

School Of Distance Education
Mahatma Gandhi University, Kottayam

FIRST YEAR

B.A ANIMATION AND GRAPHIC DESIGN

(C.B.C.S.S SYLLABUS-Off Campus Stream)

OBJECTIVE TYPE QUESTIONS AND ANSWERS

COMPUTER FUNDAMENTALS

(From First year Syllabus)

COMPUTER FUNDAMENTALS

1. Which of the following were the contribution of John Presper Eckert and John W. Mauchly?
 - a. UNIVAC
 - b. ENIAC
 - c. EDVAC
 - d. Mark1

2. Which one of the following had design that remained central to computer engineering for next 40 years?
 - a. UNIVAC
 - b. ENIAC
 - c. EDVAC
 - d. Colossus

3. Who developed Intergrated Circuits?
 - a. John Von Meumann
 - b. Jack Kilby
 - c. Jim Berners Lee
 - d. Remington Rand

4. Who introduced and marketed commercialised microcomputers?
 - a. IBM
 - b. APPLE
 - c. HP
 - d. None of the above

5. Which one of the following is known as Mid Range computers?
 - a. Workstation
 - b. Microcomputers
 - c. PersonalComputers

d. Mini Computers

6. Which components invention led to the second generation of computers?

- a. Intergrated Circuits
- b. Transistors
- c. VacuumTube
- d. None of the Above

7. Which one of the following is related to 4th generation computers?

- a. superconductors
- b. Assembly Language
- c. Intel4004
- d. IC

8. How many characters can be coded in ASCII?

- a. 7
- b. 128
- c. 256
- d. None of the above

9. Decimal equivalent for binary number 111111 is

- a. 25
- b. 40
- c. 65
- d. None of the above

10. Which of the following is the characteristics of a computer?

- a. word length
- b. Accuracy
- c. Speed

d. All of the above

11. Which one of the following is machine independent?

- a. Machine Language
- b. Assembly Language
- c. High level Language
- d. All of the above

12. Fifth Generation languages is also known as

- a. Machine Language
- b. Assembly Language
- c. Natural Language
- d. None of the above

13. Which of the following is not a procedural language

- a. COBOL
- b. Pascal
- c. LISP
- d. FORTRAN

14. MANTIS is an

- a. Application Generator
- b. Report Generator
- c. Personal Computer application software
- d. None of the above

15. Which one of the following is a natural language?

- a. BASIC
- b. LISP
- c. TELON
- d. None of the above

16. Which one of the following is a function of telecommunication software?

- a. modulation
- b. Demodulation
- c. Access control
- d. None of the above

17. In which network the ends are not connected?

- a. Bus
- b. Star
- c. Ring
- d. None of the Above

18. How many channels a half inch diameter fibreoptic cable can carry?

- a. 500
- b. 5500
- c. 50000
- d. None of the above

19. Which one of the following is a network protocol?

- a. TCP/IP
- b. SPX/IPX
- c. NetBios
- d. all of the above

20. Which one of the following is the oldest and most common transmission line?

- a. Twisted pair
- b. Coaxial cable
- c. Fibre optic cable
- d. None of the above

21. Which part is called the brain of the computer?

- a. hard disk
- b. CPU
- c. ALU
- d. Memory

22. 1giga byte s

- a. 1024 bytes
- b. 1024 kb
- c. 1024 mb
- d. none of the above

23. RAM

- a. Raid Applicable Memory
- b. Random Access Memory
- c. Radio Activated Memory
- d. None of the Above

24. Which of the following is not an output device

- a. Trackball
- b. monitor
- c. Printer
- d. Speaker

25. Cray Y-MP/C90 is a

- a. Microcomputer
- b. Minicomputer
- c. Mainframe
- d. Supercomputer

26. which of the following is a portable computer?

- a. laptop

- b. subnotebooks
- c. PDA
- d. All of the above

27. IBM S/390 is

- a. Microcomputer
- b. Minicomputer
- c. Mainframe
- d. Supercomputer

28. which one of the following is not a category of microcomputers

- a. workstations
- b. Desktop
- c. notebook
- d. None of the above

29. sun Blade 2000 is a

- a. Desktop
- b. Workstation
- c. supercomputer
- d. None of the above

30. DDP stands for

- a. Direct Database Processing
- b. Distributed Data Processing
- c. Distributed Database Protection
- d. Direct Data Processing

31. which of these work well in DDP?

- a. Minicomputers
- b. Mainframes
- c. Workstation
- d. portable computers

32. which one of the following is a Mainframe?

