

SECTION-01 - BE-01

BASICS OF SCIENCE AND ENGINEERING

PHYSICS

1. Units and Measurements
2. Classical Mechanics
3. Electric Current
4. Heat and Thermometry
5. Wave Motion, Optics and Acoustics

CHEMISTRY

6. Chemical Reactions and Equations
7. Acids, Bases and Salts
8. Metals and Non-Metals

COMPUTER PRACTICE

9. Computer Practice

ENVIRONMENT SCIENCES

10. Environmental Sciences

9. Computer Practice

Note : In each question the option in BOLD TYPE is the answer for that question.

9.1 Computer Basic

1. Which of the following languages is more suited to a structured program ?
(a) PL/I (b) **FORTRAN**
(c) BASIC (d) PASCAL
2. Logarithm was invented by
(a) Blaise Pascal (b) Edmund Gunter
(c) **John Napier** (d) Charles Babbage
3. A computer assisted method for the recording and analyzing of existing or hypothetical systems is
(a) Data capture (b) Data processing
(c) **Data flow** (d) Data transmission
4. Slide rule was invented by
(a) John Napier (b) Charles Babbage
(c) Blaise Pascal (d) **Edmund Gunter**
5. Mechanical calculator was invented by
(a) **Blaise Pascal** (b) Edmund Gunter
(c) John Napier (d) Charles Babbage
6. The brain of any computer system is
(a) ALU (b) **CPU**
(c) Memory (d) Control unit
7. First general purpose computer was invented by
(a) John Napier (b) **Charles Babbage**
(c) Blaise Pascal (d) Edmund Gunter
8. Personal computer is otherwise called
(a) desktop (b) micro-computer
(c) **both a & b** (d) neither a nor b
9. The first computer was invented by Charles Babbage was called
(a) slide rule (b) calculator
(c) **ENIAC** (d) **difference engine**
10. Which of the following computer language is used for artificial intelligence ?
(a) COBOL (b) C
(c) FORTRAN (d) **PROLOG**
11. Which part interprets program instructions and initiate control operations ?
(a) Input (b) **Control unit**
(c) Storage unit (d) Logic unit
12. The binary system uses powers of
(a) 2 (b) 10
(c) 8 (d) 16
13. A computer program that converts assembly language to machine language is
(a) Compiler (b) Comparator
(c) Interpreter (d) **Assembler**
14. Which device of computer operation dispenses with the use of the keyboard ?
(a) Joystick (b) Light pen
(c) Touch (d) **Mouse**
15. Chief component of first generation computer was...
(a) Transistors
(b) **Vacuum Tubes and Valves**
(c) Integrated Circuits
(d) Register
16. Magnetic disks are the most popular medium for ...
(a) Direct access (b) Sequential access
(c) Indirect access (d) **None of the above**
17. When was vacuum tube invented ?
(a) 1900 (b) **1906**
(c) 1910 (d) 1919
18. The time required for the fetching and execution of one simple machine instruction is ?
(a) Delay time (b) **CPU cycle**
(c) Seek time (d) Real time
19. Which access method is used for obtaining a record from a cassette tape ?
(a) **Sequential** (b) Random
(c) Direct (d) All of the above
20. Which of the following produces the best quality graphics reproduction ?
(a) Laser printer (b) Ink Jet printer
(c) Plotter (d) **Dot matrix printer**

21. A name applied by Intel corp. to high speed MOS technology is called
(a) HDLC (b) HMOS
(c) LAP (d) SDLC
22. The list of coded instructions is called
(a) **Computer program** (b) Algorithm
(c) Utility programs (d) Flowchart
23. The digital computer was developed primarily in ...
(a) India (b) **USA**
(c) UK (d) Japan
24. The arranging of data in a logical sequence is called...
(a) **Sorting** (b) Classifying
(c) Reproducing (d) Summarizing
25. Theoretical definition of a general purpose computer was provided by
(a) Edmund Gunter (b) John Napier
(c) Blaise Pascal (d) **Allen Turing**
26. The section of the CPU that selects, interprets and sees to the execution of program instructions
(a) **Control unit** (b) ALU
(c) Register unit (d) Memory
27. Data division is the third division of a program.
(a) PASCAL (b) FORTH
(c) BASIC (d) **COBOL**
28. ABACUS was the first
(a) electronic computer
(b) mechanical computer
(c) electronic calculator
(d) **mechanical calculator**
29. A set of flip flops integrated together is called....
(a) Counter (b) Adder
(c) **Register** (d) Circuit
30. First generation computer (ENIAC) was designed and fabricated by
(a) **J.P. Eckert & J.W. Mauchy**
(b) Edmund Gunter
(c) Blaise Pascal
(d) John Napier
31. First generation computer (ENIAC) was designed and fabricated in which university
(a) University of California, Berkeley, USA
(b) University College, London
(c) **University of Pensylvania, USA**
(d) Cambridge University, UK
32. The first generation computer was called
(a) slide rule (b) Colossus
(c) logarithm (d) **ENIAC**
33. First generation computer (ENIAC) was created in the year
(a) 1965 (b) 1959
(c) **1945** (d) 1971
34. A single packet on a data link is known as
(a) Path (b) **Frame**
(c) Block (d) Group
35. Instructions and memory address are represented by
(a) character code (b) **binary codes**
(c) Binary word (d) Parity bit
36. Which is used for manufacturing chips ?
(a) Bus (b) Control Unit
(c) **Semiconductors** (d) (a) and (b) only
37. First generation computer (ENIAC) used technology for processing data.
(a) transistor
(b) Integrated Circuit
(c) Very Large Scale Integration
(d) **vacuum tube**
38. A common boundary between two systems is called
(a) Interdiction (b) **Interface**
(c) Surface (d) Interactive
39. The examination and changing of single bits or small groups of his within a word is called
(a) Bit (b) Byte
(c) **Bit manipulation** (d) Bit slice
40. Which computer has been designed to be as compact as possible ?
(a) Mini (b) Super computer
(c) **Micro computer** (d) Mainframe
41. An optical input device that interprets pencil marks on paper media is .
(a) Optical scanners (b) **O.M.R**
(c) Punch card reader (d) Magnetic tape
42. The first computer introduced in Nepal was...
(a) IBM 1400 (b) **IBM 1401**
(c) IBM 1402 (d) IBM 1403
43. Instruction in computer languages consists of
(a) OPERAND (b) OPCODE
(c) Variable (d) **both (a) and (b)**

44. First generation computer (ENIAC) used for output.
 (a) punched card (b) magnetic tape
 (c) paper tape (d) all of them
45. First generation computer (ENIAC) used more than kw of electric power.
 (a) 200 (b) 1000
 (c) 5000 (d) 2000
46. Which method is used to connect a remote computer ?
 (a) Device (b) Dialup
 (c) Diagnostic (d) Logic circuit
47. Mnemonic a memory trick is used in which of the following language ?
 (a) High level language (b) Assembly language
 (c) Machine language (d) Low level language
48. Which was the most popular first generation computer ?
 (a) IBM 1650 (b) IBM 360
 (c) IBM1130 (d) IBM 2700
49. language was used to program first generation computer.
 (a) C (b) ASP.NET
 (c) C++ (d) machine language
50. Second generation computer was created in the year
 (a) 1945 (b) 1959
 (c) 1955 (d) 1931
51. The symbols used in an assembly language are
 (a) Assembler (b) Mnemonics
 (c) Codes (d) All of the above
52. Which language was devised by Dr. Seymour Aubrey Papert ?
 (a) APL (b) FORTRAN
 (c) COBOL (d) LOGO
53. Each set of Napier's consisted of rods.
 (a) 5 (b) 11
 (c) 9 (d) 14
54. When was the world's first laptop computer introduced in the market and by whom ?
 (a) Hewlett-Packard, 1980
 (b) Tandy Model-200, 1985
 (c) Epson, 1981
 (d) IBM laptop, 1981
55. Full name of BCD is
 (a) Bit Coded Decimal
 (b) Binary Coded Decimal
 (c) Binary Coded Digit
 (d) Bit Coded Data
56. The microcomputer, Intel MCS-80 is based on the widely used Intel
 (a) 8080 microprocessor
 (b) 8085 microprocessor
 (c) 8082 microprocessor
 (d) 8086 microprocessor
57. Properly arranged data is called
 (a) Field (b) Words
 (c) Information (d) File
58. An integrated circuit is
 (a) Fabricated on a tiny silicon chip
 (b) A complicated circuit
 (c) An integrating device
 (d) Integrated chip
59. The 2's complement of a binary no. is obtained by adding.....to its 1's complement.
 (a) 0 (b) 1
 (c) 10 (d) 12
60. A computer consist of
 (a) CPU
 (b) Memory unit
 (c) Input and Output Unit
 (d) All of the above
61. Which of the following is used as a primary storage device ?
 (a) Magnetic drum (b) Hard disk
 (c) Floppy (d) CD/DVD
62. A program that is employed in the development, repair or enhancement of other programs is known as
 (a) Software tool (b) Applications program
 (c) System software (d) Utility program
63. When was Pascaline invented ?
 (a) 1642 (b) 1617
 (c) 1627 (d) 1672
64. Which is a non-standard version of a computing language ?
 (a) PROLOG (b) PL/I
 (c) APL (d) Army

65. A compiler is a translating program which
(a) Translates instruction of a high level language into machine language
(b) Translates entire source program into machine language program
(c) it is not involved in program's execution
(d) **All of the above**
66. A byte consist of
(a) 4 bits (b) **8 bits**
(c) One bit (d) 16 bits
67. ASCII stands for
(a) American Scientific code for information interchange
(b) American security code for information interchange
(c) All purpose scientific code for information interchange
(d) **American standard code for information interchange**
68. The term gigabyte refers to
(a) 1024 bytes (b) 1024 kilobytes
(c) **1024 megabytes** (d) 1024 gigabytes
69. Which of the following is still useful for adding numbers ?
(a) EDSAC (b) **Abacus**
(c) UNIVAC (d) ENIAC
70. A device designed to read information encoded into a small plastic card is
(a) Magnetic tape (b) **Badge reader**
(c) Tape puncher (d) Card puncher
71. A half byte consist of
(a) **4 bits** (b) 8 bits
(c) One bit (d) 16 bits
72. Programs designed to perform specific tasks is known as
(a) System Software (b) **Application Software**
(c) Utility Programs (d) Operating System
73. Second generation computer used for output.
(a) magnetic tape (b) magnetic disk
(c) **both a & b** (d) neither a nor b
74. Any storage device added to a computer beyond the immediately usable main storage is known as
(a) Hard disk (b) Punched card
(c) Floppy disk (d) **Backing store**
75. Which of the following is not anti-viruses software ?
(a) NAV (b) McAfee
(c) F-Prot (d) **Oracle**
76. Computers are also called personal computers.
(a) Mainframe Computer (b) Mini Computer
(c) **Micro Computer** (d) Super Computer
77. Third generation computer was created in the year
(a) 1945 (b) 1959
(c) 1955 (d) **1965**
78. Third generation computer used technology for processing data.
(a) transistor
(b) Very Large Scale Integration
(c) vacuum tube
(d) **Integrated Circuit**
79. Third generation computer used for input.
(a) magnetic disk (b) keyboard
(c) magnetic tape (d) **all of them**
80. language was used to program third generation computer.
(a) FORTRAN-II to IV (b) BASIC,PASCAL
(c) ALGOL-60 (d) **all of them**
81. Third generation computer used for output.
(a) magnetic disk (b) **monitor**
(c) magnetic tape (d) all of them
82. Which output device is used for translating information from a computer into pictorial form on paper ?
(a) Mouse (b) **Plotter**
(c) Touch panel (d) None of the above
83. Which of the following is not input device ?
(a) scanner (b) **plotter**
(c) digitizer (d) None of the above
84. Any device that performs signal conversion is
(a) **Modulator** (b) Keyboard
(c) Plotter (d) Modem
85. Which one is the largest space ?
(a) gigabyte (b) terabyte
(c) **petabyte** (d) kilobyte
86. The BIOS is the abbreviation of
(a) Best input output system
(b) **Basic input output system**
(c) Basic input output symbol
(d) None of the above

