B.C.A.(First Semester) Examination, February/March-2022
BCA-101(N)
Computer Fundamental & Office Automation
(B.P. Students)

Time : 1:30 Hours   **Maximum Marks-100**

जब तक कहा न जाय, इस प्रश्नपुस्तिका को न खोलें

निर्देश : –

1. परीक्षार्थी अपने अनुक्रमांक, विषय एवं प्रश्नपुस्तिका की सीरीज का विवरण यथास्थान सही– सही भरें, अन्यथा मूल्यांकन में किसी भी प्रकार की विसंगति की दशा में उसकी जिम्मेदारी स्वयं परीक्षार्थी की होगी।

2. इस प्रश्नपुस्तिका में 100 प्रश्न हैं, जिनमे से केवल 75 प्रश्नों के उत्तर परीक्षार्थियों द्वारा दिये जाने है। प्रत्येक प्रश्न के चार वैकल्पिक उत्तर प्रश्न के नीचे दिये गये हैं। इन चारों में से केवल एक ही उत्तर सही है। जिस उत्तर को आप सही या सबसे उचित समझते हैं, अपने उत्तर पत्रक (O.M.R. ANSWER SHEET)में उसके अक्षर वाले वृत्त को काले या नीले बाल प्वांइट पेन से पूरा भर दें। यदि किसी परीक्षार्थी द्वारा निर्धारित प्रश्नों से अधिक प्रश्नों के उत्तर दिये जाते हैं तो उसके द्वारा हल किये गये प्रथमतः यथा निर्दिष्ट प्रश्नोत्तरों का ही मूल्यांकन किया जायेगा।

3. प्रत्येक प्रश्न के अंक समान हैं। आप के जितने उत्तर सही होंगे, उन्हीं के अनुसार अंक प्रदान किये जायेंगे।

4. सभी उत्तर केवल ओ०एम०आर० उत्तर पत्रक (O.M.R. ANSWER SHEET) पर ही दिये जाने हैं। उत्तर पत्रक में निर्धारित स्थान के अलावा अन्यत्र कहीं पर दिया गया उत्तर मान्य नहीं होगा।

5. ओ०एम०आर० उत्तर पत्रक (O.M.R. ANSWER SHEET) पर कुछ भी लिखने से पूर्व उसमें दिये गये सभी अनुदेशों को सावधानीपूर्वक पढ़ लिया जाय।

6. परीक्षा समाप्ति के उपरान्त परीक्षार्थी कक्ष निरीक्षक को अपनी प्रश्नपुस्तिका बुकलेट एवं ओ०एम०आर० शीट पृथक–पृथक उपलब्ध कराने के बाद ही परीक्षा कक्ष से प्रस्थान करें।

7. निगेटिव मार्किंग नहीं है।

महत्वपूर्ण :– प्रश्नपुस्तिका खोलने पर प्रथमतः जाँच कर देख लें कि प्रश्नपुस्तिका के सभी पृष्ठ भलीभाँति छपे हुए हैं। यदि प्रश्नपुस्तिका में कोई कमी हो, तो कक्ष निरीक्षक को दिखाकर उसी सीरीज की दूसरी प्रश्नपुस्तिका प्राप्त कर लें।

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1.   Which of the following is not a web browser?

(A) Internet browser

(B) Netscape communicator

(C) Netscape navigator

(D) Adobe page maker

2.   HTML means_____.

(A) Hyper text mark-up language.

(B) Hyper testing mark-up language

(C) Hardware text mark-up language

(D) Hyper testing mapping language

3.   WWW uses the following protocol?

(A) http.

(B) ftp

(C) wwwc

(D) smtp.

4.   In an e-mail address @ is used. It represents _____.

(A) domain name.

(B) senders name.

(C) recipients name.

(D) network name

5.   The segment in which business' directly sells to the end consumer is called_____.

(A) C2c.

(B) P2p.

(C) b2c.

(D) g2g.

6.   _____ monitors all the traffic that flows between the two networks but block certain traffic completely which may be an intruder.

   (A) Firewall.

   (B) Anti-virus.

   (C) Software.

   (D) hardware.

7. In internet terminologies, "IP" stands for _____.

   (A) Intranet protocol.

   (B) Internet protocol

   (C) Individual protocol

   (D) Industrial protocol

8. A _____ identifies a user's personal preferences and settings and allows the website's server to retrieve your information from its database.

   (A) Cookie.

   (B) View history

   (C) Prototype

   (D) Profile

9. A _____ is a software program used for viewing various kinds of Internet resources found on the World Wide Web.

   (A) Bookmark

   (B) Intranet

   (C) Domain

   (D) Browser

10. Trojan Horse is a _____

   (A) Accounting software

   (B) Search engine

   (C) Portal

   (D) None of these

11. A CPU contains

    (A) A card reader and a printing device.

