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JUNIOR INSTRUCTOR INFORMATION TECHNOLOGY,INDUSTRIAL TRAINING

EXAM DATE:30-05-2014

1.Firefox,Opera,Chrome,Safari and Explorer are types of what?

A.Web browser*

B.Server

C.Client

D.OS

Ans:A

2.World Computer Security Day:

A.November 30*

B.December 15

C.September 11

D.November 4

Ans:A

3.Along with whom did Bill Gates found Mircrosoft?

A.Charles Babbage

B.Paul Allen*

C.Dennis Ritchie

D.Steve Jobs

Ans:B

4.The Gateway Internet Access Service(GIAS)of India is situated in:

A.Delhi

B.Mumbai*

C.Chandigarh

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D.Madurai

Ans:B

5.A type of memory chip whose contents can be quickly changed by the computer at any time is called:

A.VDT

B.RUM

C.ROM

D.RAM*

Ans:D

6.Which of the following has decided to discontinue Satya Elementary schools from underprivileged children in rural India?

A.Apple

B.Google

C.Microsoft

D.Oracle*

Ans:D

7.Which of the following is not a type of Database Management System?

A.Hierarchical

B.Network

C.Relational

D.Sequential*

Ans:D

8.In what manner coding and testing are done?

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- A.Top-down*
- B.Bottom-up
- C.Cross-sectional
- D.Adhoc

Ans:A

9.The variables which can be accessed by all modules in a program are known as?

- A.Local variables
- B.Internal variables
- C.External variables
- D.Global variables*

Ans:D

10.The number of functional keys in a keyboard:

- A.13
- B.9
- C.12*
- D.10

Ans:C

11.In decimal system the base or radix is:

- A.1
- B.2
- C.10*
- D.None of these

Ans:C

12.Which of the following computer language is used for artificial intelligence?

- A.COBL
- B.PROLOG*
- C.C
- D.PASCAL

Ans:B

13.Which logic gate is similar to the function of two parallel switches?

- A.NAND
- B.AND
- C.OR*
- D.NOR

Ans:C

14.Which of the following is the ascending order of data hierarchy?

- A.Bit-byte-record-field-database-file
- B.Bit-byte-field-record-file-database*
- C.Bit-byte-file-field-record-database
- D.Bit-file-field-record-byte-database

Ans:B

15.Fork is a:

- A.The dispatching a task
- B.The creation of a new job
- C.The creation of a new process*
- D.Increasing the priority of a task

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Ans:C

16.The time required for fetching and execution of one simple machine instruction is:

- A.Delay time
- B.CPU Cycle*
- C.Real time
- D.Seek time

Ans:B

17.Types of validation testing is:

- A.Alpha and Beta Testing*
- B.Top down and bottom up testing
- C.Both(A)and (B)
- D.Recovery and integrated testing

Ans:A

18.Which of the following commands is used to display your working directory?

- A.Prompt \$p\$g
- B.Dir
- C.Pwd*
- D.Path

Ans:C

19.Example of SDI Application:

- A.MSPAINT*
- B.MS Excel

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C.Word pad

D.None of the above

Ans:A

20.Toolbar displays:

A.One single menu item

B.Collection of button*

C.Collection of menu item

D.None of the above

Ans:B

21.Data warehouse are intended as:

A.Static data collection

B.Database

C.Large collection of data*

D.Storage of records

Ans:C

22.A single packet on a data link is know,as:

A.Path

B.Frame*

C.Group

D.Block

Ans:B

23.The access method used for cassette tape is:

A.Direct

B.Random

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C.Sequential *

D.All the above

Ans:C

24.Which of the following TCP/IP protocol is used for transferring files from one machine to another?

A.RARP

B.ARP

C.HTTP

D.FTP*

Ans:D

25.The principle of locality of reference justify the use of:

A.Interrupts

B.Cache*

C.DMA

D.Polling

Ans:B

26.Which of the following uses the least power?