87. UNIVAC is
 (a) Universal automatic Computer
 (b) Universal Array Computer
 (c) Unique Automatic Computer
 (d) None of the above
88. Floppy disks typically in diameter
 (a) 3" (b) 8"
 (c) 5.25" (d) All of the above
89. The basic operations performed by a computer are...
 (a) arithmetic operation (b) logical operation
 (c) storage and relative (d) All the above
90. A program that converts computer data into some code system other than the normal one is known as
 (a) Emulator (b) Encoder
 (c) Coding (d) Simulation
91. In a computer is capable to store single binary bit.
 (a) Flip Flop (b) Register
 (c) Capacitor (d) Memory
92. DMA stand for ?
 (a) Direct Memory Access
 (b) Direct Module Access
 (c) Direct Memory Allocation
 (d) Direct Module Allocation
93. The two kinds of main memory are :
 (a) Primary and Secondary
 (b) Random and Sequential
 (c) ROM and RAM
 (d) All the above
94. Which of the following IC was used in thirs generation of computers ?
 (a) SSI (b) MSI
 (c) LSI (d) both (a) and (b)
95. Which is the largest computer ?
 (a) Mainframe Computer
 (b) Mini Computer
 (c) Micro Computer
 (d) Super Computer
96. Which of the following are the best units of data on an external storage device ?
 (a) Bits (b) Bytes
 (c) Hertz (d) Clock cycles
97. language was created during the advent of fourth generation computers.
 (a) C++ (b) C
 (c) both a & b (d) neither a nor b
98. In fourth generation computers, were used for secondary storage of data.
 (a) oppy disk (b) hard disk
 (c) tape drive (d) all of them
99. Which type of computers uses the 8-bit code called EBCDIC ?
 (a) Minicomputers
 (b) Microcomputers
 (c) Mainframe Computers
 (d) Super Computer
100. One millisecond is
 (a) 1 second (b) 10th of a seconds
 (c) 1000th of a seconds (d) 10000th of a seconds
101. The personal computer industry was started by
 (a) IBM (b) Apple
 (c) Microsoft (d) Intel
102. Which is the highest form ?
 (a) Data (b) Knowledge
 (c) Information (d) Database
103. CRT stands for
 (a) Cadmium Ray Tube (b) Cathode Ray Twist
 (c) Cathode Ray Tube (d) Cathode Rim Tube
104. Full name of LCD
 (a) Liquid Crystal Display
 (b) Liquid Crystal Dialog
 (c) Linear Crystal Display
 (d) Liquid Canister Display
105. Full name of LED
 (a) Linear Emitting Diode
 (b) Light Emitting Display
 (c) Liquid Emitting Diode
 (d) Light Emitting Diode
106. Plasma monitor is suitable for
 (a) display of mobile phone
 (b) small displays
 (c) large displays (> 32")
 (d) display of watches

107. Full name of TFT
(a) **Tiny Film Transistor**
(b) Thin Film Transmission
(c) Thin Floppy Transistor
(d) Thin Film Transistor
108. The number of pixels per inch of monitor length is called
(a) **PPI (Pixels Per Inch)** (b) DPI (Dots Per Inch)
(c) SPI Sides Per Inch (d) LPI (Lines Per Inch)
109. Generally, CRT monitors had aspect ratio of
(a) 16:9 (b) **4:3**
(c) 1:10 (d) 16:10
110. Fifth generation computer used technology for processing data.
(a) Integrated Circuit (IC)
(b) vacuum tube
(c) Very Large Scale Integration
(d) **Ultra Large Scale Integration (ULSI)**
111. Fifth generation computer used for input.
(a) keyboard (b) mouse
(c) scanner/light pen (d) **all of them**
112. language created during the advent of fifth generation computers.
(a) C# (b) Java
(c) **both a & b** (d) neither a nor b
113. In fifth generation computers, were used for secondary storage of data.
(a) hard disk (b) floppy disk
(c) CD/ DVD drive (d) **all of them**
114. The most common type of computer used at homes and offices is called
(a) **Personal Computer** (b) main frame computer
(c) super computer (d) mini computer
115. In computers, PC is expanded as
(a) **Personal Computer** (b) Progressive Computer
(c) Process Computer (d) Plus Computer
116. All the physical components of a computer are collectively called
(a) software (b) **hardware**
(c) malware (d) junkware
117. The monitor having pixel resolution of 1280 _ 720 has aspect ratio of
(a) **16:9** (b) 4:3
(c) 1:10 (d) 16:10
118. Chief component of first generation computer was...
(a) Transistors
(b) **Vacuum Tubes and Valves**
(c) Integrated Circuits
(d) Register
119. Which programming languages are classified as low level languages ?
(a) Basic, COBOL, FORTRAN
(b) Prolog, Expert Systems
(c) Java languages
(d) **Assembly languages**
120. Who invented vacuum tube ?
(a) John Bardeen (b) William Shockley
(c) **Lee de Forest** (d) None of the above
121. The computer used for professional works like CAD/ CAM, animation, desktop publication, high power gaming, etc. is called
(a) **workstation computer**
(b) Raspberry PI
(c) tablet PC
(d) smartphone
122. A computer which supports concurrent login for 100 or 200 persons is called
(a) laptop (b) micro-computer
(c) tablet PC (d) **mini-computer**
123. The monitor having pixel resolution of 800 _ 600 has aspect ratio of
(a) 16:9 (b) **4:3**
(c) 1:10 (d) 16:10
124. The list of coded instructions is called
(a) **Computer program** (b) Algorithm
(c) Utility programs (d) None of the above
125. Which is a semi conductor memory ?
(a) Dynamic (b) Static
(c) Bubble (d) **both (a) and (b)**
126. RJ45 UTP cable consists of how many cables ?
(a) 2 pairs (b) **4 pairs**
(c) 8 pairs (d) 16 pairs
127. Real time computers have lag in processing input signals.
(a) **zero** (b) lengthy
(c) heavy (d) lot of

128. Banks store and retrieve core banking transactions using
 (a) mobile phones
 (b) **centralized server computers**
 (c) tablet computers
 (d) micro-computers
129. Computer servers are used in applications.
 (a) online reservation of tickets
 (b) tracking of consignments
 (c) e-commerce
 (d) **all of them**
130. Data division is the third division of a program.
 (a) PASCAL (b) FORTH
 (c) BASIC (d) **COBOL**
131. The earliest calculating devices are
 (a) **Abacus** (b) Clock
 (c) Calculator (d) Difference engine
132. World length of personal computer is
 (a) 4 bits (b) **8 bits**
 (c) 16 bits (d) 64 bits
133. The main advantage of computer is
 (a) large storage capacity
 (b) speed
 (c) ease of creating programs for new jobs
 (d) **all of them**
134. CAD stands for :
 (a) Computer Analog Design
 (b) **Computer Aided Design**
 (c) Computer Aided Dialog
 (d) Computer Android Design
135. CAM stands for :
 (a) Computer Aided Maintenance
 (b) Computer Aided Monitoring
 (c) Computer Analog Manufacture
 (d) **Computer Aided Manufacturing**
136. An optical input device that interprets pencil marks on paper media is
 (a) Optical scanners (b) **O.M.R**
 (c) Punch card reader (d) Magnetic tape
137. Which unit converts computer data into human readable form ?
 (a) Input unit (b) **Output unit**
 (c) Control Unit (d) Program
138. Full name of ALU is
 (a) **Arithmetic Logical unit**
 (b) Array Logic Unit
 (c) Memory Location Unit
 (d) Arithmetic Local Unit
139. Hardware electric power for working.
 (a) generates (b) does not consume
 (c) **consumes** (d) creates
140. Hardware space.
 (a) does not occupy (b) does not need
 (c) does not require (d) **occupies**
141. Common keyboards used in India have layout of keys.
 (a) English UK (b) English US
 (c) **either a or b** (d) neither a nor b
142. The button toggles capital letter for input.
 (a) **caps lock** (b) scroll lock
 (c) print screen (d) pause/break
143. The button takes a screen shot and copies it to clipboard or saves it to a file.
 (a) **print screen** (b) caps lock
 (c) scroll lock (d) pause/break
144. The key toggles number pad on or off.
 (a) scroll lock (b) caps lock
 (c) **num lock** (d) Esc
145. Which language was devised by Dr. Seymour Aubrey Papert ?
 (a) APL (b) FORTRAN
 (c) COBOL (d) **LOGO**
146. Which part of the computer is used for calculating and comparing ?
 (a) Disk Unit (b) CPU
 (c) **ALU** (d) Control Unit
147. ABC is a
 (a) **Special Purpose Computer**
 (b) General purpose Computer
 (c) All purpose Computer
 (d) None of the above
148. is the most common output device for a computer.
 (a) monitor (b) printer
 (c) **both a & b** (d) neither a nor b
149. A device designed to read information encoded into a small plastic card is
 (a) Magnetic tape (b) **Badge reader**
 (c) Tape puncher (d) Card puncher

150. The 2nd generation computer was based on
(a) Vacuum Tube (b) **Transistor**
(c) Silicon Chips (d) Bio Chips
151. Which of the following language started from second generation ?
(a) BASIC (b) **COBOL**
(c) LIPS (d) C++
152. Keyboard, mouse, scanner, light pen, etc. are classified under unit.
(a) output (b) central processing
(c) **input** (d) none of them
153. A device which can process characters and drawings on paper and convert them to digital images (or editable objects) for computers is called
(a) **scanner** (b) printer
(c) light pen (d) digital tablet
154. A device which converts handwriting to computer input is called
(a) scanner (b) printer
(c) light pen (d) **digital tablet**
155. A program that converts computer data into some code system other than the normal one is known as
(a) Emulator (b) **Encoder**
(c) Coding (d) Simulation
156. The translator program used in assembly language is called
(a) Compiler (b) **Assembler**
(c) Interpreter (d) Translator
157. Which of the following IC was used in this generation of computers?
(a) SSI (b) MSI
(c) LSI (d) **both (a) and (b)**
158. First generation computers used for memory.
(a) Vacuum Tubes (b) **Magnetic Drum**
(c) RAM (d) CD/DVD
159. ENIAC uses
(a) Octal Numbering System
(b) Binary Numbering System
(c) **Decimal Numbering System**
(d) Hexadecimal Numbering System
160. In monitors, HD stands for
(a) Hyper Density (b) High Direct
(c) Hot Definition (d) **High Definition**
161. Display resolution of 768_576 pixels is called
(a) 480p (b) **576p**
(c) 724p (d) Full High De_nition
162. The device that produces hard copies on paper is called
(a) monitor (b) scanner
(c) tablet (d) **printer**
163. Dot matrix printer belongs to category.
(a) **impact type printer**
(b) scanner
(c) non-impact type printer
(d) monitor
164. One millisecond is.....
(a) 1 second (b) 10th of a seconds
(c) **1000th of a seconds** (d) 10000th of a seconds
165. Web cam is an
(a) **Input Device** (b) Output Device
(c) Storage Device (d) Processing Device
166. The output quality of a printer is measured by....
(a) Dot per sq. inch (b) **Dot per inch**
(c) Dots per unit time (d) All of the Above
167. What is computer ?
(a) **Electronic Machine** (b) Power Machine
(c) Electric Machine (d) All of the above
168. What is ATM ?
(a) Branch of Bank
(b) Staff counter of Bank
(c) **Withdrawal of cash without staff**
(d) All of the above
169. A floating point operation may require clock cycle to complete.
(a) one (b) less than one
(c) zero (d) **more than one**
170. Which of the following was a special purpose computer ?
(a) **ABC** (b) ENIAC
(c) EDVAC (d) All of the above

