

Tribhuvan University
Faculty of Education
Re-Entrance Test 2079

Level: Bachelor Degree

Time:1.40 hrs

Subject: BICTE

Full Marks: 100

Mark the letter corresponding to the right answer of each question.

1. Which of the following device is used through which data and instructions are entered into a computer?
 - a. Software
 - b. Output device
 - c. Input device
 - d. Memory
2. What might be Computer Monitor called?
 - a. DVU
 - b. UVD
 - c. VDU
 - d. CCTV
3. Choose correct arrangement in descending order for the units of memory:
 - a. TB>MB>GB>KB
 - b. MB>GB>TB>KB
 - c. TB>GB>MB>KB
 - d. GB>MB>KB>TB
4. Identify the storage media that stores more data than a DVD from the following:
 - a. CD Rom
 - b. Floppy
 - c. Blue Ray Disk
 - d. Infrared Ray Disk
5. _____ is the name given for output shown on the computer monitor.
 - a. VDU
 - b. Hard Copy
 - c. Soft Copy
 - d. Screen Copy
6. What is the name of unit called for eight bits?
 - a. Byte
 - b. megabyte
 - c. kilobyte
 - d. None
7. _____ is the result of the output given by a computer.
 - a. Data
 - b. Instruction
 - c. Information
 - d. Excursion
8. Which one of the following is also known as Read and Write memory?
 - a. ROM
 - b. RAM
 - c. DVD
 - d. Hard Disk
9. Which of the following is not file compression utility?
 - a. 7-zip
 - b. Win Rar
 - c. Win Zip
 - d. Compress
10. In windows computer from where we can change the name of User Account?
 - a. Services
 - b. Computer Name
 - c. Code Panel
 - d. Control Panel
11. Free of cost repair of software bug available at Internet is called
 - a. Version
 - b. Ad-on
 - c. Tutorial
 - d. Patch
12. Web was a project of agency _____
 - a. ARPA
 - b. CERN
 - c. NASA
 - d. None of these
13. Algorithm means _____
 - a. Group of statements
 - b. Stepwise procedure
 - c. Executable statements
 - d. Logical structure of program
14. Which of the following is a correct format of E-mail address?
 - a. name@website@info
 - b. name@website.com
 - c. www.nameofebsite.com
 - d. name.website.com
15. HTML is used to create
 - a. machine language program
 - b. high level program
 - c. web page
 - d. web server
16. Notepad is used for:
 - a. Text only
 - b. Image only
 - c. Both Text and Image
 - d. None of the above

17. The process of transferring files from a computer on the Internet to your computer is called
- Uploading
 - Forwarding
 - FTP
 - Downloading
18. In internet terminology IP means
- Internet Provider
 - Internet Protocol
 - Internet Procedure
 - Internet Processor
19. A Web site's front page /main page is called
- Browser Page
 - Search Page
 - Home Page
 - Bookmark
20. File is _____
- Computer software
 - Logical storage unit
 - Physical storage unit
 - Group of computer software
21. Which one of the following is not a search engine?
- Bing
 - Google
 - Yahoo
 - Windows
22. SSD stands for
- Display device
 - Storage device
 - Input device
 - None of the above
23. Verification of a login name and password is known as:
- Configuration
 - accessibility
 - authentication
 - logging in
24. Google Chrome falls under :
- Operating System
 - Compiler
 - Browser
 - IP address
25. Which of the following is false statement?
- Computer is mechanical device
 - Computer is electrical and mechanical device
 - Computer is electronic device
 - Computer is electro-mechanical device
26. What is the full form of WWW?
- World Wide Web
 - World Wide Word
 - World Wide Wood
 - None of these
27. Full form of HTML is _____
- Hyper Text Markup Language
 - Hyper Text Manipulation Language
 - Hyper Text Managing Links
 - Hyper Text Manipulating Links
28. Which of the following is not an input device?
- Scanner
 - Light Pen
 - Speaker
 - Microphone
29. Moving from one website to another is called:
- Downloading
 - Browsing
 - Uploading
 - Attachment
30. A computer on internet identified by:
- e-mail address
 - street address
 - IP address
 - None of the above
31. Which one is an example of spreadsheet software?
- MS Excel
 - MS Word
 - MS Acces
 - MS PowerPoint
32. Mozilla Firefox is used for:
- Viewing Movie
 - Listening Music
 - Viewing Web Pages
 - Drawing
33. The extension of a text file is _____
- .text
 - .tet
 - .txt
 - .tft
34. Which software can be used for preparing presentation?
- MS Word
 - MS Excel
 - MS PowerPoint
 - MS Access
35. The Process of creating track and sector in a disk is called:
- Wiping
 - Formatting
 - Cleaning
 - Defragmenting

