25. (c) 26. 27. (a) 28. (c) 29. (a) (b) 30. ·(a)



National Cyber Olympiad Practice Sheet

| 1. | Which of these would you use to do calculations on a large amount of data quickly and accurately? |
|----|---|
| | (a) QBASIC (b) MS Excel (c) MS Word (d) HTML |
| 2. | Which error does '#VALUE!' indicate in Excel? |
| | (a) A column is not wide enough to accommodate some data. (b) A negative time or date is used. (c) The wrong type of operand is used. (d) A cell reference is invalid. |
| 3. | While writing a range of cells in a formula, what do we use to separate the first and last cell addresses? |
| | (a) Comma (,) (b) Semicolon (;) (c) Backslash (\) (d) Colon (:) |
| 4. | This option in Excel helps to arrange data according to a particular field in ascending or descendin order. |
| | (a) Sort (b) Filter (c) Formula (d) Function |
| 5. | The weather department wants to show the trend of temperatures over a year in Excel. Which of these charts would be most suitable in Excel? |
| | (a) Doughnut chart (b) Pie chart (c) Line chart (d) Column chart |
| 6. | Which of these would you look at to understand the nature of data displayed on a chart in Excel? |
| | (a) Layout (b) Legend (c) Labels (d) Gridlines |
| 7. | By 'uploading', we mean that a |
| | (a) file is being copied from a remote computer. (b) file is being sent to a remote computer. (c) program is being installed on a computer. (d) program is identifying and removing viruses. |
| 8. | Which of these options in Windows helps you manage the sizes of backups? |
| | (a) Restore my file option (b) Manage Space link (c) Manage Backup link (d) Restore Backup option |



| | Triner of diese would you use for programming. |
|-----|---|
| | (a) MS Word and MS Excel (b) QBASIC and Excel (c) QBASIC and C++ (d) C++ and MS Paint |
| 10. | Maya typed the following program in QBASIC. What will its output be? PRINT \$ "a+b" a = 10; b = 25 |
| | (a) 35 (b) 250 (c) Error message (d) PRINT 35 |
| 11. | Which of these commands helps us to shift the control of a program to the desired command with a specific label in QBASIC? |
| | (a) GOTO command (b) If Then Else statement (c) Do While statement (d) None of these |
| 12. | In QBASIC, which of these is the loop used when the number of repetitions is known? |
| | (a) DO WHILE (b) DO UNTIL (c) FORNEXT (d) WHILEWEND |
| 13. | Which of these is false about images made in Photoshop? |
| | (a) They are made up of lines and curves. (b) These images can be made larger or smaller without any loss in quality. (c) These images are made of mathematically defined objects. (d) None of these |
| 14. | Which tool in Photoshop helps to select parts of an image that are similar in colour? |
| | (a) Magic wand tool (b) Lasso tool (c) Marquee Tool (d) Hand tool |
| 15. | Which of these tools in Photoshop will help you to smoothen irregular edges of an object when you cut, copy, and paste the object? |
| | (a) Feathering tool (b) Smudge tool (c) Anti Aliasing tool (d) Blur tool |
| 16. | Priya wants to use a particular shade of blue from one Photoshop image in another image. Which of these tools should she use to get the exact colour? |
| | (a) Color Palette (b) Eye Dropper tool (c) Path Selection tool (d) Hand tool |

| 8. | l want | to insert a line break in my HTML page. Which tag should I use? |
|-----|--------------------------|---|
| | (a) (b) (c) (d) | <body> <hr/> <p></p></body> |
| 19. | lf you | want to specify the font colour on your HTML page, where would you do so? |
| | (a) (b) (c) (d) | In the HEAD tag In the tag In the FONT tag In the <hr/> tag |
| 20. | If I w | ant to specify the text size for an HTML page, |
| | (a) (b) (c) (d) | I should use the FONT tag. I may or may not enclose values in double quotation marks in a tag. I will use suitable attributes with different font sizes. I will do all the above. |

17. Which of these programs uses layers Adobe Photoshop

QBASIC

MS Excel

HTML

(a)

(b)