171. Intel Pentium processor was preceded by
Intel processor.
(a) Core 2 duo (b) 80486/ 486
(c) Core i5 (d) Core i3
172. Full name of CMOS :
(a) Complementary Metal Oxide Semiconductor
(b) Complementary Mineral Oxide Semiconductor
(c) Complete Metal Oxide Semiconductor
(d) Customary Metal Oxide Semiconductor
173. Full name of BIOS :
(a) Basic Input Output System
(b) Bit Input Output System
(c) Beginner Input Output System
(d) Basic Input Output Syntax
174. Which of the following storage devices can store maximum amount of data ?
(a) Floppy Disk (b) CD
(c) DVD (d) Hard Disk
175. Which computer was considered the first electronic computer until 1973 when court invalidated the patent ?
(a) ENIAC (b) Z3
(c) ABC (d) MARK I
176. CMYK stands for
(a) Cyan, Magenta, Yellow & black
(b) Crimson, Magenta, Yellow & black
(c) Cream, Magenta, Yellow & black
(d) Cyan, Mango, Yellow & black
177. Full name of CPU
(a) Central Processing Unit
(b) Critical Processing Unit
(c) Central Power Unit
(d) Cerebral Processing Unit
178. Main memory data after power off.
(a) retains (b) does not keep
(c) remembers (d) keeps all
179. High density double sided floppy disks could store of data.
(a) 1.40 MB (b) 1.44 GB
(c) 1.44 MB (d) 1.41 MB
180. The output quality of a printer is measured by....
(a) Dot per sq. inch (b) Dot per inch
(c) Dots per unit time (d) All of the Above
181. Secondary storage is otherwise called
(a) auxiliary storage (b) permanent storage
(c) both a & b (d) main memory
182. Magnetic disks are the most popular medium for ...
(a) Direct access (b) Sequential access
(c) Indirect access (d) None of the above
183. Which of the following was a special purpose computer ?
(a) ABC (b) ENIAC
(c) EDVAC (d) None of the above
184. The smallest storage unit permitting storage of 0 and 1 is called ?
(a) bit (b) byte
(c) nibble (d) kilo byte
185. One bit can store ?
(a) 0 or 1 (b) 0 to 255
(c) 0 to 512 (d) byte
186. When was vacuum tube invented ?
(a) 1900 (b) 1906
(c) 1910 (d) None of the above
187. Full name of SRAM :
(a) Static Read Access Memory
(b) Stable Random Access Memory
(c) Static Random Access Memory
(d) Static Random Arithmetic Memory
188. Full name of DRAM :
(a) Disk Random Access Memory
(b) Direct Random Access Memory
(c) Draft Random Access Memory
(d) Dynamic Random Access Memory
189. Which of the following produces the best quality graphics reproduction ?
(a) Laser printer (b) Ink Jet printer
(c) Plotter (d) Dot matrix printer
190. The digital computer was developed primarily in ...
(a) India (b) USA
(c) UK (d) Japan

191. Which of the following storage devices can store maximum amount of data ?
(a) Floppy Disk (b) CD
(c) DVD (d) **Hard Disk**
192. 1024 KB of storage is called ?
(a) byte (b) Tera Byte (TB)
(c) **Mega Byte (MB)** (d) Kilo Byte (KB)
193. 1 MB = KB.
(a) **1024** (b) 1048576
(c) 1073741824 (d) 1099511627776
194. 1 TB = MB.
(a) 255 (b) 510
(c) **1024** (d) 2048
195. The arranging of data in a logical sequence is called...
(a) **Sorting** (b) Classifying
(c) Reproducing (d) Summarizing
196. Which computer was considered the first electronic computer until 1973 when court invalidated the patent ?
(a) **ENIAC** (b) Z3
(c) ABC (d) MARK I
197. ABACUS was the first
(a) electronic computer
(b) mechanical computer
(c) electronic calculator
(d) **mechanical calculator**
198. Which of the following storage devices can store maximum amount of data ?
(a) Floppy Disk (b) CD
(c) DVD (d) **Hard Disk**
199. High density double sided floppy disks could store of data.
(a) 1.40 MB (b) 1.44 GB
(c) **1.44 MB** (d) 1.41 MB
200. 4 bits of memory is called ?
(a) bit (b) byte
(c) **nibble** (d) kilo byte
201. 8 bits of memory is called ?
(a) bit (b) **byte**
(c) nibble (d) kilo byte
202. 1024 bits of storage is called ?
(a) byte (b) nibble
(c) bits (d) **kilo byte**
203. Instructions and memory address are represented by
(a) character code (b) **binary codes**
(c) Binary word (d) Parity bit
204. A set of flip flops integrated together is called
(a) Counter (b) Adder
(c) **Register** (d) Circuit
205. Which is used for manufacturing chips ?
(a) Bus (b) Control Unit
(c) **Semiconductors** (d) (a) and (b) only
206. Full name of USB
(a) Registered Jack 45 (b) Registered Jack 11
(c) Line Printer Terminal
(d) **Universal Serial Bus**
207. is an operating system.
(a) Mac OS (b) Microsoft Windows
(c) Unix/ Linux (d) **all of them**
208. All the processing work of computer takes place in
(a) input unit (b) output unit
(c) **CPU** (d) all of them
209. All the physical components of a computer are collectively called
(a) software (b) **hardware**
(c) malware (d) junkware
210. The first computer introduced in Nepal was...
(a) IBM 1400 (b) **IBM 1401**
(c) IBM 1402 (d) IBM 1403
211. The storage capacity of a common hard disk is
(a) 300GB (b) 500GB
(c) 1TB (d) **all of the above**

9.2 MS Word

1. In MS Office is the software for preparation of documents.
 (a) MS Access (b) MS Word
 (c) MS Excel (d) MS Powerpoint
2. In MS Office is the software for preparation of spreadsheets.
 (a) MS Access (b) MS Word
 (c) MS Excel (d) MS Powerpoint
3. Which is not a font style ?
 (a) BoldA. (b) SuperscriptB.
 (c) ItalicC. (d) Regular
4. Which of these is not the right version of MS-OFFICE.
 (a) OFFICE XP (b) OFFICE VISTA
 (c) OFFICE 2007 (d) OFFICE 2010
5. MS-Office is
 (a) Application Software (b) System Software
 (c) Operating System (d) All of Above
6. Which of the following is not a office suite ?
 (a) MS-Office (b) Lotus Office
 (c) Star Office (d) Close Office
7. In MS Office, is the software for preparation of databases.
 (a) MS Access (b) MS Word
 (c) MS Excel (d) MS Powerpoint
8. The default extension for an MS Word document is
 (a) .docx (b) .doc
 (c) both a & b (d) neither a nor b
9. Which of the following menu is used in MS-Word to change the character size and typeface ?
 (a) View (b) Tools
 (c) Format (d) Data
10. By default, header or footer printed.
 (a) On first page (b) On every page
 (c) on Last page (d) None Of Above
11. In (GUI) based programs, WYSWYG stands for ?
 (a) Whatever You See, Wherever You Get
 (b) Whichever You See, What You Get
 (c) What You See, What You Get
 (d) Wherever You See, What You Get
12. in MS Word serves as a standard typeset document for creating professional looking documents.
 (a) Macro (b) XML
 (c) Template (d) HTML
13. Outlook Express is a ?
 (a) E-Mail Client (b) Scheduler
 (c) Address Book (d) All of the above
14. From which menu you can insert Header and Footer ?
 (a) Insert Menu (b) View Menu
 (c) Format menu (d) Tools Menu
15. Shortcut for document views toolbar is situated in bar.
 (a) Insert Menu (b) View Menu
 (c) Status bar (d) Tool bar
16. The collection of artworks/images available in MS Office is called ?
 (a) drawing (b) images
 (c) cliparts (d) tables
17. In MS Word, spelling mistakes are highlighted by
 (a) bold text (b) green underline
 (c) red underline (d) italic text
18. Bullets and Numbering is in tab.
 (a) Home Tab (b) Status bar
 (c) Tool bar (d) Title bar
19. Cut, Copy and Paste is in Group in the Home tab.
 (a) Font (b) Page Setup
 (c) Clipboard (d) Editing
20. Pressing F8 key for three times selects
 (a) A word (b) A sentence
 (c) A paragraph (d) Entire document

21. In MS Word, grammatic errors are highlighted by
 (a) bold text (b) green underline
 (c) red underline (d) italic text
22. The shortcut for, to open Office menu of MS Word.
 (a) Alt + H (b) Alt + N
 (c) Alt + P (d) Alt + F
23. The save button in MS Office menu can be accessed by
 (a) Ctrl + S
 (b) Alt + F + S
 (c) both Alt + F + S & Ctrl + S
 (d) none of them
24. The shortcut for, to access Save As item in Office menu of MS Word.
 (a) Alt + F + A (b) Ctrl + O
 (c) Ctrl + N (d) Ctrl + P
25. The Shortcut for, to select Open item in Office menu of MS Word.
 (a) Ctrl + O
 (b) Alt + F + O
 (c) both Ctrl + O & Alt + F + O
 (d) Ctrl + S
26. The Shortcut for, Close item in MS Office menu.
 (a) Alt + F + A (b) Alt + F + C
 (c) Ctrl + N (d) Ctrl + O
27. The shortcut for, to select Print item in MS Office menu.
 (a) Alt + F + P
 (b) Ctrl + P
 (c) both Ctrl + P & Alt + F + P
 (d) Ctrl + S
28. The shortcut for, to select Save & Send item in MS Office Menu.
 (a) Ctrl + P (b) Alt + F + D
 (c) Alt + F + H or F1 (d) Ctrl + S
29. The shortcut for, to select Help item in MS Office menu.
 (a) Ctrl + D (b) Alt + F + D
 (c) Alt + F + H or F1 (d) Ctrl + S
30. The shortcut for, to select Exit item in MS Office menu.
 (a) Alt + F + X (b) Alt + F + D
 (c) Alt + F + H or F1 (d) Alt + F + T
31. What is the smallest and largest font size available in Font Size tool on formatting toolbar?
 (a) 8 and 72 (b) 8 and 64
 (c) 12 and 72 (d) None of above
32. The keystrokes Ctrl + I is used to
 (a) Increase font size
 (b) Inserts a line break
 (c) Indicate the text should be bold
 (d) Applies italic format to selected text
33. Which of the following is not valid version of MS Office?
 (a) Office XP (b) Office Vista
 (c) Office 2007 (d) None of above
34. What is the short cut key to open the Open dialog box?
 (a) F12 (b) Shift F12
 (c) Alt + F12 (d) Ctrl + F12
35. Which file starts MS Word?
 (a) Winword.exe (b) Word.exe
 (c) Msword.exe (d) Word2003.exe
36. The file menu, containing most common tools required for preparation of document in MS Word, is called
 (a) Home (b) Insert
 (c) Page Layout (d) References
37. The shortcut for Home menu in MS Word.
 (a) Alt+H (b) Alt+N
 (c) Alt+P (d) Alt+S
38. The shortcut for Insert menu in MS Word.
 (a) Alt+H (b) Alt+N
 (c) Alt+P (d) Alt+S
39. The shortcut for Page Layout menu in MS Word.
 (a) Alt+N (b) Alt+H
 (c) Alt+P (d) Alt+S
40. The shortcut for References menu in MS Word.
 (a) Alt+H (b) Alt+N
 (c) Alt+P (d) Alt+S