A.ECL

B.CMOS chip*

C.TTL

D.None of these

Ans:B

27.A logic gate is an electronic circuit which:

A.Alternates between 0 and 1 values

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- B.Works on binary algebra
- C.Allows electron flow only in one direction
- D.Makes logic decisions*

Ans:D

28.The Data Flow Diagrams(DFD)shows:

- A.The areas where they are stored
- B.The processes
- C.The flow of data
- D.All of the above*

Ans:D

29.A flip-flop can store:

- A.1 bit of data*
- B.2 bit of data
- C.3 bit of data
- D.4 bit of data

Ans:A

30.Out of LCD and LED which display consumes the least power?

- A.LCD*
- B.LED
- C.Both consume same power
- D.None of these

Ans:A

31.ASCII stands for:

- A.American Standard Code for Information Inter change*
- B.All purpose Scientific Code for Information Interchange

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C.American Security Code for Information Interchange

D.American Scientific Code for Information interchange

Ans:A

32.Which of the following is not a transmission medium?

A.Coaxial cable

B.Telephone lines

C.Modem*

D.Microwave systems

Ans:C

33.Which of the following is still useful for adding numbers?

A.EDSAC

B.ENIAC

C.UNIVAC

D.Abacus*

Ans:D

34.The average time necessary for the correct sector of a disk to arrive at the read write head is:

A.Down time

B.Rotational delay*

C.Seek time

D.Access time

Ans:B

35.What type of computer programming is used for airplane ticket reservation system?

A.Multiprogramming

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B.Real time programming*

C.Time Sharing

D.Batch Programming

Ans:B

36.Communication between computers is always:

A.Serial*

B.Parallel

C.Series parallel

D.Direct

Ans:A

37.The string containing certain required formatting information is called:

A.Character array

B.Argument

C.Control string*

D.Character string

Ans:C

38.SNMP is a protocol used for:

A.E-mail

B.Network management*

C.Messaging

D.File transfer

Ans:B

39.Which algorithm design technique is used in merge sort algorithm?

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- A.Dynamic programming
- B.Back tracking
- C.Divide and conquer*
- D.Greedy method

Ans:C

40.The operation which is commutative but not associative is:

- A.AND
- B.EX-OR
- C.OR
- D.NAND*

Ans:D

41.A software program stored in a ROM that can not be changed easily is known as:

- A.Firmware*
- B.Editor
- C.Linker
- D.Hardware

Ans:A

42.Which data structure is needed to convert infix notations to post fix notations?

- A.Queues
- B.Stacks*
- C.Linear lists
- D.Strings

Ans:B

43.When the mouse pointer is positioned on a-----it is shaped like a hand

- A.Hyperlink*
- B.Hypertext
- C.Tex
- D.All the above

Ans:A

44.The process of communicating with a file from a terminal is:

- A.Heuristic
- B.Interactive
- C.Interrogation*
- D.None of the above

Ans:C

45.The top most bar in any application window is the -----which displays the name of the document or application

- A.Menu bar
- B.Title bar*
- C.Tool bar
- D.All the above

Ans:B

46.The language which is used by terminal user to retrieve and update data in a managed database is known as:

- A.High level language
- B.Hardware design language

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C.Query language*

D.Assembly language

Ans:C

47.A hashing scheme is used with:

A.Sequential file organization

B.Direct file organization*

C.Indexed sequential file organization

D.Partitioned file organization

Ans:B

48.A program that converts computer data into some code system other than the normal one is known as:

A.Simulation

B.Emulator

C.Coding

D.Encoder*

Ans:D

49.The tracks on a disk which can be accessed without repositioning the R/W heads is:

A.Surface*

B.Cylinder

C.Cluster

D.All of the above

Ans:A

50.UNIVAC is:

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- A.Universal Automatic Computer*
- B.Unique Automatic Computer
- C.Universal Array Computer
- D.Unvalued Automatic Computer

Ans:A

51.Which of the following program is not a utility?