(c)

(d)

[, (b); 2. (c); 3. (d); 4. (a); 5. (c); 6. (b); 7. (b); 8 (b); 9. (c); 10. (c); 11. (a); 12. (c); 13. (d); 14. (a); 15. (b); 16. (b); 17. (a); 18. (a); 19. (c); 20. (d) **Answers**



National Cyber Olympiad

Today Computer and Information Technology have become integral part of human existence. Computer awareness along with mental ability, logical and analytical reasoning is required to be successful in today's competitive world. National Cyber Olympiad is now a global search competition that aims at identifying and nurturing cyber talent amongst the youngsters. It is as much about inspiring the younger generation to enhance their knowledge and comprehension of issues related to Computers and Information Technology as about testing their aptitude in these streams.

The National Cyber Olympiad is in two levels:

♦ Level 1:

The first level of the test is organized in the respective schools of the participants during the school hours. The level 1 competition is a written objective-type test of 60 minutes duration comprising 35 objective-type (Multiple Choice) questions for classes 3 to 4 and 50 objective-type (Multiple Choice) questions for classes 5 to 12. The question paper consists of Mental Ability, Logical and Analytical Reasoning, Computer and Information Technology. There are separate question papers for each class. The medium of the test is English. CBSE, ICSE/ISC and State Board syllabus is followed for setting the test papers.

♦ Level 2:

The qualifiers to second round would include top 5% students who appear for the 1st level exam from each class, state wise top 10 performing students from each class and topper of each class where at least 10 students have appeared for the exam.

No of questions: 50

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): Natural Numbers and Whole Numbers, Integers, Factors and Multiples, Ratios, Proportion and Unitary Method, Percentage and Its Applications, Algebraic Expressions, Linear Equations in One Variable, Basic Geometrical Concepts, Line Segments, Angles, Triangles, Pairs of Lines & Transversal, Construction, Perimeter and Area, Rational Numbers, Decimal Representation of Rational Numbers, Exponents.
- ♦ Section II (Logical & Analytical Reasoning): Problems Based on Figures, Find Odd Numeral Out, Series Completion, Coding-Decoding, Mathematical Reasoning, Analytical Reasoning, Mirror Images, Embedded Figures, Direction Sense Test, Cubes and Dice.
- ♦ Section III (Computers & Information Technology): Fundamentals of Computer, Evolution of Computers, Hardware, Software, Input & Output Devices, Memory & Storage Devices. Using Windows, MS-Word, MS-Powerpoint, MS-Excel, Programming in Q-Basic, Internet & Viruses.