    (B) An analytical engine and a control unit.

    (C) A control Unit and an arithmetic logic unit

    (D) An arithmetic logic unit and a card reader.

12. What type of resource is most likely to be a shared common resource in a computer Network?

    (A) Printers

    (B) Speakers

    (C) Floppy disk drives

    (D) Keyboards

13. Junk e-mail is also called

    (A) Spam

    (B) Spoof

    (C) Sniffer script

    (D) Spool

14. A computer cannot 'boot' if it does not have the

    (A) Compiler

    (B) Loader

    (C) Operating System

    (D) Assembler

15. First page of Website is termed as-

    (A) Homepage

    (B) Index

    (C) JAVA script

    (D) Bookmark

16. Where are data and programme stored when the processor uses them?

    (A) Main memory

    (B) Secondary memory

    (C) Disk memory

    (D) Programme memory

17. What characteristic of read-only memory (ROM) makes it useful?

    (A) ROM information can be easily updated.

    (B) Date in ROM is non-volatile, that is, it remains there even without electrical power.

    (C) ROM provides very large amounts of inexpensive data storage.

    (D) ROM chips are easily swapped between different brands of computers.

18. Which programming languages are classified as low level languages?

    (A) BASIC, COBOL, Frotran

    (B) Prolog

    (C) C, C++

    (D) Assembly languages

19. What does DMA stand for ?

    (A) Distinct Memory Access.

    (B) Direct Memory Access

    (C) Direct Module Access

    (D) Direct Memory Allocation

20. A normal CD-ROM usually can store up to_____data?

    (A) 680 KB

    (B) 680 Bytes

    (C) 680 MB

    (D) 680 GB

21. Which of the following is the first generation of computer?

    (A) EDSAC

    (B) IBM-1401

    (C) CDC-1604

    (D) ICL-2900

22. Microprocessors as switching devices are for which generation computers

    (A) First Generation

    (B) Second Generation

    (C) Third Generation

    (D) Fourth Generation

23. The output quality of a printer is measured by

    (A) Dot per inch

    (B) Dot per sq. inch

    (C) Dots printed per unit time

    (D) All of above

24. Who invented the high level language "C"?

    (A) Dennis M. Ritchie

    (B) Nicklaus Writhe

    (C) Seymour Papert

    (D) Donald Kunth

25. An error in software or hardware is called a bug. What is the alternative computer jargon for it?

    (A) Leech

    (B) Squid

    (C) Slug

    (D) Glitch

26. What is the name of the display feature that highlights are of the screen which requires operator attention?

    (A) Pixel

    (B) Reverse video

    (C) Touch screen

    (D) Cursor

27. A computer program that converts an entire program into machine language is called a/an.

    (A) Interpreter

    (B) Simulator

    (C) Compiler

    (D) Commander

28. A computer program that translates one program instructions at a time into machine language is called a/an

    (A) Interpreter

    (B) CPU

    (C) Compiler

    (D) Simulator

29. A small or intelligent device is so called because it contains within it a

    (A) Computer

    (B) Microcomputer

    (C) Programmable

    (D) Sensor

30. A fault in a computer program which prevents it from working correctly is known as

    (A) Boot

    (B) Bug

    (C) Biff

    (D) Strap

31. DOS stands for

(A) Disk operating System

(B) Disk operating session

(C) Digital operating system

(D) Digital open system

32. Which of the following are input devices?

(A) Keyboard

(B) Mouse

(C) Card reader

(D) Any of these

33. Examples of output devices are

(A) Screen

(B) Printer

(C) Speaker

(D) All of these

34. Which of the following is also known as brain of computer.

(A) Control unit

(B) Central Processing unit

(C) Arithmetic and language unit

(D) Monitor

35. _____ translates and executes program at run timeline by line

(A) Compiler

(B) Interpreter

(C) Linker

(D) Loader

36. 1 Byte=?