- A.Debugger
- B.Editor
- C.Spooler*
- D.All of the above

Ans:C

52.A software package to perform calculations on data arranged in an array is:

- A.System software
- B.Utility programs
- C.Application programs
- D.Electronic spread sheet*

Ans:D

53.In MODEMS:

- A.Several digital signals are multiplexed
- B.A digital signal changes some characteristics of a carrier wave*
- C.Digital signal is amplified
- D.All of the above

Ans:B

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54.FORTRAN is:

- A.File translation
- B.Format Translation
- C.Formula Translation*
- D.Floppy Translation

Ans:C

55.A device for converting handwritten impressions into coded characters and positioned coordinates for input to a computer is:

- A.Touch panel
- B.Mouse
- C.Wand
- D.Writing tablet*

Ans:D

56.A list of named integer constant that once defined can be used in the place of an integer is called a:

- A.Enumeration*
- B.Register
- C.Argument
- D.Modifier

Ans:A

57.Error detection at that link level is achieved by:

- A.Bit stuffing
- B.Hamming codes
- C.Cyclic redundancy code*

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D.Equalization

Ans:C

58.VGA is:

A.Video Graphics Array*

B.Visual Graphics Array

C.Volatile Graphics Array

D.Video Graphics Adapter

Ans:A

59.Which of the following terms refers to the degree to which data in a database system accurate and correct?

A.Data security

B.Data validity

C.Data independence

D.Data integrity*

Ans:D

60.Which of the following file name extension suggests that the file is a back up copy of another file?

A.COM

B.BAK*

C.BAS

D.TXT

Ans:B

61.The EXCLUSIVE _NOR gate is equivalent to an -----gate followed by an inverter.

A.OR

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B.AND*

C.NAND

D.XOR

Ans:B

62.A compound statements does not consists of :

A.Control statements

B.Other compound statements

C.A single statement*

D.Expression statement

Ans:C

63.In OSI network architecture,the routing is performed by:

A.Network layer*

B.Data link layer

C.Session layer

D.Transport layer

Ans:A

64.With MSDOS which command will divided the surface of blank floppy disk into sectors and assign a unique address to each one?

A.FORMAT command*

B.FAT command

C.VER command

D.CHKDSK command

Ans:A

65.Non modifiable procedure are called:

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- A.Concurrent procedures
- B.Serially usable procedures
- C.Re-entrant procedures*
- D.Top down procedures

Ans:C

66.In which of storage placement strategies a program is placed in the smallest available hole in the main memory?

- A.Best fit*
- B.Worst fit
- C.First fit
- D.Buddy

Ans:A

67.Which command is used to display the top of file?

- A.Cat
- B.Head*
- C.More
- D.Grep

Ans:B

68.Errors can be found by “Outsiders”during:

- A.Structural walk through
- B.Alpha testing
- C.Beta testing*
- D.Debugger

Ans:C

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69.Data mining is:

- A.Storing data when in need
- B.Automatic extraction of patterns of information*
- C.Searching data in Internet
- D.None of the above

Ans:B

70.-----is the set programs necessary to carry out operations for a specified application?

- A.System software
- B.Operating system
- C.Application software*
- D.All of the above

Ans:C

71.First high level language:

- A.ALGOL
- B.PASCAL
- C.COBOLE
- D.BASIC*

Ans:D

72.A computer program that converts assembly language to machine language is:

- A.Compiler
- B.Interpreter
- C.Assembler*

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D.Comparator

Ans:C

73.The memory which is ultra violet erasable and electrically programmable is:

A.EPROM*

B.ROM

C.PROM

D.RAM

Ans:A

74.Which device of computer operation dispenses with the use of the keyboard?