| | ntal Ability | | | | |
|----|--|--|---|---|--|
| 1. | A man works for 2 days so on. For everyday he w | and then rests for one day vorks, he earns ₹ 100. Ho | ay, then works for 2 day w much will he earn fro | s and rests for one day a m Monday to Saturday | and ? |
| | a. ₹200 | Factoreget | c. ₹400 | d. ₹500 | |
| 2. | A man travels by a car km/hr, second day at 40 | for 3 days. He traveled 1 km/hr and third day at 2 | 10 hours each day. He d 0 km/hr. His average sp | lrove on the first day at eed was: | t 45 |
| | a. 30 km/hr | b. 35 km/hr | e. 38 km/hr | d. 40 km/hr | |
| 3. | The factorization of 25 | -p2-q2-2pq is | | | |
| | a. $(5+p+q)(5-p+q)$ | | b. $(5+p+q)(5-p-q)$ | -q) | |
| | c. $(5+p+q)(5+p-q)$ | | d. $(5+p-q)(5-p+q)$ | | t |
| 4. | What least number mu first two is the same as | st be subtracted from each the ratio of the next two? | ch of the numbers 17, 2 | 1,34,42 so that the rati | io of |
| | a. 0(zero) | b. 1 | c. 2 | d. 7 | |
| 5. | The value of (6.98×6.9) | 98-2.02	imes 2.02) divided by | 4.96 is | | |
| | a. 9 | b. 4.96 | c. 3.72 | d. 6.76 | |
| 6. | Any cyclic parallelogra | m having unequal adjace | nt sides is necessarily a | | |
| | a. Square | b. Rectangle | c. Rhombus | d. Trapezium | |
| 7. | $-14 \times 2 + 3 - 6 \div 9 = ?$ | If $(+=-), (-=+), (\times=$ | \div) and ($\div = \times$), then | | |
| | a. 28 | b. 38 | c. 48 | d. 58 | L_i |
| 8. | Two numbers are in th highest number is | e ratio 5:6 and if 4 is subt | racted from each, they | are reduced to 2:3, then | the |
| | a. 4 | b. 12 | c. 8 | d. 10 | |
| 9. | How many prime num | bers lie between 115 – 12 | 2. | | |
| | a. 2 | b. 3 | c. 4 | d. none of these | |
| 10 | A runs faster than E b runs faster? | out not so fast as B and I | 3 runs faster than C bu | t not as faster than D, | who |
| | a. A | [] b. B | c. C | d. D | The state of the s |
| 11 | . A person climbs up a p how much time he will | oole of 88 mt high, in eve take to reach at the top? | ry minute he climbs 12 | mt but slips down 8 m | t. So |
| | a. 19 | b. 29 | c. 28 | d. none of these | |
| 12 | . There are 24 birds on a | tree. A hunter fired shot | down 20. So how many | birds left on the tree? | all the state of the |
| | a. 4 | b. 7 | c. 24 | d. none of these | - |
| 13 | . If x persons can comple | ete work in t hours, in ho | w many hours y persons | s can complete it? | |
| | a. x/yt | b. t/yx | c. ty/x | d. none of these | The second |
| 14 | . If $p \Delta q O r$, it is possible | e that- | | | 4-00Mgs. |
| | a. p×q×r | b. p×q□r | c. p [] q [] r | d. p[q[r | The same of the sa |
| 15 | 5. If $27 * 3 = 243$, $5 * 4$ | = 80. Then what is the v | alue of 3 * 7? | | position |
| | a. 84 | b. 147 | c. 63 | d. 23 | |
| | | 1 | | | |

| Lo | gical andAnalytica | l Reasoning | | | |
|-----|---|--|----------------------------|--|---|
| 16. | Unscramble the letter | s of words and find odd or | ne out. | | |
| | a. TLAES | b. KOBO | c. PPREA | d. NCEPLI | |
| 17. | | en, Green is called Black led Orange then what is t | | White is called Red, Re | d is |
| | a. White | b. Black | c. Red | d. Green | |
| 18. | If RUNNER is coded b | y SUMMER, the code for | WINTER will be: | | |
| | a. XIMSER | b. VINTER | c. SINVER | d. VIOUER | |
| 19. | | he correct time at 11 a.m. e watch indicates 1 p.m. o | | ites in 12 hours what wil | lbe |
| | a. 10 a.m. | b. 11 a.m. | c. 12 noon | d. None of these | |
| 20. | If, $PET = 4$, $LET = 3$, | JEY = 2, then what is th | e value of XET? | | |
| | a. 1 | b. 5 | c. 6 | d. 8 | |
| 21. | Six persons A, B, C, D, F is to the left of D. Wh | E and F are standing in a o is between A and F? | circle. B is between F a | and C, A is between E and | d D, |
| | a. B | b. C | c. D |] d. E | |
| 22. | Look at this series: 8,4 | 3, 11, 41,, 39, 17, Wh | nat number should fill in | n the blank? | |
| | a. 8 | b. 14 | c. 43 | d. 44 | |
| 23. | | nd E are standing in a row pairs represents the boys | | | dΕ. |
| | a. C, B | b. E, C | c. E,A | d. A, C | |
| 24. | Arrange the following | words in a meaningful or | der. | | |
| | 1. Frog 2. Eagle 3. G | rasshopper 4. Snake 5. | Grass | | |
| | a. 3, 4, 2, 5, 1 | b. 1, 3, 5, 2, 4 | c. 5, 3, 1, 4, 2 | d. 5, 3, 4, 2, 1. | 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 |
| 25. | Which will come next i | n the series? az, by, cx,? | | | |
| | a. ef | b. gh | c. ij | d. dw | |
| 26. | Which most closely res | sembles the mirror image | of the given word STRO | OKE | |
| | EKORTS .s | b. EKORTS | c. ROKETS | STROKE .b | 1 |
| 27. | A duck flew at 18 km p fly in all? | er hour for 3 hours, then | at 15 km per hour for 2 | hours. How far did the di | uck |
| | a. 69 km | b. 75 km | c. 81 km | d. 84 km | |
| 28. | Count the number of t | riangles in the following f | figure. | | |
| | a. 8 | b. 10 | c. 12 | d. 14 | |
| 29. | Find the missing chara | acter. | | 4 5 1 | |
| | a. 1 | b. 2 | c. 3 | d. 4 $\frac{64}{?}$ $\frac{8}{25}$ $\frac{8}{2}$ | |
| 30. | A and B are a married of | couple. X and Y are broth | ers, X is brother of A. He | ow is Y related to B? | |
| | a. Brother in law | b. Brother | c. Son in law | d. Cousin | |