    (A) 8 bits

    (B) 4 bits

    (C) 2 bits

    (D) 9 bits

37. SMPS stands for

    (A) Switched mode power Supply

    (B) Start mode power supply

    (C) Store mode power supply

    (D) Single mode power supply

38. VDU is also called

    (A) Screen

    (B) Monitor

    (C) Both (A) & (B)

    (D) Printer

39. BIOS stands for

    (A) Basic input output system

    (B) Binary input output system

    (C) Basic input off system

    (D) All the above

40. The instructions that tell a computer how to carry out the processing tasks are referred to as computer _____

    (A) Programs

    (B) Processors

    (C) Input Devices

    (D) Memory modules

41. The decimal equivalent of binary number 0.0111 is.

    (A) 4.375

    (B) 0.4375

    (C) 0.5375

    (D) -0.4375

42. The two's complement in binary system is useful for expressing

    (A) Both positive and negative numbers

    (B) Positive numbers

    (C) Negative numbers

    (D) None of these

43. The binary number 10011101 is equal to the decimal number

    (A) 9E

    (B) 9F

    (C) 9D

    (D) FF

44. Which of the following is not a binary number?

    (A) 1111

    (B) 101

    (C) 11E

    (D) 000

45. What is an operating system?

    (A) Interface between the hardware and application programs

    (B) Collection of programs that manages hardware resources

    (C) System service provider to the application programs

    (D) All of the mentioned

46. What is the maximum length of the file name in DOS?

    (A) 4

    (B) 5

    (C) 8

    (D) 12

47. Which of the following is not an operating system?

    (A) Oracle

    (B) DOS

    (C) Windows

    (D) Linux

48. What is the mean of the Booting in the operating system?

    (A) Restarting computer

    (B) Install the program

    (C) To scan

    (D) To turn off

49. BIOS is used ?

    (A) By operating system

    (B) By compiler

    (C) By interpreter

    (D) By application software

50. Convert the binary equivalent 10101 to its decimal equivalent.

    (A) 21

    (B) 12

    (C) 22

    (D) 31

51. Which of the following computer language is written in binary codes only?

    (A) Pascal

    (B) Machine language

    (C) C

    (D) C#

52. What is the word length of a personal computer ?

    (A) 32 bits

    (B) 8 bits

    (C) 64 bits

    (D) 16 bits

53. Which of the following is not a type of computer code?

    (A) EDIC

    (B) ASCII

    (C) BCD

    (D) EBCDIC

54. Which of the following part of a processor contains the hardware necessary to perform all the operations required by a computer?

    (A) Controller

    (B) Registers

    (C) Cache

    (D) Data path

55. Which of the following is designed to control the operations of a computer?

    (A) User

    (B) Application Software

    (C) System Software

    (D) Utility Software

56. Which of the following is known as the interval between the instant a computer makes a request for the transfer of data from a disk system to the primary storage and the instance the operation is completed?

(A) Disk Utilization time

(B) Drive Utilization time

(C) Disk access time

(D) Disk arrival time

57. Which of the following service allows a user to log in to another computer some where on the Internet?

(A) e-mail

(B) UseNet

(C) Telnet

(D) FTP

58. What does SVGA stand for?

(A) Standard Visual Graphics Array

(B) Super Visual Graphics Array

(C) Standard Video Graphics Array

(D) Super Video Graphics Array

59. Which of the following is used in main memory ?

(A) SRAM

(B) DRAM

(C) PRAM

(D) DDR

60. A non-erasable disk that stores digitized audio information is_____

(A) CD

(B) CD-ROM

(C) DVD-R

(D) DVD-RW

61. The sign magnitude representation of-1 is _____

    (A) 0001

    (B) 1110

    (C) 1000

    (D) 1001

62. Number of bits in ALU is _____

    (A) 4

    (B) 8

    (C) 16

    (D) 2

63. The bitwise complement of 0 is_____

    (A) 00000001

    (B) 10000000

    (C) 11111111

    (D) 11111110

64. Perform BCD addition :2+3=_____

    (A) 0101

    (B) 0010

    (C) 0011

    (D) 1010

65. The decimal equivalent of $(0.101)_2$ will be _____

    (A) 0.5

    (B) 0.625

    (C) 0.25

    (D) 0.875

66. The signed magnitude for-3 will be _____

    (A) 00000011

    (B) 10000011

    (C) 11111101

    (D) 11111100

67. Convert $(22)_8$ into its corresponding decimal number.

(A) 18

(B) 28

(C) 81

(D) 82

68. The 2's complement of 10.11 :

(A) 10

(B) 0.010

(C) 01.01

(D) 10.01

69. Magnetic tape is type of _____ access device.

(A) Sequential

(B) Direct access

(C) Step

(D) Indirect

70. _____ is used for writing/reading of data to/from a magnetic ribbon.