41. Borders can be applied to
 - (a) Cells
 - (b) Paragraph
 - (c) Text
 - (d) All of above
42. Which of the following is not a type of page margin ?
 - (a) Left
 - (b) Right
 - (c) Center
 - (d) Top
43. Which of the following is not a font style ?
 - (a) Bold
 - (b) Italics
 - (c) Regular
 - (d) Superscript
44. In Word, the mailing list is known as the
 - (a) Data sheet
 - (b) Source
 - (c) Data source
 - (d) Sheet
45. Comments can be added to cells using
 - (a) Edit -> Comments
 - (b) Insert -> Comment
 - (c) File -> Comments
 - (d) View -> Comments
46. The spelling tool is placed on _____ toolbar
 - (a) Standard
 - (b) Formatting
 - (c) Drawing
 - (d) Reviewing
47. Comments put in cells are called
 - (a) Smart Tip
 - (b) Cell Tip
 - (c) Web Tip
 - (d) Soft Tip
48. The spelling tool is placed on _____ toolbar.
 - (a) Standard
 - (b) Formatting
 - (c) Drawing
 - (d) Reviewing
49. Thesaurus tool in MS Word is used for
 - (a) Spelling suggestions
 - (b) Grammar options
 - (c) Synonyms and Antonyms words
 - (d) All of above
50. Which is the default alignment in word ?
 - (a) Left
 - (b) Right
 - (c) Centre
 - (d) Justify
51. Clipboard menu can be accessed using the shortcut
 - (a) Alt+H+FO
 - (b) Ctrl+X/ Alt+H+X
 - (c) Ctrl+C/ Alt+H+C
 - (d) Ctrl+V/ Alt+H+V
52. The shortcut for in MS Word, for italic font style.
 - (a) Alt+H+FN
 - (b) Ctrl+B/ Alt+H+I
 - (c) Ctrl+I/ Alt+H+2
 - (d) Ctrl+U/ Alt+H+3
53. The shortcut for in MS Word, for underline font style.
 - (a) Alt+H+FN
 - (b) Ctrl+B/ Alt+H+I
 - (c) Ctrl+I/ Alt+H+2
 - (d) Ctrl+U/ Alt+H+3
54. The shortcut for in MS Word, for bold font style.
 - (a) Alt+H+FN
 - (b) Ctrl+B/ Alt+H+I
 - (c) Ctrl+I/ Alt+H+2
 - (d) Ctrl+U/ Alt+H+3
55. The shortcut for in MS Word, for subscript font style.
 - (a) Alt+H+4
 - (b) Ctrl+Plus/ Alt+H+5
 - (c) Ctrl+Shift+Plus/ Alt+H+6
 - (d) Alt+H+FF
56. The shortcut for in MS Word, for superscript font style.
 - (a) Alt+H+4
 - (b) Ctrl+Plus/ Alt+H+5
 - (c) Ctrl+Shift+Plus/ Alt+H+6
 - (d) Alt+H+FF
57. The shortcut for in MS Word, for font name.
 - (a) Alt+H+4
 - (b) Ctrl+Plus/ Alt+H+5
 - (c) Ctrl+Shift+Plus/ Alt+H+6
 - (d) Alt+H+FF
58. The shortcut for in MS Word, for strike through font style.
 - (a) Alt+H+4
 - (b) Ctrl+Plus/ Alt+H+5
 - (c) Ctrl+Shift+Plus/ Alt+H+6
 - (d) Alt+H+FF
59. The shortcut for in MS Word, for font size.
 - (a) Alt+H+FC
 - (b) Ctrl+Plus/ Alt+H+5
 - (c) Ctrl+Shift+Plus/ Alt+H+6
 - (d) Alt+H+FS
60. The shortcut for in MS Word, for applying bullets.
 - (a) Alt+H+U
 - (b) Alt+H+N
 - (c) Alt+H+M
 - (d) Alt+H+PG
61. The shortcut for in MS Word, for search and find.
 - (a) Ctrl+H/ Alt+H+R
 - (b) Alt+H+SL
 - (c) Ctrl+A/ Alt+H+SL+A
 - (d) Ctrl+F/ Alt+H+FD

62. Macro may be assigned a for convenient invocation.
 (a) either keyboard shortcut or a button in office menu
 (b) a button on office menu
 (c) keyboard shortcut
 (d) neither keyboard shortcut nor a button in office menu
63. Page setup in MSWord may be accessed using menu.
 (a) PageLayout → PageSetup(Alt+P +SP)
 (b) Home → Paragraph(Alt + H + PG)
 (c) Home → FontFace(Alt + H + FF)
 (d) Home → FontSize(Alt + H + FS)
64. Word processing package allow users to :
 (a) Edit text (b) Save text
 (c) Print text (d) All of the above
65. MS Word has the ability to automate repeated tasks using
 (a) tables (b) pictures
 (c) equations (d) macros
66. The feature in MS Word which helps to create customized correspondence targeting different recipients is called
 (a) mail merge (b) charting
 (c) clip art (d) equations
67. What is the default extension for word template ?
 (a) .docx (b) .dotx
 (c) .xlsx (d) .pptx
68. Commonly used paper sizes for MS Word documents are
 (a) A4 (b) letter
 (c) legal (d) all of them
69. Portrait and Landscape are
 (a) Paper size (b) Page layout
 (c) Page orientation (d) Page margin
70. Ctrl + Y is the short cut key for
 (a) Undo the last action
 (b) Paste the selected text
 (c) Cut the selected text
 (d) Redo the last action

9.3 MS Excel

1. Columns in MS Excel are named in the form of
 (a) roman numerals (I,II, III, IV,...)
 (b) numbers (1,2,3,4,...)
 (c) alphabets (A, B, C, D,...)
 (d) none of them
2. Rows in MS Excel are named in the form of
 (a) alphabets (A, B, C, D,...)
 (b) roman numerals (I,II, III, IV,...)
 (c) numbers (1,2,3,4,...)
 (d) none of them
3. The intersection of a row and column in MS Excel is called ?
 (a) spreadsheet (b) workbook
 (c) document (d) cell
4. 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
5. In MS Excel, a function is entered by typing symbol.
 (a) @ (b) \$
 (c) # (d) =
6. Which function will you use to enter current time in a worksheet cell ?
 (a) =today() (b) =now()
 (c) =time() (d) =currentTime()
7. The latest version of MS Excel can have rows.
 (a) 10,48,576 (b) 16,334
 (c) 102443 (d) 5124

8. The latest version of MS Excel can have columns.
 (a) 10,48,576 (b) 16,384
 (c) 1024 (d) 512
9. You can set Page Border in Excel from
 (a) From Border tab in Format Cells dialog box
 (b) From Border tool in Formatting toolbar
 (c) From Line Style tool in Drawing toolbar
 (d) You can not set page border in Excel
10. When a range is selected, how can you activate the previous cell ?
 (a) Press the Alt key (b) Press Tab
 (c) Press Enter (d) None of above
11. Which of the following Excel screen components can NOT be turned on or off ?
 (a) Formula Bar (b) Status Bar
 (c) Tool Bar (d) None of above
12. Each file in MS Excel is called a
 (a) workbook (b) worksheet
 (c) notesheet (d) notebook
13. Which of the following option is not available in Paste Special dialog box ?
 (a) Add (b) Subtract
 (c) Divide (d) SQRT
14. By default, Excel worksheets are named
 (a) book1, book2, book3, ...
 (b) page1, page2, page3, ...
 (c) sheet1, sheet2, sheet3, ...
 (d) note1, note2, note3, ...
15. Excel file without any macros has the default extension of
 (a) .xlsx (b) .xls
 (c) .xlsm (d) .xlst
16. Which of the following is an absolute cell reference ?
 (a) !A!1 (b) \$A\$1
 (c) #a#1 (d) A1
17. Which symbol must all formula begin with ?
 (a) = (b) +
 (c) ((d) @
18. In MS Excel, the common type of data applicable to any cell is called data type.
 (a) General (b) Number
 (c) Currency (d) Text
19. Which of the following formulas is not entered correctly ?
 (a) =10+50 (b) =B7*B1
 (c) =B7+14 (d) 10+50
20. Which of the following formulas will Excel Not be able to calculate ?
 (a) =SUM(Sales)-A3 (b) =SUM(A1:A5)*.5
 (c) =SUM(A1:A5)/(10-10) (d) =SUM(A1:A5)-10
21. To drag a selected range of data to another worksheet in the same workbook, use the
 (a) Tab key (b) Alt key
 (c) Shift key (d) Ctrl key
22. In MS Excel, data type is suitable for handling dates.
 (a) Date (b) Time
 (c) Percentage (d) Fraction
23. Hyperlinks can be
 (a) Text (b) Drawing objects
 (c) Pictures (d) All of above
24. To activate the previous cell in a pre-selected range, press
 (a) The Alt key (b) The Tab key
 (c) The Enter key (d) None of the above
25. In a worksheet you can select
 (a) The entire worksheet (b) Rows
 (c) Columns (d) All of the above
26. In MS Excel, data type displays numbers in scientific notation.
 (a) Date (b) Time
 (c) Scientific (d) Fraction
27. How are data organized in a spreadsheet ?
 (a) Lines and spaces (b) Layers and planes
 (c) Rows and columns (d) Height and width
28. In MS Excel, function returns true only if all the given conditions are true.
 (a) OR (b) FALSE
 (c) TRUE (d) AND

29. In MS Excel, in which bar have the currency option
(a) **Formatting Toolbar** (b) Standard Toolbar
(c) Status Bar (d) Formula bar
30. Which menu contains macro options in MS Excel
(a) Insert (b) Format
(c) Tools (d) Data
31. Which function is used to input the date only in MS Excel ?
(a) **Today** (b) Now
(c) Time (d) Calendar
32. Which Function is used to calculate Remainder in MS Excel?
(a) INT () (b) FACT ()
(c) MOD () (d) **DIV ()**
33. In MS Excel, function returns positive value irrespective of whether the input is positive or negative.
(a) **ABS** (b) ASIN
(c) ACOS (d) ATAN
34. Which menu have the Fill option in MS Excel ?
(a) View (b) Format
(c) Tools (d) **Edit**
35. Excel is a collection of workbook
(a) Workbooks (b) **Worksheets**
(c) Charts and Slides (d) Data
36. In MS Excel, function returns true only if all the given conditions are true.
(a) OR (b) FALSE
(c) TRUE (d) **AND**
37. In MS Excel, function returns true even if just one of the given conditions is true.
(a) OR (b) FALSE
(c) TRUE (d) **AND**
38. Which of these data types is not in MS.excel ?
(a) Number (b) Currency
(c) **Label** (d) Date/Time
39. In MS Excel, function returns number equivalent of text value.
(a) N (b) NA
(c) TYPE (d) AND
40. In MS Excel, function returns #NA error number.
(a) N (b) **NA**
(c) TYPE (d) AND
41. In MS Excel, which menu does have Sort option ?
(a) Edit (b) Format
(c) Tool (d) **Data**
42. Which of these charts does not exist in MS Excel
(a) Scatter (b) Line
(c) Doughnut (d) **Graph**
43. Which of these options is not available in the Chart Options in MS Excel "CHART WIZARD" ?
(a) Axes (b) Data Label
(c) **Data Series** (d) Data Table
44. MS EXCEL Based on Software
(a) **WINDOWS** (b) DOS
(c) UNIX (d) LINUX
45. A spreadsheet is a collection of pages is called a
(a) **Workbook** (b) Art book
(c) Worksheet (d) Documents
46. What is the Extension of Excel Workbook in MS Excel 2007 ?
(a) .xlx (b) **.xlsx**
(c).xlcx (d) .xlxx
47. function in MS Excel takes year, month and date values and displays given date.
(a) **DATE** (b) DATEDIF
(c) DATEVALUE (d) DAY
48. function in MS Excel takes a date value and returns the day of month.
(a) DATE (b) DATEDIF
(c) DATEVALUE (d) **DAY**
49. Which option of Chart Wizard contains the option of Series Name, Category and Value in Data ?
(a) Legend (b) Chart area
(c) **Data label** (d) Data Titles
50. function in MS Excel takes a date string and returns parsed date value.
(a) DATE (b) DATEDIF
(c) **DATEVALUE** (d) DAY
51. In MS Excel, function returns true if a cell is blank.
(a) **ISBLANK** (b) ISERR
(c) ISEVEN (d) ISODD