| Computers and Information Technology | | | |
|---|---------------------------------|--|--|
| 31. In computer scanner isdevice | contentation of the second | d. None | projection in a |
| a. Input b. Output | c. Both | u. None | Nacon |
| 32. Speed of laser printer is measured in | processing | d. DPS | - |
| b. PPM | c. DPI | hadamar | Romeine |
| 33. The second generation of electronic computers b | egan with the develop | ment of the | |
| b. Vacuum tubes | c. Transistors | u. Dio-cinps | דייין |
| 34. A set of detailed, step-by-step instructions that | tells a computer how | to solve a problem of ca | 11) |
| out a task is known as | c. Information | d. All of above | \$ 10.00 miles |
| a. Program b. Data | C. IIIIOI IIIation | No. Common of the Common of th | |
| 35. Why was punch cards invented? | 1 | | garagett in |
| a. To automate the weaving loom by Joseph Jacqua | ara | | - September 1 |
| b. To tabulate the census data by Dr. Herman Holle | eriuli | | \$ 100 miles |
| c. To program Analytical Engine by Lady Augusta | | | Secretary of the second |
| d. None of above | | | |
| 36. What is a computer? | tionato outnut inform | eation for use. | Acceptance of the control of the con |
| a. A electronic device that processes data via instr | accions to output inform | tions. | Printer Street |
| b. Raw facts and figures that has no meaning proc | bolg or sounds | | T. consumb |
| c. Meaning attached to data letters, pictures, sym | DOIS OF SOUTIUS. | | |
| d. All of the above | | | |
| 37. The central processing unit is located in the: | c. Memory | d. Monitor | - |
| a. Hard disk b. System unit | | | |
| 38. In order to protect computers against a compu | b. McAfee anti-v | rimis | |
| a. Microsoft Windows 2000 | property. | 11 40 | |
| e. Microsoft Office | d. None | nown as | |
| 39. People who break in computer systems for ma | licious purposes are ki | d. Security exper | ts |
| b. Thieves | c. Crackers | de Booding - 1 | |
| 40. Which one of these can produce the final produce | uct of machine process | d. Output device | |
| a. Storage b. Control | c. Input device | u. Output do les | |
| 41. CD-ROM is a | | ctor | |
| a. Semiconductor memory | b. Memory regind. None of above | | |
| c. Magnetic memory | | | |
| 42. Which of the following is not a primary storage | ge device? | d. None of above | |
| a. Magnetic tape b. Magnetic disk | e. Optical disk | d' Molle of above | |
| 43. The first electronic computer in the world wa | ns | d. All of above | |
| a. UNIVAC b. EDVAC | e. ENIAC | A. THI OI GOOT | |