36. Which one is not an Image Editing software?
 a. Photo Shop b. MS PowerPoint
 c. Corel Draw d. MS Paint
37. Which one of the following is not an Image file?
 a. .bmp b. .png
 c. .wmv d. .tiff
38. The shortcuts that appears on the Desktop is called:
 a. Image b. My Document
 c. Icon d. My Computer
39. Which one is an example of database designing software?
 a. MS Excel b. MS Word
 c. MS Acces d. MS PowerPoint
40. Which one can be used for creating a document?
 a. MS Excel b. MS Word
 c. MS PowerPoint d. MS Windows
41. If the domain of function $f(x) = 5x+5$ is $\{-1,-2\}$, then its range set is
 a. $\{0,-5\}$ b. $\{5,3\}$ c. $\{2, -2\}$ d. $\{1,2\}$
42. Which of the following is the remainder when $x^2+12x+26$ is divided by $x+6$?
 a. 8 b. -10 c. 10 d. 12
43. Which of the following is the 7th term of arithmetic sequence with $a=20$ and $d = -3$?
 a. 4 b. 3 c. -2 d. 2
44. If $a + c = 2b$ then b is between a and c .
 a. geometric mean b. arithmetic mean
 c. harmonic mean d. none
45. Which of the following point lies in the region of the inequality $x+2y \leq 9$?
 a. (0,-1) b. (5,3) c. (4,3) d. (-1,6)
46. If matrix $A = \begin{bmatrix} 1 & -2 & -3 & 4 \end{bmatrix}$ and $A + B = 0$ then the value of B is
 a. $\begin{bmatrix} 1 & -2 & -3 & 4 \end{bmatrix}$ b. $\begin{bmatrix} -1 & 2 & -3 & -4 \end{bmatrix}$
 c. $\begin{bmatrix} 1 & 2 & 3 & -4 \end{bmatrix}$ d. $\begin{bmatrix} -1 & 2 & 3 & -4 \end{bmatrix}$
47. The matrix multiplication does not hold
 a. Associative b. distributive over addition
 c. commutative d. existence of identity
48. The distance between two points (12,7) and (2,7) is
 a. 12 unit b. 19 units
 c. 10 units d. 5
49. The equation of circle with radius 3 units and center at (-3,4) is
 a. $x^2+y^2+6x+8y +16 =0$ b. $x^2+y^2-6x+8y -16 =0$
 c. $x^2+y^2+6x-8y +16 =0$ d. $x^2+y^2-6x-8y -16 =0$
50. The area of a triangle with vertices A(1,0), B(0,2) and C(-1,2) is
 a. $\frac{1}{2}$ sq units b. 1 sq unit
 c. 2 sq units d. 4 sq units
51. If the $\triangle ABC$ is transferred to $\triangle A'B'C'$ with scalar factor $k < 1$, then $\triangle ABC$ and $\triangle A'B'C'$ are
 a. congruent b. similar
 c. congruent and similar d. neither congruent nor similar
52. The Mode of the data with mean 73 and median 72 is
 a. 70 b. 71
 c. 72 d. 73
53. Which of the following is not true for two sets A and B?
 a. $A \cup B = B \cup A$ b. $(A \cup B)^c = A^c \cap B^c$
 c. $(A \cap B)^c = A^c \cap B^c$ d. $A^c = U - A$
54. If $x^3 + 3x^2 + 4x + p$ contains $(x+6)$ as a factor then the value of p is
 a. 130 b. 132
 c. 134 d. 136
55. The sum of first two terms of a G P is 1 and every term of this series is twice of its previous term then the first term will be
 a. 1 b. $\frac{1}{2}$
 c. $\frac{1}{3}$ d. $\frac{1}{4}$
56. If $f(x^\circ) = 3 - 2 \sin^2 x^\circ$ then value of $f(30^\circ)$ is
 a. $\frac{2}{5}$ b. $\frac{5}{2}$ c. $\frac{3}{4}$ d. $\frac{4}{3}$

