474	**Smallest unit of computer memory is called .**						
(A)	Bit	**(B)**	Byte	**(C)**	Nibble	**(D)**	Binary interval
475	**Which virus executes when starting the computer ?**						
(A)	Boot sector	**(B)**	Logic bomb	**(C)**	Trojan horse	**(D)**	Redlof
476	**One or more computers connected to a hub are .**						
(A)	Ring network	**(B)**	Bus network	**(C)**	Star network	**(D)**	Mesh network
477	**Software that is used to view and search pages on internet is .**						
(A)	Web server	**(B)**	Web browser	**(C)**	Website	**(D)**	Web pages
478	**Memory management is function of**						
(A)	Application software	**(B)**	Device Driver	**(C)**	Utility program	**(D)**	Operating System
479	**An ink jet printer is an example of a (n**						
(A)	Laser printer	**(B)**	Impact printer	**(C)**	COM printer	**(D)**	Non impact printer
480	**Viruses are transferred from one computer to another due to .**						
(A)	Exchange data and program	**(B)**	Dust in room	**(C)**	Exchange of displaying screen	**(D)**	High temperature of room
481	**Each computer on a computer network is called a .**						
(A)	Link	**(B)**	Code	**(C)**	Node	**(D)**	Mode
482	**Modern computer can perform calculations or process at _____ high speed.**						
(A)	Per second	**(B)**	Per minute	**(C)**	Nino second	**(D)**	None of these
483	**Extra segment register deals with .**						
(A)	Stock Data	**(B)**	I/O Units	**(C)**	Mathematical data	**(D)**	Variables
484	**Which of the following is not an output device ?**						
(A)	Speaker	**(B)**	Printer	**(C)**	Plotter	**(D)**	Scanner
485	**Clip board in MS-Word stores.**						
(A)	Entered text	**(B)**	Deleted text	**(C)**	Copied text	**(D)**	Repeated text

Subjective Part

Short Questions

1.	Define arithmetic unit and logic unit of CPU.	**2.**	Define the term information technology (IT).
3.	Explain Global Village.	**4.**	Describe Keyboard.
5.	Define and explain IT.	**6.**	Describe Pointing Devices.
7.	Draw Computing Environment Diagram.	**8.**	How Mouse works?
9.	Describe Hardware Devices.	**10.**	How Track Ball works?
11.	Describe Software Classification.	**12.**	Describe Pointing Stick.
13.	Differentiate between Hardware & Software.	**14.**	Explain Touch Pad.
15.	Differentiate between PROM and EPROM.	**16.**	What is computer hardware?
17.	Describe the use of control bus	**18.**	What is system software?
19.	Define system bus.	**20.**	What is application software?
21.	Define bus interconnection?	**22.**	Differentiate between data and information.
23.	Write the name of different types of buses.	**24.**	Compare system software with application software.
25.	How does bus width affect data transfer?	**26.**	Define utility programs.
27.	Why I/O instructions are used?	**28.**	What is the purpose of central processing unit?
29.	What is DMA? Define it.	**30.**	Differentiate between bit and byte.
31.	What are interrupts?	**32.**	List different components of SDLC.
33.	Define I/O unit.	**34.**	What do you mean by implementation?
35.	Write tow advantages of interrupts.	**36.**	State the purpose of data gathering.
37.	How is data transferred from peripheral devices	**38.**	What is system? List different components of system.