52. Which sign display when Formula Error in MS Excel ?
 (a) \$ (b) *
 (c) \ (d) #
53. On an excel sheet the active cell is indicated by ?
 (a) A dotted border
 (b) A dark wide border
 (c) A blinking border
 (d) By italic text
54. Shortcut key for : Edit the selected cell.
 (a) F1 (b) F2
 (c) F6 (d) F12
55. function in MS Excel returns minutes from a time value.
 (a) MINUTES (b) SECOND
 (c) EOMONTH (d) HOUR
56. function in MS Excel returns seconds from a time value.
 (a) MINUTES (b) SECOND
 (c) EOMONTH (d) HOUR
57. function in MS Excel returns current time.
 (a) MINUTES (b) SECOND
 (c) EOMONTH (d) HOUR
58. Shortcut key for : Create chart.
 (a) F1 (b) F2
 (c) F6 (d) F11
59. function in MS Excel returns day of week for given date.
 (a) WEEKDAY (b) WORKDAY
 (c) YEAR (d) YEARFRAC
60. function in MS Excel returns the date after given number of working days.
 (a) WEEKDAY (b) WORKDAY
 (c) YEAR (d) YEARFRAC
61. Shortcut key for: Enter the current time
 (a) F1 (b) Ctrl + Shift + ;
 (c) F6 (d) F11
62. function in MS Excel returns fractional year between given dates.
 (a) WEEKDAY (b) WORKDAY
 (c) YEAR (d) YEARFRAC
63. Shortcut key for : Enter the current date.
 (a) F1 (b) Ctrl + ;
 (c) F6 (d) F11
64. In MS Excel, function returns true if the given cell contains an even number.
 (a) ISBLANK (b) ISERR
 (c) ISEVEN (d) ISODD
65. In MS Excel, function returns true if the given cell contains an odd number.
 (a) ISBLANK (b) ISERR
 (c) ISEVEN (d) ISODD
66. Shortcut key for : Insert new worksheet.
 (a) F1 (b) F2
 (c) F6 (d) Alt + Shift + F1
67. Shortcut key for : select entire row.
 (a) F1 (b) F2
 (c) Shift + Space (d) Alt + Shift + F1
68. Shortcut key for : select entire column.
 (a) F1 (b) Ctrl + Space
 (c) Shift + Space (d) Alt + Shift + F1
69. Shortcut key for : insert link.
 (a) F1 (b) Ctrl + K
 (c) Shift + Space (d) Alt + Shift + F1
70. Shortcut key for : undo last action
 (a) Alt (b) Ctrl + Z
 (c) Shift + Space (d) Alt + Shift + F1

9.4 MS PowerPoint

1. The MS office tool used for preparation of presentations is called ?
(a) MS Powerpoint (b) MS Excel
(c) MS Access (d) MS Word
2. The command to invoke power point from command line is
(a) point (b) power
(c) powerpnt (d) msppt
3. Which of these is not the view of PowerPoint ?
(a) Slide Show view (b) Slide Sorter view
(c) Normal view (d) Outline view
4. What is Extension of PowerPoint Presentation ?
(a) .POT (b) .PPT
(c) .PTP (d) .PPE
5. Powerpoint is suitable for creating presentation.
(a) educational (b) business
(c) strategic (military) (d) all of them
6. What is the shortcut key to create new files in PowerPoint presentation.
(a) Ctrl + N (b) Ctrl + S
(c) Ctrl + M (d) Shift + N
7. To open Power Point from Run Dialog Box, type
(a) PowerPoint (b) Pwrpoint
(c) Powerpnt (d) Powerpint
8. Which program is used to create a presentation
(a) Excel (b) PowerPoint
(c) Access (d) Outlook
9. What is the shortcut key to insert a new slide into the current presentation.
(a) Ctrl + O (b) Ctrl + M
(c) Ctrl + N (d) Ctrl + F
10. Which menu does have action button option ?
(a) Tools (b) Format
(c) Window (d) Slide Show
11. Powerpoint can help to deliver content over
(a) email (b) web
(c) social media (d) all of them
12. Which option is used to create Speaker Notes in the Power Point slide ?
(a) Slide Note (b) Short Notes
(c) Sound Note (d) Notes View
13. Which option is used to change shadow, text color and the color of the box in Power Point ?
(a) Color schemes (b) Drawing tools
(c) Text tools (d) Background color
14. How you can stop the slide show ?
(a) Pressing Delete button
(b) Pressing Esc button
(c) Pressing Right arrow
(d) Pressing Left arrow.
15. In Powerpoint, font for presentation may be chosen from menu.
(a) Design → Themes (b) Home → Paragraph
(c) Home → Slides (d) Home → Font
16. task pane shows the design that is currently being used in the presentation.
(a) slide show (b) slide style
(c) slide design (d) slide format
17. In Powerpoint, paragraph style for presentation may be chosen from menu.
(a) Design → Themes (b) Home → Paragraph
(c) Home → Slides (d) Home → Font
18. How to insert a table in a slide ?
(a) Table menu & Insert table
(b) Click on the insert table in the content pane of the blank slide
(c) A and B Both
(d) The table can not be inserted into a slide.
19. In Powerpoint, drawing for use in the presentation may be created using menu.
(a) Home → Slides (b) Home → Font
(c) Home → Drawing (d) Home → Paragraph

20. What is the use of the "Hide slide" option ?
 (a) During the presentation, to hide the selected slide
 (b) During editing, to hide the selected slide
 (c) To hide the selected slide during printing
 (d) To hide the selected slide during deleting.
21. Handout Master is defined by
 (a) Slide formatting (b) Slide transaction
 (c) **Layout of handout** (d) Layout of slide
22. In Powerpoint, geometric shapes, hyperlink and action link can be inserted using menu.
 (a) Insert → Tables (b) **Insert → Links**
 (c) Insert → Illustrations (d) Insert → Images
23. Which of these slides is used as a background ?
 (a) Gradient (b) Texture
 (c) Picture (d) **All of these**
24. Which tab is not available on left panel when you open a presentation ?
 (a) Outline (b) Slides
 (c) Notes (d) All of the above
25. Which of the following section does not exist in a slide layout ?
 (a) Titles (b) **Lists**
 (c) Charts (d) Animations
26. In Powerpoint, media objects like video and audio can be inserted using menu.
 (a) Insert → Tables (b) **Insert → Media**
 (c) Insert → Symbol (d) Insert → Text
27. PowerPoint presentations are widely used as
 (a) note outlines for teachers
 (b) project presentations by students
 (c) communication of planning
 (d) **All of above**
28. controls all the main slide control tasks for your presentation.
 (a) **Task Pane** (b) Task Bar
 (c) Control Panel (d) None of above
29. Which of the following cannot be toggled from View >> Toolbars ?
 (a) Control Toolbox (b) **Slides**
 (c) Revisions (d) Reviewing
30. Which of the following pane is not available in Task Pane ?
 (a) Getting Started (b) Clip Art
 (c) **Word Art** (d) Search Results
31. Which of the following pane is NOT available in Task Pane ?
 (a) Slide Design (b) **Master Slide**
 (c) Slide Layout (d) Slide Transition
32. A new presentation can be created from
 (a) Blank Presentation
 (b) From Existing Presentation
 (c) From Design Template
 (d) **All of above**
33. What lets you to create new presentation by selecting ready-made font color and graphics effects ?
 (a) Presentation Template
 (b) Master Slide
 (c) **Design Template**
 (d) Animation Scheme
34. The selected design template can be applied
 (a) to current slide only
 (b) to all the slides
 (c) to all the new presentation you create
 (d) **all of above**
35. In which menu can you find features like Slide Design, Slide Layout etc. ?
 (a) Insert Menu (b) **Format Menu**
 (c) Tools Menu (d) Slide Show Menu
36. How many steps are there between Start and Finish in AutoContent Wizard ?
 (a) **3** (b) 4
 (c) 5 (d) 6
37. Which short cut key inserts a new slide in current presentation ?
 (a) Ctrl+N (b) **Ctrl+M**
 (c) Ctrl+S (d) All of above
38. Which of the following is not a part of Slide Design ?
 (a) Design Template (b) Color Scheme
 (c) Animation Scheme (d) **Slide Layout**

39. From which menu you can access Picture, Test Box, Chart etc. ?
(a) File (b) Edit
(c) **Insert** (d) View
40. To insert a hyperlink in a slide
(a) Choose Insert >> Hyperlink
(b) Press Ctrl + K
(c) Hyperlinks can't be inserted in slides
(d) **both a & b**
41. Which of the following font effect is not available in PowerPoint Font dialog box ?
(a) Underline (b) Shadow
(c) Emboss (d) **Strikethrough**
42. If you select Insert >> Picture >> From File
(a) You can insert pictures and clipart
(b) You can insert clipart only
(c) **you can insert pictures only**
(d) None of above
43. To make effective presentation, minimize text and maximize
(a) images (b) videos
(c) graphs (d) **all of them**
44. The effect applied to display when slides changes in slide show view is
(a) Slide Animation (b) Custom Animation
(c) Custom Transition (d) **Slide Transition**
45. 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**
46. Optimum duration for making a presentation is
(a) **22 to 35 minutes** (b) 3 to 4 hours
(c) 1 minute (d) 7 hours
47. Which file format can be added to a PowerPoint show ?
(a) .jpg (b) .gif
(c) .wav (d) **All of the above**
48. In Microsoft PowerPoint, two kinds of sound effects files that can be added to the presentation are
(a) **.wav files and .mid files**
(b) .wav files and .gif files
(c) .wav files and .jpg files
(d) .jpg files and .gif files
49. Material consisting of text and numbers is best presented as
(a) **A table slide** (b) A bullet slide
(c) A title slide (d) All of the above
50. One should record the presentation in and watch it again to find the mistakes done during delivery.
(a) paper (b) **video**
(c) transcript (d) text
51. What is a motion path ?
(a) A type of animation entrance effect
(b) A method of advancing slides
(c) **A method of moving items on a slide**
(d) All of the above
52. To select one hyperlink after another during a slide presentation, what do you press ?
(a) **Tab** (b) Ctrl + K
(c) Ctrl + h (d) All of above
53. What is the term used when a clip art image changes the direction of faces ?
(a) Group (b) Flip
(c) **Rotate** (d) None of the above
54. Which option allows you to select line, curve, freeform or scribble tools ?
(a) Create effect (b) Insert motion path
(c) **Draw custom path** (d) All of the above
55. Which of the following is the default page setup orientation of slide in PowerPoint ?
(a) Vertical (b) **Landscape**
(c) Portrait (d) None of above
56. Objects on the slide that hold text are called
(a) **Placeholders** (b) Object holders
(c) Auto layouts (d) Text holders

