# Grassroots Academy
# New Delhi

# NET JRF TEST 11

1. In algorithm prepared for computer?
(a) Knowledge in brief is given
(b) A process is completed in a prescribed way
(c) Clear knowledge in brief is given
(d) Time limit is fixed to get the result
(e) All the above

2. Abbreviate ENIAC?
(a) Electrical nutrial integretor&calculator
(b) Electronic numerical integrator & calculator
(c) Electronic number integrator&calculator
(d) all the above
(e) none of the above

3. The cost price &sales price of a particular item is given .To calculate profit &loss percentage by algorithm?
(a) First of all computer program will be prepared
(a) First of all cost price &sales price will be known &then by right formula calculate profit &loss percentage
(b) First of all calculate approximate loss or profit
(c) First of all flow chart of profit &loss will be prepared
(d) All the above

4. VC++ is _____ type of inter phase?
(a) object oriented interphase
(b) GUI(graphic user interphase)
(c) command line interphase
(d) all the above
(e) none of the above

5. Equation ax+b=0 is to be solved by a=3 and b=6,In algorithm?
(a) Take x equal to 3 or 6
(b) Take x equal to 0
(c) putting the value of a&b in equation get value of x
(d) Take x equal to even number
(e) All the above

6. For writing algorithm to calculate the value of x in equation x2+2bx+c=0?
(a) solve the quadratic equation
(b) put the values of a and b
(c) put the values of a, b and c
(d) all the above
(e) none of the above

7. Which type of printer works under non-impact type technology?
(a) laser printer
(b) bubble jet printer
(c) Inkjet printer
(d) all the above
(e) none of the above

8. Which among the following is a formula translator?
(a) BASIC
(b) fotran
(c) D-Base
(d) COBAL
(e) Foxpro

9. The specifications at algorithm are?
(a) Ambiguous,complex&performance
(b) Fixed,entry,exit and infinite
(c) Fast,complex&developed
(d) all the above
(e) none

10. A programming language which looks like normal English is a(n) _____ language?
(a) natural
(b) normal
(c) high-level
(d) 4GL
(e) assembly

11. Who first defined base and tabulated logs to base e ?
(a) Lurribriggs
(b) The Abacus
(c) Napier
(d) Snell
(e) none of the above

12. Which dynamic ROM's are used in the presence of ultra violet light?
(a) EEP ROM'S
(b) P ROM'S
(c) EP ROM'S
(d) both 1&2
(e) both 2&3

13. in a computer which among the following is a pointing devices?
(a) Glide pad
(b) Mouse
(c) Track ball
(d) joysticks
(e) All the above

14. Computer's limit is?
(a) It takes time to solve hard questions
(b) It tires after a long work
(c) It can not solve hard questions
(d) It can not take real decisions
(e) all the above

15. Make the correct matching? a) algorithm 1.repetition of a process b)loop
2.sequential way of problem solving c)flow chart 3.characteristic of the computer
d)automatic 4.a pictorial sequent representation of problem solving
(a) a 1,b 2,c 4, d 3
(b) a 1,b 2,c 3,d 4
(c) a 2,b 1,c 4,d 3
(d) a 2,b 1,c 3,d 4
(e) none

16. Who first invented automated loom?
(a) John Buchanan
(b) The Abacus
(c) Napier
(d) Josephe Jacquard
(e) Charles Babage

17. Give the correct order to 1.computer program 2.desired output 3.flow chart
4.algorithm
(a) 1 , 3 ,4 , 2

(b) 4 , 3 , 1 ,2
(c) 3 ,4 , 1 , 2
(d) 3 , 2 , 1, 4
(e) 1 , 2 , 3 , 4

18. To get the value calculated of the following by algorithm 16-(8*5)+(60+10)?
(a) First (5+60) will be calculated
(b) First (8*5) will be calculated
(c) First (16-8) will be calculated
(d) all the above done in order
(e) none of this process

19. Which type of printer works under impact technology?
(a) laser printer
(b) Dot matrix printer
(c) Inkjet /bubble jet
(d) all the above
(e) none of the above

20. Flow chart is?
(a) Pictorial representation at algorithms
(b) Computer program
(c) Pictorial representation at computer
(d) Picture of computer unit
(e) All the above

21. A computer's BIOS will _____
(a) be loaded first when the computer is powered on
(b) check for the presence of peripherals like mouse, sound card, scanner
(c) run a check of memory
(d) check the display pattern
(e) none of the above

22. In modern computer CPU contain?
(a) control unit
(b) Memory
(c) Arithmetic &logical unit
(d) all the above
(e) none

23. By algorithm, we can do ?

(a) reorganize the computer
(b) systematic steps to solve a problem
(c) communication with computer
(d) computer speed goes fast
(e) all the above