- a. SunBlade 2000
- b. IBM Z800
- c. Cray Y-MP
- d. all of the above

33. the complex procedure that converts raw data into usefull information

- a. parsing
- b. powering
- c. processing
- d. none of the above

34. the circuit board to which a microprocessor is attached is

- a. breadboard
- b. perfboard
- c. motherboard
- d. none of the above

35. which one of the following is not a secondary storage device

- a. magnetic tape
- b. magneto optical disk
- c. zip disk
- d. None of the above

36. the chip used in IBM PC XT is

- a. 8088
- b. 8086
- c. Pentium
- d. none of the above

37. which one of these belong to Power PC family?

- a. Pentium
- b. 8086
- c. 603
- d. None of the above

38. Power Mac personal computers are built on

- a. Intel
- b. Motorola
- c. G3
- d. none of the above

39. which of the following belongs to 80x86 line

- a. 68000
- b. 603
- c. 80286
- d. None of the above

40. access time is also known as

- a. memory cycle time
- b. effective access time
- c. latency
- d. none of the above

41. the performance of heirarchical memory is defined by

- a. response time

- b. effective access time
- c. memory cycle time
- d. none of the above

42. The memory closest to the processor is known as

- a. page
- b. RAM
- c. cache
- d. none of the above

43. Memories are characterised by

- a. function
- b. capacity
- c. response times
- d. all of the above

44. The minimum period between two successive requests is

- a. response time
- b. effective access time
- c. memory cycle time
- d. none of the above

45. The unit of information transferred between items in memory hierarchy is

- a. bit
- b. cache
- c. block
- d. none of the above

46. Burning the PROM means

- a. erasing the PROM
- b. programming the PROM

- c. reading the PROM
- d. none of the above

47. which of the following is called hyper page mode DRAM?

- a. EDODRAM
- b. BEDODRAM
- c. FPMDRAM
- d. None of the Above

48. which one of the following run synchronously to the system clock?

- a. DRAM
- b. FPMDRAM
- c. SDRAM
- d. none of the above

49. which one of the following can be erased using UV light?

- a. EPROM
- b. PROM
- c. EEPROM
- d. None of the above

50. which one of the following can be erased using electricity

- a. EPROM
- b. PROM
- c. EEPROM
- d. None of the above

51. which one of the following is not a flexible disk?

- a. floppy disk
- b. zipdisk
- c. superdisk

d. winchester disk

52.DDS stands for

- a. Discrete Data Systems
- b. Direct Data Storage
- c. Digital Data Storage
- d. None of the Above

53.Which company defined DDS standard?

- a. 3M and sun
- b. Sony and 3M
- c. Sony and HP
- d. None of the above

54.Magnetic Disks are often called

- a. DDS
- b. DASD
- c. DAT
- d. None of the above

55.QIC was introduced by the

- a. sony
- b. HP
- c. Seagate
- d. 3M

56.which one of the following is an optical disk?

- a. CD
- b. DVD
- c. WORM
- d. All of the above

57.Storage medium from which the data is read and to which it is written using laser

- a. magnetic disk
- b. zip disk
- c. floppy disk
- d. optical disk

58.The capacity of a super disk is

- a. 120mb
- b. 32mb
- c. 700mb
- d. None of the above

59. The time it takes an access arm to get into position over a particular track

- a. Data transfer time
- b. rotational delay time
- c. head switching time
- d. None of the above

60.The time it takes for the particular record to be positioned under the read/write Head

- a. Data transfer time
- b. rotational delay time
- c. seek time
- d. Head switching time

61.what refers to sets of electronic instructions that tell the hardware what to do

- a. hardware
- b. software
- c. data
- d. users

62.The technology used in watches and calculators

- a. LCD
- b. CRT
- c. LED
- d. none of the above

63.VGA stands for

- a. Video Graphics Accelerator
- b. Video generator Adapter
- c. Video Graphics Array
- d. None of the above

64.which one of the following is not a characteristics of a monitor

- a. resolution
- b. convergence
- c. Bandwidth
- d. None of the above

65.Monochrome monitors display ____ colours

- a. 1
- b. 2
- c. 3
- d. None of the above

66.Pixel is a short form for

- a. picture cell
- b. picture element
- c. picture electric
- d. none of the above