57. Which command brings you to the first slide in your presentation ?
 (a) Next slide button (b) Page up
 (c) **Ctrl + Home** (d) Ctrl + End
58. Which of the following allow you to select more than one slide in a presentation ?
 (a) Alt + Click each slide
 (b) Shift + drag each slide
 (c) **Shift + Click each slide**
 (d) Ctrl + Click each slide
59. The view that displays the slides on a presentation as miniature representations of the slides is called
 (a) slide show (b) **slide sorter view**
 (c) notes page view (d) outline view
60. The PowerPoint view that displays only text (title and bullets) is
 (a) Slide show (b) Slide sorter view
 (c) Notes page view (d) **Outline view**
61. Which of the following provides a printed copy of your presentation ?
 (a) **Outline** (b) Speaker notes
 (c) Audience handouts (d) All of the above
62. Slide show options available to the presenter include all of the following except
 (a) **Transitions command**
 (b) Speaker notes command
 (c) Meeting reminder command
 (d) Navigation commands
63. To add a header or footer to your handout, you can use
 (a) The title master
 (b) The slide master
 (c) **The handout master**
 (d) All of above
64. Which of the following will not advance the slides in a slide show view ?
 (a) Esc key (b) The spacebar
 (c) The Enter key (d) The mouse button
65. What are lines, curve, freeform, and scribble ?
 (a) Emphasis effects that can be applied to animations
 (b) **Types of custom motion paths**
 (c) Predefined entrance and exit effects
 (d) All of the above
66. When using PowerPoint, to play a PowerPoint show for previewing the show, select
 (a) View, slide sorter (b) View, slide
 (c) **View, slide show** (d) View outline
67. What's the best place to find animated images for your PowerPoint 2002 presentation ?
 (a) Microsoft online
 (b) **Word clipart**
 (c) PowerPoint tools and ins
 (d) All of the above
68. How can you quickly reinstate a deleted footer placeholder in master view ?
 (a) Create a new slide master
 (b) **Re-apply the footer placeholder**
 (c) Re-apply the slide layout
 (d) All of the above
69. Power point presentaion is collethion of
 (a) Slides and Hadouts (b) Spwaker Notes
 (c) Outlines (d) **all of the above**
70. Slide sorter of powerpoint is available on menu.
 (a) Insert (b) File
 (c) View (d) Edit

9.5 Web Design (HTML)

1. Web pages are designed primarily in
(a) **HTML** (b) C++
(c) Basic (d) Fortran
2. Which of the following is not a web server ?
(a) Apache tomcat (b) **BlueGriffon**
(c) Jetty (d) Tornado
3. Which of the following is not a channel of Mozilla ?
(a) Firefox (b) **Firefox alpha**
(c) Firefox Beta (d) Firefox Aurora
4. Web pages are stored in a remote host is called
(a) client (b) email server
(c) database server (d) **web server**
5. Which of the following are automatically loaded and operates as a part of browser ?
(a) Add-ons (b) **Plug-ins**
(c) Utilities (d) Widgets
6. Which of the following allows user to view a webpage ?
(a) Operating System (b) Website
(c) Interpreter (d) **Internet Browser**
7. The client of a web server uses which application for display of the page.
(a) word processor (b) spreadsheet
(c) **web browser** (d) power point
8. What is DOM ?
(a) Hierarchy of objects in ASP.NET
(b) Application programming interface
(c) **Convention for representing and interacting with objects in html documents**
(d) Language dependent application programming
9. HTML is what type of language ?
(a) Scripting Language
(b) **Markup Language**
(c) Programming Language
(d) Network Protocol
10. Apache HTTP, Microsoft Internet Information Server (IIS), IBM Websphere, etc. are which type of servers ?
(a) email servers (b) **web servers**
(c) database servers (d) FTP servers
11. HTML uses
(a) User defined tags
(b) Pre-specified tags
(c) **Fixed tags defined by the language**
(d) Tags only for linking
12. The year in which HTML was first proposed
(a) **1990** (b) 2000
(c) 1995 (d) 1980
13. Full name of W3C is
(a) **World Wide Web Consortium**
(b) World Wide Water Consortium
(c) Write Wide Web Consortium
(d) World Wide Web Condition
14. Fundamental HTML Block is known as
(a) HTML Body (b) **HTML Tag**
(c) HTML Attribute (d) HTML Element
15. Which feature was already introduced before HTML5 ?
(a) Canvas/SVG (b) Video
(c) Geolocation (d) **Frames**
16. Full name of HTML :
(a) Hyper Text Machine Language
(b) Higher Text Markup Language
(c) **Hyper Text Markup Language**
(d) Hyper Tension Markup Language
17. Apart from tag, what other tag makes text bold ?
(a) <fat> (b)
(c) <black> (d) <emp>
18. Who is Known as the father of World Wide Web (WWW) ?
(a) Robert Cailliau (b) Tim Thompson
(c) **Tim Berners-Lee** (d) Charles Darwin

19. Dynamic HTML pages can be coded using
 - (a) Adobe Flash
 - (b) Javascript
 - (c) VBScript
 - (d) all of them
20. HTML web pages can be read and rendered by
 - (a) Compiler
 - (b) Server
 - (c) Web Browser
 - (d) Interpreter
21. Which of the following is not a browser ?
 - (a) Microsofts Bing
 - (b) Netscape Navigator
 - (c) Mozilla Firefox
 - (d) Opera
22. Full name of DHTML :
 - (a) Dynamic Hyper Text Machine Language
 - (b) Drastic Hyper Text Markup Language
 - (c) Dynamic Hyper Text Markup Language
 - (d) Dynamic Higher Text Markup Language
23. What is the default extension of HTML ?
 - (a) .htm
 - (b) .html
 - (c) .xmal
 - (d) all of them
24. Which HTML tag produces the biggest heading ?
 - (a) <H7>
 - (b) <H4>
 - (c) <H1>
 - (d) <H9>
25. Full name of CSS :
 - (a) Cascading System Sheet
 - (b) Crisp Style Sheet
 - (c) Cascading Style Set
 - (d) Cascading Style Sheet
26. Tags and text that are not directly displayed on the page are written in section.
 - (a) <HEAD>
 - (b) <TITLE>
 - (c) <BODY>
 - (d) <HTML>
27. What tag is used to display a picture in a HTML page ?
 - (a) picture
 - (b) image
 - (c) img
 - (d) src
28. Full name of DOM :
 - (a) Document Object Model
 - (b) Different Object Model
 - (c) Dynamic Object Model
 - (d) Document Offset Model
29. How can you make a bulleted list with numbers ?
 - (a) <dl>
 - (b)
 - (c) <list>
 - (d)
30. Which tag is used with JavaScript ?
 - (a) <canvas>
 - (b) <table>
 - (c) <article>
 - (d) <footer>
31. Ajax is a side scripting system.
 - (a) client
 - (b) server
 - (c) right
 - (d) left
32. Who was created by HTML ?
 - (a) Brian Kernighan
 - (b) Tim Berners-Lee
 - (c) Dennis Ritchie
 - (d) James Gosling
33. What application can one create even before the introduction of HTML5 ?
 - (a) Web applications
 - (b) Mobile applications
 - (c) Forms
 - (d) Browser based games
34. What is the correct syntax of doctype in HTML5 ?
 - (a) <!doctype html>
 - (b) <doctype html!>
 - (c) <doctype html>
 - (d) </doctype html>
35. Which of the following is not semantic element for text in HTML5 ?
 - (a) <mark>
 - (b) <time>
 - (c) <wbr>
 - (d) <article>
36. Which tag supports Non-English language ?
 - (a) <input>
 - (b) <audio>
 - (c) <embed>
 - (d) <bdo>
37. Which element was not removed by HTML5 ?
 - (a) <strike>
 - (b) <center>
 - (c) <small>
 - (d) <big>
38. Full name of SGML :
 - (a) Standard Grand Markup Language
 - (b) Synchronized Generalized Markup Language
 - (c) Standard Generalized Markup Language
 - (d) Simple Generalized Markup Language
39. Which one is not the feature of HTTP protocol ?
 - (a) media independent
 - (b) connectionless
 - (c) responsive
 - (d) stateless

40. Which of the following are not the valid characters set in HTTP ?
(a) ISO-8859-1 (b) US-ASCII
(c) ISO-8859-7 (d) ISO-8859-12
41. Full name of DTD (in markup language) :
(a) Document Type Definition
(b) Data Type Definition
(c) Digital Type Definition
(d) Design Type Definition
42. Which of the following is not the request method ?
(a) Head (b) Get
(c) Remove (d) Put
43. What does '3xx' code denote ?
(a) Redirection (b) Server Error
(c) Success (d) Informational
44. HTML tag begins with which symbol is use ?
(a) < (b) >
(c) <! (d) →
45. HTML tag ends with which symbol is use ?
(a) < (b) >
(c) <! (d) →
46. Which of the following tag is used to mark a beginning of paragraph ?
(a) <TD> (b)

(c) <P> (d) <TR>
47. Choose the correct HTML tag to make a text italic
(a) (b) <i>
(c) <u> (d) <italic>
48. From which tag descriptive list starts ?
(a) <LL> (b) <DD>
(c) <DL> (d) <DS>
49. Correct HTML tag for the largest heading is
(a) <H10> (b) <H5>
(c) <H4> (d) <H1>
50. Full name of DDL :
(a) Data Description Libray
(b) Data Description Language
(c) Data Description Liberty
(d) Data Description License
51. The attribute of <form> tag
(a) method (b) action
(c) both a and b (d) all of the above
52. WWW is based on which model ?
(a) local-server (b) client-server
(c) 3-tier (d) all of the above
53. Full name of RGB :
(a) Red-Green-Blue (b) Blue-Green-Red
(c) Green-Red-Blue (d) Blue-Green-Blue
54. HTML is a subset of
(a) SGMT (b) SGML
(c) SGMD (d) SGTD
55. Which of the following is a container ?
(a) <SELECT> (b) <BODY>
(c) <INPUT> (d) both a and b
56. In HTML, the two digit color code value ranges from 00 to in hexadecimal.
(a) AA (b) 11
(c) FF (d) CC
57. Choose the correct HTML tag to make a text bold.
(a) < bold > (b)
(c) <u> (d) <i>
58. Choose the correct HTML tag to make a text underline.
(a) (b) <u>
(c) < underline > (d) <italic>
59. CSS definitions are contained inside in which tags.
(a) < style > <=style >
(b) < h1 > <=h1 >
(c) < table > <=table >
(d) < form > <=form >
60. What is the correct HTML for adding a background color ?
(a) <body color="yellow">
(b) <body bgcolor="yellow">
(c) <background>yellow</background>
(d) <body background="yellow">
61. In HTML, hexadecimal values each color defines intensity between ?
(a) 0-250 (b) 0-FF
(c) 0-256 (d) 0-16
62. CSS may be defined in...
(a) at the header section
(b) in a separate _le
(c) inline as an attribute to a HTML tag
(d) all of them