24. Kolla's IT solution is --------- type of application software?
(a) super standard software
(b) Normal product software
(c) Standard product software
(d) all the above
(e) none of the above

25. Which computer language is system dependent?
(a) programming language
(b) Middle level language
(c) Assemble language
(d) high level language
(e) All the above

26. Which computer language is used in solving Y2K problem?
(a) TALLY
(b) COBAL
(c) JAVA
(d) C++
(e) ORACLE

27. Which among the following is a input unit?
(a) monitor
(b) BCR(Bar code reader)
(c) printer
(d) speaker
(e) cd's

28. Which among the following is a single user computer?
(a) Super computer
(b) Micro computer
(c) Main frame computer
(d) Mini computer
(e) All the above

29. Pay slips is ----- type of data processing?

(a) time sharing

(b) Batch processing

(c) online processing

(d) continuous processing

(e) none of the above

30. ----------------------- required to transfer the data from processor to input & output device?

(a) Capacitor

(b) Adaptors

(c) Motherboard

(d) Mouse

(e) RAM

31. 0 and 1 are used in ---------- type of computer language?

(a) Compiler language

(b) Binary language

(c) Assemble language

(d) Interpreters language

(e) All the above

32. Output which is made up of picture, sounds and video is called?

(a) Graphics

(b) COM

(c) Hard copy

(d) Multimedia

(e) all the above

33. Name the computer languages which convert binary codes into numbers?

(a) high level language

(b) Binary language

(c) Compiler language

(d) assembly language

(e) Interpreters language

34. Which of the statements are true? a)First computer programme is written then algorithm b)First the algorithm is written then flow chart and then computer programme c)computer can take important decision itself d) computer takes decision according to instructions

 (a) (b) and (d)

(b)(a) and(d)

(c)(a) and (c)

(d)(a) and(b)

(e)none of the above

35. To publish a magazine---------------- application would be best?

(a) spreadsheet

(b) word processing

(c) desktop publishing

(d) presentation graphics

(e) none of the above

36. In algorithm a step is frequently repeated this is called?

(a) Serial sequence

(b) Repeated sequence

(c) Normal sequence

(d) all the above

(e) none of the above

37. Name the type of computer used in railway reservation & banking?

(a) Main frame computer

(b) Micro computer

(c) Mini computer

(d) Super computer

(e) All the above

38. A proprietary operating system is _____?

(a) used by many different computer manufacturers

(b) unique to a manufacturer

(c) similar to those of other manufacturers

(d) properly configured to operate

(e) none of the above

39. To get the value of (-12)+(-2)+8(6*10) by algorithm?

(a) Calculation will be done in any order

(b) First of all 8(6*10) will be calculated

(c) First of all(-2)+8 will be calculated

(d) all the above

(e) none

40. GIGO stands for _____?

(a) Garbage In, Garbage Out
(b) Garbage Input, Garbage Output
(c) Gigabytes in, Gigabytes out
(d) all of the above
(e) none of the above

41. A computer virus can be _____ .
(a) copied without your knowledge onto floppies used in the infected computer
(b) annoying only
(c) damaging to your data
(d) all the above
(e) none of the above

42. Sharing of hardware resources like a scanner could be done with _____ .?
(a) Internet
(b) LAN
(c) WAN
(d) modem
(e) All the above

43. A single application that combines the major features of several types of application is called?
(a) a combo pack
(b) Integrated software
(c) a suite
(d) high end
(e) all the above

44. An algorithm?
(a) May contain single step
(b) May contain infinite steps
(c) May contain fixed &infinite steps
(d) all the above
(e) none

45. To solve a problem with computer the process is called?
(a) Information
(b) Resources
(c) Algorithm
(d) all
(e) none

46. C -RAY-2 Is ------- type of computer?
(a) Main frame computer
(b) Micro computer
(c) Mini computer
(d) Super computer
(e) none of the above

47. For repeated sequence, the following is used?
(a) Input
(b) Loops
(c) Systematic sequence
(d) output
(e) All the above

48. Spreadsheet is ----------- type of database?
(a) secondary database
(b) relational database
(c) flat database
(d) all the above
(e) none of the above

49. Who is known as father of modern digital computer?
(a) John Buchanan
(b) Abacus
(c) Napier
(d) Josephe Jacquard
(e) Charles Babage

50. The operating system for a computer does the following?
(a) manages the computer memory
(b) manages the disks and files
(c) manages the computer's resources
(d) all the above
(e) none of the above

