

**SUBJECT : COMPUTER SCIENCE****Time : 2 Hrs.****M.M.: 50**

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

- (i) Which value is optional in a FOR loop?
- (a) Step (b) Next  
(c) While (d) Wend
- (ii) Symbol by which two parts of an e-mail address are separated -
- (a) ? (b) +  
(c) @ (d) \*
- (iii) A form of communication in which users can describe their status in short posts -
- (a) conferencing (b) e-commerce  
(c) e-banking (d) microblogging
- (iv) Which one is the name of a virus?
- (a) JanFirst (b) MarchFirst  
(c) MayFirst (d) AprilFirst
- (v) The programs which are self replicating -
- (a) virus (b) antivirus  
(c) tweets (d) popups
- (vi) Year in which first PC virus released -
- (a) 1897 (b) 1985  
(c) 1987 (d) 1900

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

- (a) Repeated execution of a set of statements in a program.

- (b) Maximum no. of loops that can be given within a loop.
- (c) Name given to the variable that keeps track of no. of times a process is executed.
- (d) A signed and dated log of individual posting.
- (e) Name the founder of 'Twitter'.
- (f) A type of malware that is installed on computer and collects information about users without their knowledge.
- (g) Virus that infects the boot record or master boot records.
- (h) Full form of virus.

Q3. Answer the following questions :

- (a) What is the use of For\_Next loop? (2)
- (b) What is nested loop? (2)
- (c) What is an antivirus software? Give one example. (2)
- (d) Name the founders of Google. (2)
- (e) What is a computer virus? Name any two types. (2)
- (f) How will you add a new contact in an address book? (3)
- (g) Write any three ways that can help in preventing a virus infection. (3)

Q4. Explain the following : (4x2=8)

- (a) Chat room                      (b) Attachment
- (c) Trojan Horse                (d) Mailing list

Q5. Write QBasic programs : (2x4=8)

- (a) To display a name 10 times on the screen.
- (b) To display numbers from 25 to 5 with decreasing step of 5.

Q6. (a) Sonali wants to be in touch with friends and relatives online. For this, she wants to create an account in a social networking site. Name any social networking site that she can choose.

(1)

(b) Rohit's computer has got infected with a virus which leads to damage of files and frequent hanging. Which software should he install to solve this problem?

(1)

(c) Karuna has written following QBasic program to display even numbers from 2 to 100 but she is not getting the required output. Find the errors and rewrite the correct program - (2)

CLS

For N = 2 to 100 step 1

print N

Next

End