63. A well-known helper plug-in for HTML is ?
 (a) J-Query (b) PHP
 (c) JavaScript (d) **Java Applet**
64. Full name of CSS :
 (a) Cascading System Sheet
 (b) Crisp Style Sheet
 (c) Cascading Style Set
 (d) **Cascading Style Sheet**
65. How many components are their in CSS tag ?
 (a) 1 (b) 2
 (c) 3 (d) 6
66. Which of the following selector matches a element based on its class attribute ?
 (a) the Type Selector (b) the Universal Selector
 (c) the Class Selector (d) **the Descendant Selector**
67. Which of the following property is used to change the face of a font ?
 (a) **font-family** (b) font-style
 (c) font-variant (d) font-weight
68. Which component(s) are important for marking CSS in HTML ?
 (a) Selector (b) Property
 (c) Value (d) **all of them**
69. Which is not a property of attribute Behaviour of <Marquee> tag ?
 (a) alternate (b) **blur**
 (c) scroll (d) slide
70. Which of these tags are all <table> tags ?
 (a) <table><head><tfoot>
 (b) **<table><tr><td>**
 (c) <table><tr><tt>
 (d) <thead><body><tr>
71. How do I add scrolling text to my page ?
 (a) <scroll> (b) **<marquee>**
 (c) <ciruler> (d) <tab>
72. Joomla is a Content Management System based on which type of scripting language.
 (a) Python (b) **PHP**
 (c) Ruby (d) Perl
73. Which is the correct CSS syntax ?
 (a) body:color=black
 (b) {body;color:black}
 (c) {body:color=black(body}
 (d) **body {color: black}**
74. Which CSS property sets a background image for an element ?
 (a) background (b) background - attachment
 (c) background - color (d) **background - image**
75. Frontpage is which type of tool ?
 (a) web page creation (b) web page editing
 (c) **both a & b** (d) all of them
76. Full name of SVG :
 (a) **Scalable Vector Graphics**
 (b) Segmented Variable Graphics
 (c) Scalable Variable Graphics
 (d) Segmented Variable Graphics
77. In CSS, h1 can be called as
 (a) **Selector** (b) Attribute
 (c) Value (d) Tag
78. KompoZer is which type of tool ?
 (a) web page creation (b) web page editing
 (c) web page present (d) **All of the above**
79. In css what does "color:red" can be called as
 (a) Selector (b) Rule
 (c) **Declaration** (d) all of the above
80. In CSS, "font-size" can be called as
 (a) Selector (b) Rule
 (c) Property (d) **Property-Name**
81. Which web font was developed by Apple and Microsoft in the late 1980s ?
 (a) **TTF** (b) OTF
 (c) WOFF (d) WOFF 2.0
82. has introduced text, list, box, margin, border, color, and background properties.
 (a) **css** (b) html
 (c) ajax (d) php
83. What is the CSS Extension Prefixes for WebKit ?
 (a) **-webkit** (b) -o-
 (c) -web (d) -chrome
84. Which font format is used in web pages ?
 (a) WOFF 2.0 (b) **WOFF**
 (c) SVG Fonts (d) EOT
85. What is the CSS Property Equivalent for the attribute <center> ?
 (a) color (b) **margin**
 (c) align (d) none

86. What is the CSS Property Equivalent for the align attribute ?
 (a) float (b) text-align
 (c) centre (d) both (a) and (b)
87. What is the latest version of CSS available ?
 (a) CSS2 (b) CSS3
 (c) CSS3.1 (d) CSS4
88. The first CSS specification to become an official W3C Recommendation is
 (a) (X)HTML CSS (b) CSS level 2
 (c) CSS level 2.1 (d) CSS level 1
89. What does screen media type is used for ?
 (a) For use with all devices
 (b) For use with handheld devices
 (c) For use with color computer screens
 (d) For use with television-type devices
90. What does HSL stands for ?
 (a) Hue Specified Lightness
 (b) Hue Spot Lightness
 (c) Hue Saturation Lightness
 (d) all of the above
91. Which of the following is a format for scalable computer fonts ?
 (a) EOT (b) WOFF
 (c) OTF (d) WOFF 2.0
92. Which type of server technology is used by Joomla ?
 (a) Joomla (b) Apache
 (c) PHP (d) all of the above
93. Joomla is written in which language ?
 (a) Java (b) PHP
 (c) c++ (d) HTML
94. Joomla is which type of source ?
 (a) Open (b) Paid
 (c) Free (d) Private
95. HTML comment begins with which symbol is use.
 (a) < (b) >
 (c) <! (d) →
96. HTML comment ends with which symbol.
 (a) < (b) >
 (c) <! (d) →
97. Colour code of #FF0000 represent the color
 (a) blue (b) green
 (c) red (d) black
98. Colour code of #00FF00 represent the color
 (a) blue (b) green
 (c) red (d) black
99. Colour code of #0000FF represent the color
 (a) blue (b) green
 (c) red (d) black
100. Colour code of #000000 represent the color
 (a) blue (b) green
 (c) red (d) black
101. Colour code of #FFFFFF represent the color
 (a) white (b) green
 (c) red (d) black
102. Which of the following plug-in can't be embedded by <object> element ?
 (a) Java applets (b) Flash players
 (c) PDF readers (d) Map
103. What is the prefix of all the browser-specific functions ?
 (a) NPP (b) UPP
 (c) NPN (d) GPN
104. Each cell of the table can be represented by using
 (a) <tr> (b) <td>
 (c) <th> (d) <thead>
105. For heading we can use
 (a) <td> (b) <tr>
 (c) <thead> (d) <th>
106. Headings of table lies inside
 (a) <thead> (b) <tfoot>
 (c) <th> (d) <tbody>
107. For adding caption to the table we use
 (a) <caption> (b) <thead>
 (c) <th> (d) <tr>
108. border-spacing is given in
 (a) pixels (b) cm
 (c) mm (d) inch
109. Borders can't be applied on
 (a) <th> (b) <td>
 (c) <tr> (d) <thead>
110. Which of the following is not the value for align attribute ?
 (a) justify (b) char
 (c) middle (d) left

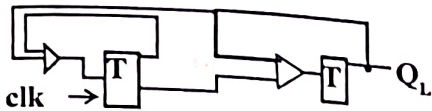
MCQs FOR COMPUTER PRACTICE

1. HTML is
 (A) Programming Language
 (B) Scripting Language
 (C) Web Browser
 (D) None of these
2. In SQL, Aggregate functions are
 (A) Count, MIN, MAX, AVG
 (B) Between, And, In
 (C) Both (A) and (B)
 (D) None of these
3. The link with another part of the program of connectors in flowchart is shown in
 (A) rhombus
 (B) Parallelogram
 (C) Circle
 (D) None of these
4. Variant is Data Type of
 (A) VB Script
 (B) Java Script
 (C) C Programming
 (D) None of these
5. Select case statement used in
 (A) Java Script
 (B) VB Script
 (C) Both (A) and (B)
 (D) None of these
6. RAM and ROM are
 (A) Primary Memory
 (B) Secondary Memory
 (C) Both (A) and (B)
 (D) None of these
7. Which control is combination of Text Box and List Box ?
 (A) List Box
 (B) Combo Box
 (C) Text Area
 (D) None of these
8. In Count << "Hello" statement << operator is called
 (A) Insertion operator
 (B) Extraction operator
 (C) get from operator
 (D) Both insertion operator and Extraction operator
9. In SQL to match a character pattern which operator is used ?
 (A) Between
 (B) Like
 (C) In
 (D) None of these
10. A CPU holds the instruction in which Register ?
 (A) Program counter
 (B) Index Register
 (C) Instruction Register
 (D) None of these
11. What is the full form of CRT ?
 (A) Credit Reserve Technology
 (B) Cathode Ray Tube
 (C) Catholic Research Transition
 (D) None of these
12. What is the full form of IVR ?
 (A) Interactive Voice Response
 (B) Interactive Vocational Retina
 (C) Instruction Visual Response
 (D) None of these
13. Invisible concentric circles on disk are called
 (A) Sectors
 (B) Circles
 (C) Tracks
 (D) None of these
14. What was the name of first electronic computer ?
 (A) ABACUS
 (B) ENIAC
 (C) MICRO Computer
 (D) None of these
15. 1 Nibble = Bits.
 (A) 2
 (B) 4
 (C) 6
 (D) 8
16. What is the full form of WORM ?
 (A) Write On Re-usable Media
 (B) Write on Random Media
 (C) Write Once Read Many
 (D) None of these
17. In Linux, which command is used to delete empty Directory ?
 (A) rmdir
 (B) rm
 (C) del
 (D) None of these
18. To add new slide to current presentation which shortcut key is used ?
 (A) CTRL + N
 (B) CTRL + M
 (C) CTRL + S
 (D) None of these
19. How many Bits number is IP Address ?
 (A) 8
 (B) 16
 (C) 32
 (D) 64

20. is used for remote login.
(A) Remote net (B) Telnet
(C) Login net (D) None of these
21. To move the cell pointer to the cell A1, press
(A) Home key (B) CTRL + Home key
(C) ALT + Home key (D) None of these
22. Word processing software used in open office is
(A) Word (B) Writer
(C) Word Perfect (D) None of these
23. ALTER Command is an example of
(A) DML (B) DDL
(C) DCL (D) All of these
24. What is the full form of CGM ?
(A) Computer Graduate & Master
(B) Computer Golden Moustache
(C) Computer Graphics Metafile
(D) Computer Got Memory
25. Which device is used for modulation and demodulation ?
(A) Modem (B) Module
(C) Demodule (D) None of these
26. In Excel function returns the input strings concatenated together.
(A) ADD (B) JOIN
(C) CONCATENATE (D) None of these
27. Saving the presentation while working on a slide which short cut key is used ?
(A) CTRL + F1 (B) CTRL + P
(C) CTRL + S (D) None of these
28. Saving the presentation to a new name which shortcut key is used ?
(A) F12 (B) F10
(C) F5 (D) None of these
29. In Java Script, which dialogbox is used to gave a warning to the users ?
(A) Alter (B) Confirm
(C) InputBox (D) None of these
30. The multiple branching statement is
(A) if else (B) if else if
(C) Switch case (D) Nested if
31. Array Index starting with
(A) 0 (B) 1
(C) 2 (D) 3
32. In "C", Array size is enclosed with
(A) { } (B) < >
(C) [] (D) ()
33. Java uses to represent characters.
(A) ASCII Code (B) Unicode
(C) Byte Code (D) None of these
34. Applet can be embedded in a
(A) MS Word document (B) RTF file
(C) HTML file (D) None of these
35. In C++, what is the full form of STL ?
(A) Simple Template Library
(B) Standard Template Library
(C) Static Type Library
(D) None of these
36. Wireless transmission can be done via
(A) Redio waves (B) Micro Waves
(C) Infrared (D) All of these
37. Which electronic component is used in fourth generation computer ?
(A) Transistor (B) Microprocessor
(C) Integrated Circuit (D) Bio-Chips
38. How many are types of comments in Java ?
(A) 2 (B) 3
(C) 4 (D) None of these
39. Java automatically converts byte and short to (In Expression)
(A) float (B) int
(C) double (D) None of these
40. Use of CTRL + W key is
(A) Save and Print Document
(B) Save Document and Close Word Program
(C) Save and Close Document
(D) None of these
41. Which of the following is not the Data type of Access ?
(A) TEXT (B) MEMO
(C) CHAR (D) NUMBER
42. Which is the type of DOS Command ?
(A) Internal Command (B) External Command
(C) Both (A) and (B) (D) None of these