67. _____ is a single point in graphics image

- a. trackpoint

- b. cell
- c. pixel
- d. none of the above

68. an 8bit colour monitor can display _____ colours

- a. 128
- b. 32
- c. 256
- d. 1024

69. true colour monitors use _____ bits per pixel

- a. 24
- b. 32
- c. 128
- d. none of the above

70. _____ refers to how sharply an individual colour pixel on a monitor appears

- a. Resolution
- b. dot-pitch
- c. convergence
- d. none of the above

71. VGA was developed by

- a. Sun
- b. Apple
- c. HP
- d. None of the above

72. _____ is the amount of data that can be transmitted in a fixed amount of time

- a. convergence
- b. Resolution

- c. Bandwidth
- d. none of the above

73. which one of the following video standards is not introduced by IBM

- a. 8514/A
- b. XGA
- c. VGA
- d. None of the above

74. which one of the following printers cannot produce letter-quality type?

- a. daisy wheel
- b. inkjet
- c. laser printers
- d. dot matrix

75. which one of the following is not an impact printer?

- a. Daisy wheel
- b. dotmatrix
- c. laser printers
- d. line printers

76. laser Printer is also known as

- a. Thermal printers
- b. page printers
- c. impact printers
- d. all of the above

77. PCL stands for

- a. Printer Control Language
- b. Pulse Coded language

- c. Portable Control Language
- d. None of the above

78. Plotters differ from printer in that they draw lines using a

- a. laser
- b. pen
- c. daisy wheel
- d. cartridge

79. _____ is an expansion board that enables a computer to manipulate and output sounds

- a. motherboard
- b. soundcard
- c. PCI
- d. none of the above

80. which one of the following monitors has unlimited viewing angles?

- a.
- b. LCD
- c. TFT
- d. CRT
- e. None of the above

81. the number of electron guns in a colour CRT monitors is

- a. 2
- b. 3
- c. 4
- d. 1

82. which of the following is an operating system?

- a. DOS

- b.OS/2
- c.unix
- d.All of the above

83.which of the following is a database management system?

- a. MS Word
- b. Lotus 1-2-3
- c. Oracle
- d. None of the above

84.which of the following is a spreadsheet?

- a. MS Excel
- b. MS PowerPoint
- c. MS Word
- d. None of the above

85.which of the following is a word processor?

- a. MS Word
- b. WordStar
- c. WordPerfect
- d. All of the above

86.Program that converts a sourcecode into an object code

- a. Operating Systems
- b. Compilers
- c. Spreadsheet
- d. None of the above

87.Program that analyses and execute each line of the source code in succession

- a. compiler
- b. Spreadsheet

- c. interpretor
- d. all of the above

88. which of the following is a systems software

- a. word processor
- b. debugger
- c. Spreadsheet
- d. All of the above

89. which of the following is a presentation graphics software

- a. lotus freelance Graphics
- b. AmiPro
- c. Xenix
- d. All of the above

90. SQL stands for

- a. standard Query Language
- b. Sequential Query Language
- c. Structured Query Language
- d. None of the above

91. which of the following is the most important program in a computer

- a. word processor
- b. Spreadsheet
- c. presentation Graphics
- d. None of the above

92. Primary purpose of operating sytem

- a. Productivity Maximisation
- b. coding

- c. Maintainence
- d. testing

93.MVS stands for

- a. Many Very Large System
- b. Multi value system
- c. Multiple Vitual Storage
- d. None of the above

94.which of the following is a multiuser operating system?

- a. DOS
- b. MVS
- c. Unix
- d. All of the above

95.DOS stands for

- a. Disk operating system
- b. Dirty Old syatem
- c. dynamic Operating System
- d. None of the above

96.Which of the following is a multi processing system?

- a. MVS
- b. UNIX
- c. OS/2
- d. All of the above

97. Which of the following operatiing system allows multi tasking?

- a. OS/2
- b. Windows
- c. Amiga

d. All of the above

98. which of the following is not a real time operating system?

a. BLMX

b. CCP

c. CTOS

d. DOS

99. _____ is a program informing a program an event has occurred

a. virus

b. compiler

c. Interrupt

d. None of the above

100. PCs support _____ types of software interrupts

a. 128

b. 256

c. 32

d. None of the above

101. which of the following is an example of system software?

a. word processors

b. spread sheets

c. games

d. none of the above

102. which spread sheet package was later sold to Lotus Development Corp.?

a. Corel Quattro Pro

b. Open Office Calc

c. Visicalc

d. all of the above

103. Which one of the following is a characteristic of a spreadsheet application?

- a. Data forms
- b. presentation
- c. data retrieval
- d. all of the above

104. _____ includes the operating system and all the utilities that enable the computer to function