57. The value of $\tan(270^\circ - \theta)$ is equal to
- $\tan \theta$
 - $\cot \theta$
 - $-\tan \theta$
 - $-\cot \theta$
58. If r_1 and r_2 be two roots of the quadratic equations then the quadratic equation is
- $x^2 + (r_1 + r_2)x + r_1 r_2 = 0$
 - $x^2 - (r_1 + r_2)x + r_1 r_2 = 0$
 - $x^2 + (r_1 + r_2)x - r_1 r_2 = 0$
 - $x^2 - (r_1 + r_2)x - r_1 r_2 = 0$
59. The necessary condition for two matrices to be multipliable is
- both have same order
 - both have same number of elements
 - the number of column of first matrix must be equal to the number of rows in second.
 - None of the above.
60. The Value of x for which $x^3 - 1 = -28$ is
- 3
 - 3
 - 2
 - 2
61. The equation of straight line $4x + 6y = 0$ intersects X-axis and Y-axis at
- 2 and 3
 - 0 and 0
 - 4 and 6
 - 2 and -3
62. If the $x + y = 8$ where x and y are positive integers then the maximum value of xy is
- 8
 - 32
 - 16
 - 64
63. Which statistical measure is suitable to make four equal groups of the distribution?
- Mean
 - Quartiles
 - Median
 - Mode
64. Two coins are tossed simultaneously. What will be the probability of getting at most one head?
- $1/4$
 - $2/4$
 - $3/4$
 - 1
65. What will be the probability of getting red face cards when picking a card from well shuffled deck of 52 cards?
- $1/4$
 - $1/2$
 - $3/13$
 - $3/26$
66. Which is not the opposite word of 'honour'?
- disgrace
 - discord
 - dishonour
 - disrespect
67. Roshan is a very _____ artist.
- talent
 - talented
 - telent
 - talentful
68. Which is the most appropriate sentence?
- Ever have you been to Pokhara?
 - Have you ever been to Pokhara?
 - Have you been ever to Pokhara?
 - Have you been to Pokhara ever?
69. She used to be afraid _____ cockroaches when she was young.
- by
 - from
 - of
 - off
70. It was pitch dark; however, there _____ a ray of light that came from the farmer's hut.
- was
 - is
 - can be
 - could be
71. The similar meaning of 'restrain' is to _____.
- facilitate
 - encourage
 - provoke
 - prevent
72. He's really _____ in meeting you.
- interest
 - interested
 - interesting
 - interests
73. In which of the following words, the sound /b/ is silent?
- climb
 - dumb
 - doubt
 - dubbed

90. Which of the following is input in education system?
a. Evaluation procedure b. Teaching strategies
c. School management d. Physical infrastructure
91. "An instructional program designed to achieve the aims of education" is the definition of curriculum given by ..
a. NESP 2028 b. Hilda Tawa
c. Tyler d. Cunningham
92. The objective of educational counseling is ...
a. To provide knowledge about educational opportunities
b. To overcome the learners from serious problem
c. To help students academic success
d. To assist the student for self-study
93. Which of the following is the function of Parent Teacher Association (PTA)?
a. To formulate the policy for school education
b. To implement the educational program in the district
c. To establish the pre-primary school at the local level
d. To establish the relation between parents and teacher
94. Which of the following was education related goal included in Millennium Development Goal (MDGs)?
a. Increase assess of higher education
b. Achieve universal primary education
c. Extend local partnership for education
d. Reduce gender disparity in education
95. The study of teaching learning process and student behaviour is known as ..
a. Cognitive psychology b. Procedural psychology
c. Educational psychology d. Learning psychology
96. Which of the following is true for human development?
a. It is continuous process b. It is quantitative change
c. It indicates the change in size d. It can be seen and measurable
97. According to Bloom Taxonomy of educational objective, the specific objective "to recall the part of computer" is associated with ... level.
a. Knowledge b. Comprehension
c. Application d. Evaluation
98. The process of assigning numerals to the answer of students is known as
a. Test b. Measurement
c. Evaluation d. Assessment
99. The result of final examination at the school level is associated with evaluation.
a. Summative b. Formative
c. Diagnostic d. Ipastive
100. According to Constitution 2072, which of the following is the fundamental right related to education?
a. Every citizen shall have right to technical education
b. Every citizen shall have the right to access to higher education
c. Every Nepali community living in Nepal shall have the right to acquire education
d. The visually impaired person shall have the right to free education with the medium of Nepali script

