

SA-II

SUBJECT : COMPUTER SCIENCE

Class : VII

Time : 2 Hrs.

M.M.: 50

Q1. Choose the correct answer and write it in answer sheet: (6x1=6)

- (i) Symbol by which two parts of an e-mail address are separated.
- (a) ? (Question mark) (b) . (Dot)
(c) @ (At) (d) + (Plus)
- (ii) Virus that infects the boot record or master boot records:
- (a) Worm (b) Boot virus
(c) Spyware (d) Malware
- (iii) Founder of Twitter
- (a) Jack Dorsey (b) Narayan Murthy
(c) Tim Berners-Lee (d) Larry Page
- (iv) Which variable keeps track of the 'number of times' a particular instruction has been executed in a loop?
- (a) Control (b) Next
(c) For (d) Step
- (v) Who released the first PC virus?
- (a) Wright Brothers (b) Duke Brothers
(c) Farooq Alvi Brothers (d) Vinod Khosla
- (vi) Which value is optional in a 'For Loop' and can either be positive or negative?
- (a) While (b) NEXT
(c) STEP (d) Wend

Q2. Answer the following in one word or one sentence: (8x1=8)

- (a) Name the founders of Google.
- (b) Maximum number of loops that can be given within a loop.
- (c) Year in which first PC virus was released.
- (d) Full form of VIRUS.
- (e) Name the extra browser windows of commercial that open automatically while browsing webpages.
- (f) Text which is automatically added to your outgoing mail.

- (g) A type of malware that is installed on computer and collects information about users without their knowledge.
- (h) The clause with which 'while' loop ends.
- Q3. Explain the following : (5x2=10)
- (a) Worms (b) Newsgroup
(c) Mailing list (d) Trojan Horse
(e) Microblogging
- Q4. Answer the following: (5x3=15)
- (a) What are the three ways that can help in preventing a virus infection?
(b) What is an antivirus software? Give one example.
(c) How can we add a new contact in an address book?
(d) What are the three possible symptoms of virus in a computer?
(e) Define: (i) For_Next loop
(ii) Nested loop
- Q5. Write QBasic programs : (2x4=8)
- (a) To display your name 20 times on the screen.
(b) To display numbers from 25 to 5 with decreasing step of 5.
- Q6. (a) Saanvi's computer has got infected with a virus which leads to damage to the files and frequent hanging. Which software should she install to solve this problem? (1)
- (b) Rohan wants to be in touch with friends and relatives online. For this, he wants to create an account on social networking site. Name any social networking site he can choose. (1)
- (c) Shreya has written the following QBASIC program to display odd numbers from 1 to 20 but she is not getting the desired output. Find the errors and rewrite the correct program. (1)
- ```
CLS
for L = 1 to 20 step 1
print L
Next
end
```