(A) Magnetic disk

(B) Magnetic tape

(C) Magnetic frames

(D) Magnetic Ribbon

71. The technology used in optical disk is _____

(A) Reflective

(B) Refractive

(C) Laser Beam

(D) Diffraction

72. What does USB stand for ?

(A) Universal Signal Board

(B) Universal Signal Bus

(C) Universal Serial Bus

(D) Universal Serial Board

73. Which of the following is not a magnetic disk?

    (A) Floppy

    (B) Winchester

    (C) Zip

    (D) FLASH

74. Which of the following is a temporary output?

    (A) Hard copy

    (B) On paper

    (C) Duplicate copy

    (D) Soft copy

75. When an algorithm is written in the form of a programming language, it becomes a

    _____

    (A) Flowchart

    (B) Program

    (C) Pseudo code

    (D) Syntax

76. A box that can represent two different conditions.

    (A) Rectangle

    (B) Diamond

    (C) Circle

    (D) Parallelogram

77. A _____ is diagram that depicts the flow of a program.

    (A) Algorithm

    (B) Hash Table

    (C) Graph

    (D) Flowchart

78. The operation is represented by parallelograms.

    (A) Input/Output

    (B) Assignment

    (C) Comparison

    (D) Conditions

79. The action performed by a _____ structure must eventually cause the loop to terminate.

    (A) Sequence

    (B) Case

    (C) Repetition

    (D) Process

80. First generation computers used _____ for memory?

    (A) Vacuum tubes

    (B) Silicon chips

    (C) Magnetic drum

    (D) RAM

81. What is the function of CTRL+R in MS-Word?

    (A) Open the print dialog box

    (B) Update the current web page

    (C) Close the current window

    (D) None of these

82. In Microsoft Word Shortcut key CTRL+W is used for

    (A) Open the print dialog box

    (B) Update the current web page

    (C) Close the current window

    (D) None of these

83. Why headers and footers used in MS-Word

    (A) To enhance the overall appearance of document

    (B) To mark the starting of a page

    (C) To make large document more readable

    (D) To allow page headers and footers to appear on document when it is printed

84. On which toolbar can you find Format painter tool?

    (A) Formatting toolbar

    (B) Picture toolbar

    (C) Drawing toolbar

    (D) Standard toolbar

85. Which of the following is/are word processing software?

    (A) MS word

    (B) Easy word

    (C) WordPerfect

    (D) All of above

86. Bold, Italic, Regular are known as

    (A) Text effects

    (B) Font effects

    (C) Font styles

    (D) Word art

87. Changing the appearance of a document is called

    (A) Editing

    (B) Proofing

    (C) Formatting

    (D) All of above

88. It is possible to _____ a data source before performing a merge.

    (A) Modify

    (B) Sort

    (C) Create

    (D) All of the above

89. Portrait and Landscape are

   (A) Page orientation

   (B) Paper size

   (C) Page layout

   (D) All of above

90. _____is a spread sheet application

   (A) ms word

   (B) ms access

   (C) ms excel

   (D) All of these

91. A work book is a collection of _____used in a single file

   (A) Work sheet

   (B) Work record

   (C) Work field

   (D) Work file

92. Formulas in Excel start with

   (A) %

   (B) =

   (C) +

   (D) -

93. The cell reference for cell range of F2 to P12 is _____

   (A) f2.p12

   (B) f;p12

   (C) f2:p12

   (D) f2-p12

94. What is entered by the function = today ()

   (A) The date value for the day according to system clock

   (B) The time value according to system clock

   (C) Today's date as text format

   (D) All of above

95. Merge cells option can be applied from

   (A) Format cells dialog box alignment tab

   (B) Formatting toolbar

   (C) Both of above

   (D) None of above

96. Edit >> Delete command

   (A) Deletes the content of a cell

   (B) Deletes formats of cell

   (C) Deletes the comment of cell

   (D) Deletes selected cells

97. Power Point presentations are widely used as

   (A) Note outlines for teachers

   (B) Project presentations by students

   (C) Communication of planning

   (D) All of above

98. In a power point presentation

   (A) Sound Clips can be inserted but not movie clips

   (B) Movie clips can be inserted but not sound clips

   (C) Both cannot be inserted

   (D) Both can be inserted

99. To Start slide show of a presentation

   (A) hit f5 key

   (B) From slide show menu choose view show option

   (C) from slide show menu choose rehearse timing

   (D) Both (A) & (B)

100. The mail server as defined in the text uses the_____protocol.

   (A) http

   (B) ftp

   (C) pop

   (D) smtp

******

Rough Work / रफ कार्य

Rough Work / रफ कार्य

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2. **This Question Booklet contains 100 questions, out of which only 75 Question are to be Answered by the examinee. Every question has 4 options and only one of them is correct. The answer which seems correct to you, darken that option number in your Answer Booklet (O.M.R ANSWER SHEET) completely with black or blue ball point pen. If any examinee will mark more than one answer of a particular question, then the first most option will be considered valid.**

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4. Every answer should be marked only on Answer Booklet **(O.M.R ANSWER SHEET).**Answer marked anywhere else other than the determined place will not be considered valid.

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