| 44. You used the drawing tools to creather the shape and the document chan | | | | oth |
|---|--|--|---|--|
| a. There were too many shapes | - Desired | | was outside the shape | |
| c. The shape was the wrong size | and the second s | d. There was a bre | | Transcored (|
| 45. You cannot close MS Word applicat | tion by | | | Loomed |
| a. Choosing File menu then Exit sub | omenu ' | b. Press Alt+F4 | | |
| c. Click X button on title bar | a di antino | d. From File menu | choose Close submenu | |
| 46. The key F12 opens a | | | | Nation and |
| a. Save As dialog box | en dialog box | c. Save dialog box | d. Close dialog box | |
| 47. Portrait and Landscape are | | | | 3-0-04-46 |
| a. Page Orientation b. Pap | er Size | c. Page Layout | d. All of above | |
| 48. Which of the following is not a way | to cut ext? | | | |
| a. Select the text and press the delete | e button | | | |
| b. Select the text and select Edit, Cur | t from the menu | | | () |
| c. Select the text and click the Cut bu | utton on the toolbar | c | | |
| d. Select the text and press Ctrl+X | | | | |
| 49. The quickest way to create a Power | rPoint presentation | on is to use the | to the second second | |
| a. Word for windows templates | | b. Auto creation w | izard | |
| c. Auto content wizard | The second secon | d. Presentation wi | zard | |
| | | | | |
| 50. A computer virus that actively atta | acks an anti-virus | program in an effo | ort to prevent detection is | S |
| persona | acks an anti-virus ost virus | program in an effo | ort to prevent detection is d. Retrovirus | 5 |
| a. Trojan b. Gho | encounty. | c. Worm | portering | |
| a. Trojan b. Gho | ost virus | c. Worm | d. Retrovirus | |
| a. Trojan b. Gho | ost virus ISWER Stions and check | c. Worm | d. Retrovirus | 2002 |
| a. Trojan b. Gho AN Do above quest | ost virus ISWER Stions and check to d 27. | c. Worm HEET for the answers | d. Retrovirus | Control of the Contro |
| a. Trojan b. Gho AN Do above quest 1. a b c d 14, a b | ost virus ISWER S tions and check c d 27. c d 28. | c. Worm HEET for the answers l | d. Retrovirus below. 39. a b c d | |
| a. Trojan Do above quest 1. a b c d 14. a b 2. a b c d 15. a b | ost virus ISWER S cions and check c d 27. c d 28. c d 29. | c. Worm HEET for the answers a b c d a b c d | d. Retrovirus below. 39. a b c d 40. a b c d | |
| a. Trojan Do above quest 1. a b c d 14. a b 2. a b c d 15. a b 3. a b c d 16. a b | ost virus ISWER S tions and check c d 27. c d 28. c d 29. c d 30. | c. Worm HEET for the answers a b c d a b c d a b c d | d. Retrovirus below. 39. a b c d 40. a b c d 41. a b c d | |
| a. Trojan Do above quest 1. a b c d 14. a b 2. a b c d 15. a b 3. a b c d 16. a b 4. a b c d 17. a b | ost virus ISWER S ions and check c d 27. c d 28. c d 29. c d 30. c d 31. | c. Worm HEET for the answers a b c d a b c d a b c d | d. Retrovirus below. 39. a b c d 40. a b c d 41. a b c d 42. a b c d | |
| a. Trojan Do above quest 1. a b c d 14. a b 2. a b c d 15. a b 3. a b c d 16. a b 4. a b c d 17. a b 5. a b c d 18. a b 6. a b c d 19. a b | c d 27. c d 28. c d 30. c d 31. c d 32. | c. Worm HEET for the answers a b c d a b c d a b c d a b c d a b c d | d. Retrovirus below. 39. a b c d 40. a b c d 41. a b c d 42. a b c d 43. a b c d 44. a b c d | Street, Street |