to computer?	
39. What is the purpose of CPU registers?	**40.** Why is it important to test a system before use?
41. List some general purposes of registers.	**42.** Give two uses of e-mail.
43. What is stack pointer register?	**44.** Define telecommunication.
45. Name two segment registers.	**46.** What is work group computing?
47. What is code segment register?	**48.** What is the internet?
49. Differentiate between AL and AH register.	**50.** What is extranet?
51. What is program counter?	**52.** What is intranet?
53. State the purpose of memory buffer register.	**54.** Differentiate between intranet and extranet.
55. What is accumulator register?	**56.** What do you mean by uploading and downloading?
57. State the purpose of data segment register.	**58.** What is e-mail?
59. Define instruction register.	**60.** What does a gateway means?
61. What is instruction set?	**62.** What is network interface card?
63. Define the term compiler.	**64.** Write tow advantages of digital subscriber line.
65. What is language processor?	**66.** What is ARC net?
67. Define source code.	**68.** State the purpose of router.
69. Define object code.	**70.** Write essential components of network system.
71. Differentiate between source code and object code.	**72.** What do you mean by ISDN?
73. Define assembler.	**74.** What is group ware?
75. Distinguish between low level and high level language.	**76.** Distinguish between LAN and WAN.
77. Describe high level language.	**78.** Write the name of three LAN protocols.
79. Compare compiler and interpreter.	**80.** What is a computer network?
81. Briefly about low level language.	**82.** Describe networking concept.
83. Define interpreter.	**84.** What is the difference between server computer and terminal?
85. Explain virus activation in computer.	**86.** Define the term client.
87. What is biometrics?	**88.** Write two disadvantages of peer-to-peer model.
89. Identify two biometric methods to prove your identity to log on a system.	**90.** What is dedicated server?
91. Define pirated software.	**92.** Write two uses of server.
93. How pirated software spread viruses?	**94.** Write the use of server in computer networks.
95. How does virus spread through email?	**96.** State CSMA/CD.
97. What is logic bomb?	**98.** Define star topology.
99. How does a boot sector virus work?	**100.** What is ring topology?
101. List some types of viruses.	**102.** What is CSMA/CR?
103. Write basic functions of antivirus software.	**104.** Why terminators are used in bus topology?
105. Write names of four antivirus programs.	**106.** Define network topology.
107. Why it is necessary to backup data regularity?	**108.** Enlist different layers of OSI model.
109. Give three suggestions to protect your computer from virus.	**110.** State the purpose of data link layer.
111. State the purpose of password.	**112.** Write tow functions of network layer.
113. Explain data security.	**114.** Write two functions of session layer of OSI model.
115. Why is data security important?	**116.** Write the functions of Physical layer of OSI model.
117. How is security maintained on computer?	**118.** What is data communication?
119. Define security violation.	**120.** List out different elements of data communication.
121. Who is a hacker?	**122.** What is the role of sender in data communication?
123. Write any two security violations.	**124.** Define encoder and decoder.
125. Why data protection is important?	**126.** What is serial data transmission?

127. Define software privacy.	**128.** What is parallel data transmission?
129. Define command line operating system.	**130.** Define synchronous data transmission.
131. Give some example of GUI operating system.	**132.** What is start signal? Write its different states.
133. State the purpose of operating system.	**134.** Explain the term "Baseband".
135. What is the purpose of recycle bin?	**136.** Define bandwidth.
137. Describe the purpose of control panel.	**138.** Define broadband.
139. List out four object/components of windows operating system.	**140.** Distinguish baseband and broadband.
141. What is my document folder?	**142.** Write at least two characteristics of fiber optic.
143. Explain the use of windows explorer.	**144.** What is communication media?
145. Define desktop.	**146.** Define mobile communication.
147. Define internet explorer.	**148.** How can the computer help in marketing?
149. List at least two events of mouse.	**150.** What is the use of message handling system?
151. What is multitasking?	**152.** State the purpose of ATM.
153. Different between multitasking and multi-processing.	**154.** Define desktop publishing.
155. State the use of partition.	**156.** Define reprographics.
157. What is meant by primary partition?	**158.** Describe electronic banking.
159. What is file management?	**160.** Define the term video conferencing.
161. What is word processor?	**162.** What is electronic shopping?
163. List any two uses of word processor.	**164.** What is a robot?
165. What is spreadsheet?	**166.** Differentiate between CAD and CAM.
167. List tow benefits of spreadsheet.	**168.** What is computer simulation?
169. What is meant by cell reference?	**170.** Define monitoring system in hospital.
171. How formula is used in Excel?	**172.** What do you mean by CBT?
173. What are functions in MS-Excel?	**174.** Write tow benefits of computer aided learning.
175. Write down a formula to add five cell in a row in MS-Excel.	**176.** What is online education?
177. List any four functions of MS-Excel.	**178.** How computer can be useful in weather forecasting?
179. Write formula for calculating average of three numbers.	**180.** Explain weather forecasting.
181. Write a function that does total of cells A1 to A5.	**182.** What is stored program computer?
183. Define sum and average function.	**184.** What is computer architecture?
185. Differentiate between formula and function?	**186.** What is CPU?
187. What is meant by page orientation?	**188.** What function ALU perform?
189. Write two facilities provided by internet.	**190.** Write the difference between primary memory and cache memory.
191. What is website?	**192.** Describe the function of input/output unit.
193. Define web publishing.	**194.** What is control unit?
195. Define www.	**196.** What is logic unit of ALU?
197. Describe the term web browsing.	**198.** Why is RAM called volatile?
199. Explain URL.	**200.** Why does DRAM use more power?
201. How web pages are created?	**202.** Why does SRAM use less power than DRAM?
203. What is a search engine?	**204.** What is ROM?
205. Difference between URL and website.	**206.** Define PROM?
207. List name of some popular web browsers.	**208.** Differentiate between ROM and RAM.
209. Briefly describe web surfing.	**210.** Differentiate between SRAM and DRAM.

Long Questions