43. Use of type command in DOS is
 (A) Displays the content of Saved file
 (B) Edit the content of file
 (C) Both (A) and (B)
 (D) None of these
44. The overall logical structure of database can be expressed graphically by
 (A) data flow chart (B) flow chart
 (C) directed graph (D) E-R diagram
45. Select SQL command to delete column from a table ?
 (A) ALTER TABLE Table Name DROP COLUMN Column Name
 (B) MODIFY TABLE Table Name DROP COLUMN Column Name
 (C) ALTER TABLE Table Name DROP Column Name
 (D) MODIFY TABLE Table Name DROP Column Name
46. Select false out of S1 and S2 statements about view.
 S1 : A view contains no data
 S2 : The table upon which a view is based are called base tables
 (A) S1 (B) S2
 (C) S1, S2 (D) None of these
47. In ASP, which function returns an expression formatted as a data or time ?
 (A) Format Date or Time ()
 (B) Format Date and Time ()
 (C) Format Time Date ()
 (D) Format Date Time ()
48. State true or false for the following statement about XML.
 (i) Xlink - add hyperlinks to XML file
 (ii) XSLT - a transformation language
 (A) (i) true, (ii) false (B) (i) false, (ii) true
 (C) (i) true, (ii) true (D) (i) false (ii) false
49. Which out of following is not used as secondary storage ?
 (i) PROM, EPROM (ii) FDD, HDD
 (iii) DDRAM, SDRAM (iv) none .
- (A) (i), (iii) (B) (ii), (iii)
 (C) (iv) (D) (i), (ii)
50. Arrange the measurement unit of CPU speed in ascending order.
 (A) THz, GHz, MHz, KHz, Hz
 (B) GHz, THz, MHz, KHz, Hz
 (C) Hz, KHz, MHz, GHz, THz
 (D) Hz, KHz, MHz, THz, GHz
51. Which out of following statements are true ?
 (i) The main memory is volatile
 (ii) The main memory is non-volatile
 (iii) The main memory is temporary
 (iv) The main memory is permanent
 (A) (i), (ii) (B) (ii), (iii)
 (C) (i), (iii) (D) (i), (iv)
52. Which is the first task a computer system performs as it starts ?
 (A) Perform memory testing
 (B) Perform POST
 (C) Perform Security Checking
 (D) Perform BIOS
53. Duality form of $A(B + \bar{C}) = (\bar{A} + B) + C$ is
 (A) $\bar{A}(\bar{B}C) = A\bar{B}C$
 (B) $\bar{A} + (\bar{B}C) = (\bar{A}B) = C$
 (C) $A + (\bar{B}C) = (\bar{A}B) C$
 (D) $A + (B + \bar{C}) = (\bar{A}B) C$
54. Find out the minimum expression of a given K-map. x indicates don't care.
- | | | PQ | | | |
|----|----|----|----|----|----|
| | | 00 | 01 | 11 | 10 |
| RS | 00 | 1 | 0 | 1 | 1 |
| | 01 | 0 | x | x | 1 |
| | 11 | x | x | 1 | x |
| | 10 | 1 | 0 | 1 | 1 |
- (A) $\bar{P} + QS$ (B) $\bar{P} + \bar{Q}S$
 (C) $P + Q\bar{S}$ (D) $P + \bar{Q}\bar{S}$

55. Circuit given below is



- (A) MOD-2 Counter (B) MOD-3 Counter
(C) MOD-4 Counter (D) MOD-5 Counter

56. Select the correct sequence of instruction execution.

- (A) fetch > decode > fetch operand > calculate operand > execute
(B) execute > calculator operand > fetch operand > decode > fetch
(C) fetch > fetch operand > decode > calculate operand > execute
(D) fetch > decode > calculate operand > fetch operand > execute

57. Select the output of a program [A] and [B] respectively. Assume stdio.h is included ?

- (A) main () {int a, b; a = 25; b = a + 5; a = b * a * NULL; printf ("%d\\", a);}
(B) main () {int a, b; a = 25; b = a + 5; a = b * a * NULL; printf ("%d", a);}
(A) error, 0 (B) 0, error
(C) error, error (D) \\0, 0

58. A given C program prints

```
# include < stdio.h>
main ( )
{char * x = "PROGRAMA", x += 4;
printf ("% s", x);}
```

- (A) GRAM (B) RAM
(C) PROG (D) MAR

59. Which out of the following is true about a linked list?

- (A) Consist of a set of nodes, each of which has two fields
(B) Consist of a set of nodes, each of which has one field
(C) Consist of a set of nodes, each of which without field
(D) None of these

60. Which of the following are true about tree ?

- (i) Every tree is a bipartite graph
(ii) A tree contains a cycle
(iii) A tree with n nodes contain n - 1 edges
(iv) A tree is a connected graph

- (A) (i), (iii), (iv) (B) (i), (ii)
(C) (ii), (iii) (D) (ii), (iv)

61. A search begins the search with the middle element of the array.

- (A) Random (B) Serial
(C) Parallel (D) Binary

62. The sequence of operations performed on a stack are : push (2), push (1), push (2), pop, push, (1) pop, pop, push (2)

Find the pop out sequence of values.

- (A) (1), (2), (1) (B) (2), (1), (2)
(C) (2), (1), (1) (D) (1), (2), (2)

63. A sort which compare adjacent elements in a list and switches where necessary is sort.

- (A) insertion (B) heap
(C) quick (D) bubble

64. State True / False for the following :

- (i) Process is an active entity
(ii) Program is a passive entity
(iii) Process is a program in execution

- (A) i-F, ii-T, iii-T (B) i-T, ii-T, iii-T
(C) i-T, ii-F, iii-T (D) i-T, ii-F, iii-F

65. The main objectives of SRS document are :

- (i) Functional requirement
(ii) non-functional requirement
(iii) Project planning
(iv) platform of development
(v) goals of implementation

- (A) (ii), (iii) (B) (iii), (iv)
(C) (i), (ii), (v) (D) all of these

66. Which one of the IP address is never appears in IP packet as a destination address ?

- (A) 255, 255, 255, 255 (B) 15, 127, 255, 255
(C) 127, 255, 255, 255 (D) 255, 255, 127, 15

67. What is the full form of HTTP ?

- (A) Hypertext transfer protocol
(B) Hypertext transfer package
(C) Hypertext transport protocol
(D) Hypertext test portocol

68. Which organization defines the web standards ?

- (A) IBM Corporation
(B) Google
(C) World Wide Web Consortium
(D) Apple Inc

69. What is the usage of alt value in tag in HTML ?
 (A) Alternative text for an image
 (B) Alternative source of an image
 (C) Caption of an image
 (D) All of these
70. Which SQL keyword is used to retrieve only unique values ?
 (A) DISTINCTIVE (B) DISTINCT
 (C) UNIQUE (D) NOTNULL
71. RDBMS stands for
 (A) Read Database Master System
 (B) Relational Database Management System
 (C) Real Database Management System
 (D) Relational Database Master System
72. Reusability is a desirable feature of a language as it
 (A) Decreases the testing time
 (B) Lowers the maintenance cost
 (C) Reduces compilation time
 (D) Both (A) and (B)
73. A computer program that converts an entire program into machine language at one time is called a/an
 (A) Interpreter (B) Simulator
 (C) Compiler (D) Commander
74. How many address lines are needed to address each memory locations in a 2048 x 4 memory chip ?
 (A) 10 (B) 11
 (C) 8 (D) 12
75. Interrupts which are initiated by an I/O drive are type of interrupts.
 (A) Internal (B) External
 (C) Software (D) Hardware
76. In C Programming determine the hierarchy of operations and evaluate the following expression.
 $KK = 3/2 * 4 + 3 / 8 + 3$
 (A) 8 (B) 7
 (C) 9 (D) 6
77. What will be the output of following ?

```
Void f() {
static int i:
++i;
```
- ```
printf ("%d", i);
}
```
- (A) 0 (B) error  
 (C) 1 (D) null
78. What number should be shown on the screen after the following statements of C are executed ?  

```
char c; int i; ch = 'G'; i = ch - 'A';
printf ("%d", i)"
```

  
 (A) error (B) 5  
 (C) 6 (D) 0
79. HTML document start and end with which tag pairs ?  
 (A) <HEAD> ... </HEAD>  
 (B) <BODY> ... </BODY>  
 (C) <HTML> ... </HTML>  
 (D) <WEB> ... </WEB>
80. Using HTML how to set a picture as a background web page ?  
 (A) <body <background="sun.gif">  
 (B) <body background = "sun.gif">  
 (C) <body "background image = "sun.gif">  
 (D) <background image = "sun, gif">
81. Which of the following statements gets the total value of the column 'price' in the 'sales' table ?  
 (A) SELECT TOTAL (price) FROM Sales  
 (B) SELECT ADD (price) FROM Sales  
 (C) SELECT SUM (price) WHERE Sales  
 (D) SELECT SUM (price) FROM Sales
82. Which SQL statement selects all rows from a table called products and ordered the result set by product ID column ?  
 (A) SELECT \* FROM Products WHERE ProductID > 200  
 (B) SELECT \* FROM Products ORDERED BY ProductID  
 (C) SELECT \* FROM Products ORDER BY ProductID  
 (D) SELECT ProductID FROM Products
83. Which part of computer performs all types of data processing operations ?  
 (A) Input Unit (B) CPU  
 (C) Output Unit (D) RAM

84. Which device converts graphics and pictorial data into binary inputs ?  
(A) Digitizer (B) Trackball  
(C) Lightpen (D) Joystick
85. Telephone network is an example of which kind of data flow ?  
(A) Simplex (B) Full duplex  
(C) Half duplex (D) No data flows
86. In which type of physical topology  $n(n-1)/2$  duplex mode links are needed ?  
(A) star (B) bus  
(C) ring (D) mesh
87. Which topology is used nowadays in local area networks ?  
(A) mesh (B) star  
(C) bus (D) ring
88. Which mechanism is used by hosts and gateways to send notification of datagram problems back to sender ?  
(A) Simple mail transfer protocol  
(B) Hypertext transfer protocol  
(C) Internet control message protocol  
(D) Internet group message protocol
89. How can - 6 be presented in one's complement form using four bits ?  
(A) 10110 (B) 0110  
(C) 1001 (D) 01001
90. .... is a supplementary protocol that allows non-ASCII data to be sent through E-mail.  
(A) SMTP (B) http  
(C) DNS (D) MIME
91. Which four things are specified by URL (Uniform resource locator) ?  
(A) Protocol host computer path  
(B) protocol, path  
(C) host computer and path  
(D) protocol, host computer, port and path
92. Security, usability, reliability performance, supportability - these are which types of requirements ?  
(A) functional  
(B) nonfunctional  
(C) on screen appearance requirements  
(D) user
93. Which type of testing checks if the desired outputs are produced when valide input values are given without verifying the actual implementation of the program ?  
(A) white box testing (B) black box testing  
(C) regression testing (D) integration testing
94. Which model in software development says that all the phases of software development life cycle will function one after the another in linear manner ?  
(A) prototype model (B) spider model  
(C) spiral model (D) waterfall model
95. What is the actual content of the database at a particular point in time is called ?  
(A) schema  
(B) physical data independencies  
(C) instance  
(D) view of data
96. Which SQL query is used to remove a table and all its data from the database ?  
(A) Create table (B) Alter table  
(C) Drop table (D) Update table
97. In computer systems information when used, copied into a faster storage system called ..... on a temporary basis.  
(A) free space (B) cache  
(C) disk storage (D) hard disk
98. In operating system the time of a submission of a process to the time of completion is the ..... time.  
(A) turn around time  
(B) waiting time  
(C) response time  
(D) CPU utilization time