

Tribhuvan University

Faculty of Education

Re-Entrance Test 2075

Symbol No:

Level: Bachelor Degree

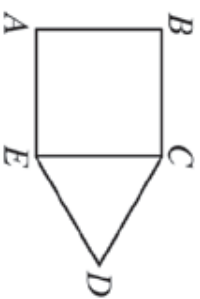
Time: 1 hr

Subject: Information and Communication Technology Education

Tick(✓) the best answers.

1. What does BIOS stands for?
 - a. Basic Input/Output System
 - b. Basic InOut System
 - c. Basic Image on System
 - d. Basic IO System
2. Which of the following is required to hear music on your computer?
 - a. Video Card
 - b. Mouse
 - c. Sound Card
 - d. Joy Stick
3. Which of the following is NOT an example of protocol?
 - a. FTP
 - b. POP3
 - c. HTTP
 - d. MAC
4. What does HTML stands for?
 - a. Hyperlink Text Marking Language
 - b. Hyper Textual Mark-up Lingo
 - c. HyperText Mark-up Language
 - d. Hyper Textual Mark-up Logo
5. Which of the following is a properly formatted email address?
 - a. me.ict.education.com.np
 - b. me.ict.education@com.np
 - c. me@icteducation.com.np
 - d. All of the above
6. What is it called when you remove some information from a file or remove a file from the disk?
 - a. Save
 - b. Edit
 - c. Delete
 - d. remove
7. ADSL is the abbreviation of:
 - a. Asymmetric Digital System Line
 - b. Asymmetric Digital Subscriber Line
 - c. Asymmetric Dual Subscriber Line
 - d. Asymmetric Dual System Line
8. What does USB stands for?
 - a. United Serial Bus
 - b. Universal System Bus
 - c. Universal Serial By-Pass
 - d. Universal Serial Bus
9. Which of the following is NOT a binary number?
 - a. 001
 - b. 101
 - c. 202
 - d. 110
10. How many bytes have one MB?
 - a. 1024
 - b. 980
 - c. 1060
 - d. 1124
11. Which of the following unit measures the capacity of hard disk?
 - a. MHz
 - b. BPS
 - c. Gigabytes
 - d. 52X
12. What does WWW stands for?
 - a. Wide World Web
 - b. World Wide Web
 - c. Web World Wide
 - d. Web Wide Wave
13. Which of the following is NOT an input device?
 - a. Printer
 - b. Keyboard
 - c. Joystick
 - d. Microphone
14. Which of the following is NOT an output device?
 - a. Monitor
 - b. Keyboard
 - c. Printer
 - d. Speakers
15. What does ALU stands for?
 - a. Arithmetic Logic Unit
 - b. Application Logic Unit
 - c. Array Logic Unit
 - d. Apply Logic Unit
16. Which of the computer part is called "brain" of the computer?
 - a. Monitor
 - b. RAM
 - c. ROM
 - d. CPU
17. What does RAM stand for?
 - a. Remote Authorization Memory
 - b. Random Access Memory
 - c. Readily Accessed Memory
 - d. Random Authorization Memory
18. What does VGA stands for?
 - a. Video Graphics Array
 - b. Volatile Graphics Array
 - c. Visual Graphics Array
 - d. Video Graphics Adapter