51. The amount of data that can be stored in a disk depends in part on?
(a) The rotation speed of the disk
(b) The thickness of the magnetic coating
(c) The number of tracks on the disk
(d) disk size

(e) All the above

52. Which among the following is a universally recognized application software?
(a) oracle
(b) lotus
(c) foxpro
(d) all the above
(e) none of the above

53. Which among the following is a example of single user multi tasking?
(a) MS-DOS
(b) UNIX
(c) MS-WINDOW
(d) MS-VISTA
(e) All the above

54. the most commonly used input device is the _____?
(a) joystick
(b) keyboard
(c) mouse
(d) scanner
(e) printer

55. Name the device which acts as both output and input unit?
(a) monitor
(b) printer
(c) modem
(d) mouse
(e) scanner

56. To solve a mathematical question with computer?
(a) Computer programme is entered to the computer
(b) First write computer programme then algorithm
(c) First write algorithm ,then flow chart after that computer programme
(d) all the above
(e) none

57. Name the super computer present in India?
(a) PARAM
(b) KARAM

(c) DARAM

(d) ARJUN

(e) KRISHNA

58. Which among the following is a output device?

(a) mouse

(b) BCR(Bar code reader)

(c) printer

(d) scanner

(e) OCR(optical charcter reader)

59. In equation ax+2bx=0, to calculate the value of x?

(a) put x=0

(b) put a and b=1

(c) put any value of a and b

(d) all the above

(e) none of the above

60. in flow chart, in specific position?

(a) Two steps can be executed at the same time

(b) The step which has already been executed there is no need to return to it

(c) The same step can be repeatedly executed

(d) all the above

(e) none

61. MS-window is a?

    a) Super special interphase

    b) command line interphase(CLI)

    c) Graphics user interphase(GUI)

    d) all the above

    e) none of the above

62. UNIVAC is --------------- type of computer?

Main frame computer

Micro computer

Mini computer

Super computer

All the above

63. Name the adapator of monochrome monitors which support graphics?

(a) Monochrome Video graphic adaptors(VDU)

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(b) colour graphic adaptors monitors(CGA)

(c) Herculus graphic adaptors(HGA)

(d) Enhanced graphics adaptor(EGA)

(e) All the above

64. To calculate the area of a room,the algorithm is ?

(a) compare length and breadth

(b) calculate the mean of given values

(c) calculate lenth,weight & breadth put into the formula

(d) 1 step:write length,breadth,2 step:put values in area=length*breadth,3 step:write the value of area,4 step:stop

(e) none of the above

65. VGA (video graphic adaptors) monitors were first developed by?

(a) HCL

(b) IBM

(c) Hericulus computer technology

(d) APPLE

(e) All the above

66. Quattro Pro is --------- type of program?

(a) word processing

(b) spreadsheet program

(c) graphics program

(d) Database processing

(e) communication program

67. Name the earlest and the simplest device that was used for calculation since 3000 B.C?

(a) Pascals machine

(b) The Abacus

(c) Napier's log and bones

(d) Jacquard's loom

(e) Charles Babage

68. Abbreviate BASIC?

(a) Barcode access system instruction code

(b) Basic all propose symbolic instruction code

(c) Basic access system instructin code

(d) all the above

(e) none of the above

69. Uptron s-800 is -------- type of computer?
(a) Main frame computer
(b) Micro computer
(c) Mini computer
(d) Super computer
(e) All the above

70. Name the company which was established by Hollerith?
(a) SATYAM
(b) TMC(tabulating machine company
(c) HCL
(d) INFOSYS
(e) Hewlett Packard

71. To calculate the first non-divisible number greater than given integer the algorithm will be?
(a) 1 step: check the new number if indivisible or not 2 step: add 1 to that number,3 step: add2 to that number 4 step:if the number is divisible then write the number
(b) 1 step: take the given integer,2 step: add 1 to integer ,3 step: check whether the new number is in divisible or not,4 step :if in divisible then write the number else go to step2
(c) 1 step: take the given integer,2 step: add 2 to the integer,3 step: check whether the new number is indivisible or not
(d) none of the above steps
(e) All the above

72. Which among the following is units of CPU?
(a) control unit
(b) memory unit
(c) arthematic and logical units
(d) all the above
(e) none of the above

73. The speed a printer can be measured in?
(a) pps
(b) ppm
(c) lps
(d) mg
(e) none of the above

74. Which among the following is the secondary storage device?
(a) floppy disk
(b) RAM
(c) ROM
(d) CD'S
(e) both 3&4

75. Initial language used by computers is ?
(a) secondary language
(b) primary language
(c) binary language
(d) assembly language
(e) none of the above