- a. application software
- b. presentation software
- c. system software
- d. none of the above

105. The world wide web is made of documents created with language called

- a. HTML
- b. URL
- c. HTTL
- d. HTRL

106. To access and display documents on the web you must have a communication standard called

- a. HTTP
- b. URL
- c. DNS
- d. HTML

107. The standard that allows you to enter the name and location of information and the method for transporting the information over the internet

- a. HTTP
- b. URL
- c. DNS
- d. HTML

108. As you scroll through a webpage it is likely you will see some underlined text or text in different

colour. These represent

- a. Bookmark
- b. Hypertext links
- c. FTP
- d. Graphic Images

109. The major categories for toplevel domain are

- a. com
- b. edu
- c. gov
- d. all of the above

110. what defines the different aspects of web page including heading levels, bold italics, images, paragraph

- a. HTML
- b. HTTL
- c. HTRL
- d. HTPL

111. the process of visiting websites on internet hosted by various companies, organisations etc is called

- a. Navigation
- b. Browsing
- c. Patrolling
- d. None of the above

112. which of the following is a search engine?

- a. Alta Vista
- b. Excite
- c. Lycos
- d. All of the Above

113. which is the tool that provides a single interface that enables users to search many different search

engines, indexes, databases simultaneously?

- a. Web Index
- b. Search engines
- c. Meta Search engines
- d. None of the above

114. one way of protecting the email message is

- a. caching
- b. encryption
- c. mirroring
- d. shadowing

115. the feature of an email program which allows you to store the information about the people with whom you correspond is?

- a. Index
- b. folders
- c. address book
- d. None of the above

116. The default priority of an e-mail message is

- a. High
- b. low
- c. normal
- d. none

117. which of the following is a telecommunication processor

- a. Modem
- b. Multiplexer
- c. Concentrator
- d. All of the above

118. which of the following is a function a telecommunication software

- a. Modulation
- b. Demodulation
- c. Access control
- d. All of the above

119.WAN stands for

- a. Wire and Network
- b. Wire Accessible Network
- c. Widely Accessible Network
- d. Wide Area Network

120.LSI stans for

- a. light sensitive instrument
- b. Large Scale Integration
- c. Logical Sample Integration
- d. None of the above

121.the first general purpose computer was

- a. Mark1
- b. ENIAC
- c. IBN 132
- d. Apple II

122.the two types of RAM are

- a. Volatile and Non-Volatile
- b. Erasable and programmable
- c. Static and Dynamic
- d. None of the above

123.which of the following loses its contents when the computer is turned off?

- a. RAM

- b. ROM
- c. PROM
- d. None of the above

124. which is the memory chip that is programmed during the manufacturing process

- a. ROM
- b. RAM
- c. PROM
- d. EEPROM

125. the two types of auxiliary storage devices are

- a. Random and sequential access
- b. MDIA and MIDI
- c. VGA and SVGA
- d. none of the above

126. which of the following is a sequential access drive?

- a. Hard Disk
- b. Floppy Disk
- c. Magnetic Tape
- d. All of the above

127. WORM stands for

- a. Write -On- Reusable Media
- b. Write Once Read Many
- c. Write On Random Media
- d. None of the above

128. which of the following is the slowest in accessing data?

- a. Zip Disk

- b. Hard Disk
- c. Magnetic Tape
- d. Floppy Disk

129. which is the reusable optical disk?

- a. CD-ROM
- b. CD-R
- c. WORM
- d. CD-RW

130. which of the following is not an sequential-access device?

- a. CD-ROM
- b. DAT
- c. 8-mm Helical scan
- d. Magnetic tape

131. the mouse which needs a special mouse pad is

- a. mechanical
- b. optical
- c. optomechanical
- d. none of the above

132. which is the technology that is used as a direct entry method in banks?

- a. OCR
- b. OMR
- c. MICR
- d. MCR

133. Which is the technology used in the evaluation of aptitude test

- a. OCR
- b. OMR

- c. MICR
- d. MCR

134. an input device used widely on supermarkets

- a. Keyboard
- b. Mouse
- c. Trackball
- d. Bar code reader

135. Touch sensitive pad used as a pointing device in portable computers?

- a. touch pad
- b. mouse pad
- c. touch screen
- d. none of the above

136. Display technique that enables a monitor to provide more resolution inexpensively

- a. Tuning
- b. refreshing
- c. interlacing
- d. none of the above

137. _____ is a program created in human-readable format

- a. source code
- b. Object code
- c. Binary code
- d. none of the above

138. Which of the following is a basic feature of a word processor?

- a. Insert Text
- b. Print

- c. Wordwrap
- d. All of the above

139. which of the following is an advanced feature of word processor

- a. font specification
- b. Search and replace
- c. Print
- d. None of the above

140. which of the following is represented by a series of 1s and 0s?