| a. Trojan Do above quest 1. a b c d 14. a b 2. a b c d 15. a b 3. a b c d 16. a b 4. a b c d 17. a b 5. a b c d 18. a b 6. a b c d 19. a b 7. a b c d 20. a b | c d 29. c d 30. c d 32. c d 33. | c. Worm SHEET for the answers a b c d a b c d a b c d a b c d a b c d a b c d a b c d a b c d | d. Retrovirus below. 39. a b c d 40. a b c d 41. a b c d 42. a b c d 43. a b c d 44. a b c d 45. a b c d | Section Section (Section) Sect |
| a. Trojan Do above quest 1. a b c d 14. a b 2. a b c d 15. a b 3. a b c d 16. a b 4. a b c d 17. a b 5. a b c d 18. a b 6. a b c d 19. a b 7. a b c d 20. a b 8. a b c d 21. a b | c d 29. c d 30. c d 32. c d 33. c d 34. | c. Worm SHEET for the answers a b c d a b c d a b c d a b c d a b c d a b c d a b c d a b c d a b c d | d. Retrovirus below. 39. a b c d 40. a b c d 41. a b c d 42. a b c d 43. a b c d 44. a b c d 45. a b c d 46. a b c d | The second description of the second descrip |
| a. Trojan Do above quest 1. a b c d 14. a b 2. a b c d 15. a b 3. a b c d 16. a b 4. a b c d 17. a b 5. a b c d 18. a b 6. a b c d 19. a b 7. a b c d 20. a b 8. a b c d 21. a b 9. a b c d 22. a b | c d 27. c d 28. c d 30. c d 31. c d 32. c d 33. c d 34. c d 35. | c. Worm The answers a b c d a b c d a b c d a b c d a b c d a b c d a b c d a b c d a b c d a b c d a b c d a b c d a b c d | d. Retrovirus below. 39. a b c d 40. a b c d 41. a b c d 42. a b c d 43. a b c d 44. a b c d 45. a b c d 46. a b c d 47. a b c d | Security Manney Manney Security Securit |
| a. Trojan Do above quest 1. a b c d 14. a b 2. a b c d 15. a b 3. a b c d 16. a b 4. a b c d 17. a b 5. a b c d 18. a b 6. a b c d 19. a b 7. a b c d 20. a b 8. a b c d 21. a b 9. a b c d 22. a b 10. a b c d 23. a b | c d 27. c d 28. c d 30. c d 31. c d 32. c d 33. c d 34. c d 35. c d 36. | c. Worm The answers a b c d a b c d a b c d a b c d a b c d a b c d a b c d a b c d a b c d a b c d a b c d a b c d a b c d a b c d a b c d | d. Retrovirus 39. a b c d 40. a b c d 41. a b c d 42. a b c d 43. a b c d 44. a b c d 45. a b c d 46. a b c d 47. a b c d 48. a b c d | Summer Secure Secure Summer Secure Se |
| a. Trojan Do above quest 1. a b c d 14. a b 2. a b c d 15. a b 3. a b c d 16. a b 4. a b c d 17. a b 5. a b c d 18. a b 6. a b c d 19. a b 7. a b c d 20. a b 8. a b c d 21. a b 9. a b c d 22. a b 10. a b c d 23. a b 11. a b c d 24. a b | c d 29. c d 30. c d 31. c d 32. c d 33. c d 34. c d 35. c d 36. c d 37. | c. Worm The answers a b c d | below. 39. a b c d 40. a b c d 41. a b c d 42. a b c d 43. a b c d 44. a b c d 45. a b c d 46. a b c d 47. a b c d 48. a b c d 49. a b c d | Parameter Secure Control |
| a. Trojan Do above quest 1. a b c d 14. a b 2. a b c d 15. a b 3. a b c d 16. a b 4. a b c d 17. a b 5. a b c d 18. a b 6. a b c d 19. a b 7. a b c d 20. a b 8. a b c d 21. a b 9. a b c d 22. a b 10. a b c d 23. a b | c d 29. c d 30. c d 31. c d 32. c d 33. c d 34. c d 35. c d 36. c d 37. c d 38. | c. Worm The answers a b c d a b c d a b c d a b c d a b c d a b c d a b c d a b c d a b c d a b c d a b c d a b c d a b c d a b c d a b c d a b c d a b c d | d. Retrovirus 39. a b c d 40. a b c d 41. a b c d 42. a b c d 43. a b c d 44. a b c d 45. a b c d 46. a b c d 47. a b c d 48. a b c d | Parameter Secure Control |