19. Which of the following is system software?
 a. Linux
 b. Word
 c. Excel
 d. Photoshop
20. How many bits length does IPV4 have?
 a. 32
 b. 64
 c. 48
 d. 24
21. If $f(x) = 2x + 3$ and $f(y) = 7y - 8$, what is the value of $f(f(x) + f(y))$?
 a. $2x + 7y - 5$
 b. $2x - 7y - 11$
 c. $2x - 7y + 11$
 d. $9xy - 11$
22. If $r = 2t$ and $t = 3$, what is the value of $2r$?
 a. 2
 b. 4
 c. 6
 d. 12
23. A cubical block of metal weighs 6 pounds. How much will another cube of the same metal weighs if its sides are twice as long?
 a. 48
 b. 32
 c. 24
 d. 18
24. In a class of 78 students, 41 are taking French, 22 are taking German, 9 students are taking both courses. How many students are not enrolled in either course?
 a. 69
 b. 15
 c. 24
 d. 33
25. If $f(x) = |x^2 - 50|$, what is the value of $f(-5)$?
 a. 75
 b. 25
 c. 0
 d. -25
26. The average arithmetic mean of 6, 19, and x is 19. What is the value of x ?
 a. 19
 b. 25
 c. 31
 d. 32
27. If $2mk = 6$, then what is the value of mk ?
 a. 3
 b. 6
 c. 12
 d. 9
28. Which of the following pairs for x, y satisfy the equation $3x + 2y = 11$?
 a. 1,4 only
 b. 3,1 only
 c. 1,4 and 2,2
 d. 1,4 and 3,1



29. In the following figure, CDE is an equilateral triangle and ABCE is a square with an area of 1. What is the perimeter of polygon ABCDE ?
 a. 4
 b. 5
 c. 6
 d. 7
30. What type of virus uses computer hosts to reproduce itself?
 a. Time bomb
 b. Worm
 c. Melissa virus
 d. Macro virus
31. If $y = 2x + 3$ and $0 \leq x \leq 2$, which of the following represents all the possible values for y ?
 a. $0 \leq y \leq 2$
 b. $3 \leq y \leq 7$
 c. $y < 7$
 d. $y > 2$
32. If as many 7-inch pieces of wire as possible are cut from a wire that is 3 feet long, what is the total length of the wire that is left over? 12 inches = 1 foot
 a. 1 inch
 b. 2 inches
 c. 3 inches
 d. 4 inches
33. What is the next number in the series: 1, 4, 9, ?
 a. 27
 b. 16
34. c. 20 d. 25 The n th term of an arithmetic sequence is defined to be $4n + 3$. By how much is the 10th term greater than the 5th term?
 a. 5
 b. 16
 c. 20
 d. 23
35. Which of the following equation represents a line perpendicular to $y = 2x + 3$?
 a. $y = 5x + 3$
 b. $y = -3x + 2$
 c. $2y = 3 - x$
 d. $y = 2x - 3$
36. I have no interest _____ politics.
 a. in
 b. on
 c. of
 d. at

37. Last time I decided to travel, I _____ my ticket _____ directly to my office. I suggest you do the same as it is really convenient.
a. have / sent
b. had / sent
c. get / send
d. got / send
38. This cake is _____ than that one.
a. bad
b. worse
c. worst
d. a. or b.
39. What is the average velocity of a car that moved 60km in 3 hours?
a. 10 km/h
b. 20 km/h
c. 30 km/h
d. 60 km/h
40. I have invited Aman and Rekha Sima, I don't care whether she comes or not.
a. As far as
b. As for
c. While
d. Where as
41. I don't think his books deserve
a. reading
b. to read
c. could be read
d. read
42. He is quite capable defending himself.
a. to
b. of
c. for
d. to
43. I assumed you paying for the repairs until the end of last year.
a. have been
b. was been
c. are being
d. had been
44. Do you know if Ramesh _____ Japanese before moving to Japan?
a. has studied
b. has been studying
c. will have been studying
d. will be studying
45. What is the formula for potassium hydroxide?
a. NaOH
b. KOH
c. $K(OH)_2$
d. KOHa
46. Which is the currency of China?
a. Dinar
b. rangit
c. riyal
d. yuan
47. How many maximum number of teeth in a human?
a. 23
b. 53
c. 32
d. 30
48. Which metal is used in the making microchips?
a. Silicon
b. Iron
c. Copper
d. Sulphur
49. Which of Newton's Three Laws does the following statement satisfy? The relationship between an object's mass (m), its acceleration (a), and the applied force F is $F=ma$.
a. First Law
b. Second Law
c. Third Law
d. All of the above
50. Which vitamin is provided by sun to the body?
a. Vitamin A
b. vitamin B
c. Vitamin C
d. Vitamin D