76. Repeated sequence is an example of?
(a) control statement
(b) Input statement
(c) output statement
(d) all the above
(e) none of the above

77. Which among the following is a programming memory device?
(a) Vistual memory
(b) RAM
(c) ROM
(d) Cache memory
(e) All the above

78. Computer capacity is?
(a) follows the instruction in a specific order
(b) To give natural thoughts
(c) can understand the incomplete facts
(d) can change the methodology
(e) all the above

79. In computer language base value is known as?
(a) Septa decimal
(b) Radix(R)
(c) octal
(d) VC++
(e) C++

80. Which among the following is used in scientific application for visual images viewing?
(a) Virtual memory
(b) RAM
(c) ROM
(d) Cache memory
(e) All the above

81. Name the networking package used in accounting?
(a) TALLY
(b) JAVA
(c) DTP
(d) COBAL
(e) C++

82. Checking a computer program for errors is called _____.
(a) correcting
(b) bugging
(c) debugging
(d) syntaxing
(e) none of the above

83. Which among the following is a word processing application?
(a) Excel
(b) DTP
(c) Notepad
(d) Oracle
(e) D-Base

84. If the steps of an algorithm are changed then?
(a) The value will be changed
(b) Their effect remains unchanged
(c) The value will be reversed
(d) all the above
(e) none of the above

85. VGA (video graphic adapters) were first developed by which company?
(a) HCL
(b) IBM
(c) Herculus Company

(d) SATYAM

(e) DELL

86. in algorithm in all steps?

(a) same activity is shown by different methods

(b) different activities takes place

(c) same activities is repeated

(d) activity is only started

(e) all

87. The number greater than an integer (given) the number is divisible or not, to calculate this the algorithm will be?

(a) Follow any of the above procedure

(b) 1 step: add 1 to the given integer 2 step: check whether the number is in divisible or not after adding 3 step: if the resulting number is not divisible then write 1 divisible or write it not in divisible

(c) 1 step: check whether given integers is divisible or not 2 step: add 1 to integer 3 step: write the resulting number

(d) both 1&2

(e) both1&3

88. To solve a problem with computer like English language written procedure is called?

(a) Computer art

(b) Computer hardware

(c) Computer program

(d) Computer output

(e) All the above

89. Who first invented mechanical adding machine?

(a) Blaise Paecal

(b) The Abacus

(c) Napier

(d) Jacquard

(e) Charles Babage

90. An individual dot on a computer screen is called a(n)?

(a) font

(b) character

(c) screen point

(d) pixel

(e) none of the above

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91. Who first developed calculating and data storage device which run on electricity?
(a) John buchanan
(b) Hollerith
(c) Napier
(d) Josephe Jacquard
(e) Charles Babage

92. Primary work that a computer can do?
(a) data collection
(b) mathematical calculations
(c) comparison and logic decisions
(d) all the above
(e) none

93. Name the special type terminals used in retail stores for cash register?
(a) object oriented terminal
(b) Point of sale terminal (POS)
(c) Graphics user TERMINAL
(d) VGU
(e) none of the above

94. Which is an example of a transcription error?
(a) 3455 instead of 3456
(b) 3456 instead of 3465
(c) Simth instead of Smith
(d) all the above
(e) none of the above

95. Name the networking language which is platform independent programming language?
(a) ORACLE
(b) JAVA
(c) TALLY
(d) DTP
(e) COBAL

96. MS-Dos is----------- type of operating system?
(a) multi user single tasking
(b) single user single tasking
(c) single user multi tasking

(d) multi user multi tasking

(e) all the above

97. An algorithm for summing all odd numbers between 1 and 50 will be?

(a) both1&2 are correct

(b) 1 step:write N=0 2 step:write N=N+2 3 step:write N 4 step:if N=50 then stop else go to step2

(c) 1step: write N=1 2step: write N=N+2 3step:write N 4 step:if N=50 then stop else go to step2

(d) both 1&2 are incorrect

(e) none of the above

98. A modem is used to _____?

(a) connect two computers using a satellite uplink

(b) change incoming analog signals to digital signals and outgoing digital signals to analog signals

(c) connect two computers using telephone lines

(d) both 1&2

(e) both1&3

99. Documentation of computer programs is important so that _____

(a) the programmer can see why the code is written that way while hunting for sources of error

(b) users can learn how to use the program

(c) other programmers can know how to maintain the program

(d) all of the above

(e) none of the above

100. Computer is a?

(a) very fast typewriter

(b) developed calculator

(c) based on electronic rules which process the information and data

(d) all the above

(e) none