- a. Machine Level Language
- b. High Level Language
- c. Assembly Language
- d. None of the above

141. text based browser

- a. internet explorer
- b. safari
- c. lynx
- d. none of the above

142. www is the brain child of

- a. tim berners lee
- b. Remington Rand
- c. jack kilby
- d. none of the above

143. requirements of dial up connection

- a. modem
- b. telephone connection

- c. account with internet access provider
- d. all of the above

144. equipment that allows single phone connection for both adsl and voice calls

- a. splitter
- b. modem
- c. multiplexer
- d. none of the above

145. which one of the following is not a internet protocol?

- a. TCP/IP
- b. FTP
- c. Gopher
- d. ISP

146. SLIP is used in

- a. DSL
- b. ISDN
- c. DialUp
- d. all of the above

147. which one of the foloowing identifies a particular internet resource?

- a. DSL
- b. HTML
- c. URL
- d. none of the above

148. which one of the following is the correct order of hierarchy for a URL

- a. protocol-server name-domain name-toplevel doman name
- b. server name-domain name-toplevel domain name-protocol
- c. protocol-servername-toplevel domain name-domain name
- d. none of the above

149. which of the following is a interpreted language

- a. COBOL
- b. C
- c. C++
- d. BASIC

150. which one of the following is not a modifier key

- a. shift
- b. alt
- c. insert
- d. ctrl

151. which one of the following was included in modern IBM compatible keyboards?

- a. Insert
- b. Start
- c. delete
- d. Print Screen

152. mouse was pioneered by

- a. Xerox
- b. Hewlett-Packard
- c. Apple
- d. None of the above

153. mouse was invented by

- a. jack kilby
- b. thomas watson
- c. Douglas Engelbart
- d. none of the above

154. which is considered to be the next generation of OMR

- a. OCR
- b. ICR
- c. MICR
- d. None of the above

155. which one of the following monitors has an electron gun

- a. plasma
- b. LED
- c. CRT
- d. None of the above

156. which of the following are basic categories of mouse

- a. mechanical
- b. Laser
- c. Optical
- d. All of the above

157. which one of the following is a digital modulation technique

- a. frequency shift keying
- b. amplitude shift keying
- c. on-off keying

- d. all of the above

158. what are the components of a computer hardware

- a. hardware
- b. software
- c. data
- d. all of the above

159. which one of these consist of interconnected electronic devices that control everything that computer does?

- a. Hardware
- b. software
- c. data
- d. users

160. which one of the following is the first spreadsheet application?

- a. Visicalc
- b. Corel Quattro Pro
- c. Microsoft Excel
- d. none of the above

ANSWER KEY

1. b
2. c
3. b
4. a
5. d
6. b
7. c
8. b
9. d
10. d
11. c
12. c
13. c
14. a
15. b
16. c
17. a
18. c
19. d
20. a
21. b
22. c
23. b
24. a

25. d

26. d

27. c

28. d

29. b

30. b

31. a

32. b

33. c

34. c

35. d

36. b

37. c

38. c

39. c

40. c

41. b

42. c

43. d

44. c

45. c

46. b

47. a

48. c

49. a

50. c

51. d

52. c

53. c

54. b

55. d

56. d

57. d

58. a

59. d

60. b

61. b

62. a

63. c

64. d

65. b

66. b

67. c

68. c

69. a

70. c

71. d

72. c

73. d

74. d

75. c

76. b

77. a

78. b

79. b

80. c

81. b

82. d

83. c

84. a

85. d

86. b

87. c

88. b

89. a

90. c

91. d

92. a

93. d

94. a

95. a

96. d

97. d

98. d

99. c

100. b

101. d

102. c

103.d

104.c

105.a

106.d

107.b

108.b

109.d

110.a

111.b

112.a

113.b

114.b

115.c

116.c

117.d

118.c

119.d

120.b

121.b

122.c

123.a

124.a

125.a

126.c

127.b

128.c

129.d

130.a

131.b

132.c

133.b

134.d

135.a

136.c

137.a

138.d

139.a

140.a

141.c

142.a

143.d

144.a

145.d

146.c

147.c

148.a

149.d

150.c

151.b

152.a

153.c

154.b

155.c

156.d

157.d

158.d

159. a

160.a