A.Joystick

B.Mouse*

C.Light pen

D.Touch

Ans:B

75.A variable that holds the memory address of another object is called a:

A.Integer

B.Pointer*

C.Constant

D.Memory variable

Ans:B

76.A central computer surrounded by one or more satellite computers is called a:

- A.Bus network
- B.Ring network
- C.Star network*
- D.All the above

Ans:C

77.The microcomputer,Intel MCS-80 is based on the widely used Intel:

- A.8080 microprocessor*
- B.8085 microprocessor
- C.8086 microprocessor
- D.8082 microprocessor

Ans:A

78.A technique used by codes to convert as analogue signal into a digital bit stream is known as:

- A.Pulse code modulation*
- B.Pulse stretcher
- C.Query processing
- D.Queue management

Ans:A

79.The complete picture of a data stored in database is known as:

- A.Record
- B.Schema*
- C.System flow chart

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D.DBMS

Ans:B

80.Devices on one network can communicate with devices on another network via a:

A.File server

B.Printer server

C.Utility server

D.Gateway*

Ans:D

81.How many districts will be there in the proposed state of 'Telengana'?

A.15

B.13

C.12

D.10*

Ans:D

82.In which ocean,the Surgaso sea is situated?

A.Indian Ocean

B.Antartic Ocean*

C.Pacific Ocean

D.Arctic Ocean

Ans:B

83.The venue of 2014 winter Olympics:

A.Russia*

B.America

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C.Japan

D.England

Ans:A

84.The state which was firstly adopted the right to information act?

A.Gujarat

B.Kerala

C.Tamil Nadu*

D.Delhi

Ans:C

85.Which of the following social reformer of Kerala became the Minister of Thiru Kochi Mantrisabha?

A.Pandit K.P.Karuppan

B.Sahodaran K.Ayyappan*

C.Ayyankali

D.Dr.Palpu

Ans:B

86.The world's first petroleum and energy studies university was launched at:

A.Uttaranchal*

B.Uttar Pradesh

C.Jharkhand

D.Maharashtra

Ans:A

87.The term 'Tiger wood's is related to:

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A.Tennis

B.Volleyball

C.Golf*

D.Boxing

Ans:C

88.Father of Indian nuclear science:

A.Homi.J.Bhaba*

B.J.R.D.Tata

C.Dr.Raja Ramanna

D.A.P.J.Abdul Kalam

Ans:A

89.The committee appointed by British government to investigator into the Jallian Wallabagh massacre:

A.Asok Metha Committee

B.MuhiRam Saikia Committee

C.Hunter Committee*

D,Simon Commission

Ans:C

90.Lira is the coin of:

A.Germany

B.Italy*

C.France

D.Russia

Ans:B

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91.The social reformer of India who was honoured with the title Mahatma:

- A.E.V.Ramaswami Naicker
- B.Veerasingam
- C.Ishwara Chandra Vidya Sagar
- D.Jyoti Rao Phule*

Ans:D

92.'Ekisma' affected which part of our body?

- A.Brain
- B.Lungs
- C.Eye
- D.Skin*

Ans:D

93.The district which was firstly started the Akshaya project?

- A.Ernakulam
- B.Kottayam
- C.Malappuram*
- D.Thiruvananthapuram

Ans:C

94.Which Congress session decided to follow 26th January as Independent Day of India?

- A.Lahore*
- B.Lucknow
- C.Nagpur

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D.Surat

Ans:A

95.'Yugantar Ashramam is the headquarters of:

A.Indian Independence League

B.India Home Rule Society

C.Ghadar Party*

D.Abhinav Bharat Society

Ans:C

96.June 5th ,the environmental day is celebrated on the memory of the environmental summit held by UNO in:

A.1980

B.1978

C.1972*

D.1982

Ans:C

97.The first river valley project started India is:

A.Damodar Valley

B.Narmada Surovar

C.Hirakud

D.None of these

Ans:A

98.'Uber cup'is associated with:

A.Tennis

B.Hockey

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C.Cricket

D.Badminton*

Ans:D

99.Who is known as Sivayogi?

A.Ayyankali

B.Thyeand Ayyaguru*

C.Sahodaran Ayyappan

D.Sree Narayana Guru

Ans:B

100.Olympic Airways is the air service of:

A.France

B.Japan

C.Italy

D.Greece*

Ans:D