Computer Science (Subjective)

Time: 02:10 Hours   Marks: 60 RAJOG.

SECTION – I

2. **Write short answers to any SIX parts.**   12
   - (i)   What is the use of utility program?
   - (ii)   Convert 512 MB of memory in kilobytes.
   - (iii)   What is the function of transport layer?
   - (iv)   How does bus topology work?
   - (v)   Which transmission media is used in LAN?
   - (vi)   How analog signals are represented graphically?
   - (vii)   What happens if a bus topology has too many computers?
   - (viii) Can intra-net and extra-net use the inter-net for transmission?
   - (ix)   How does a modem work?

3. **Write short answers to any SIX parts.**   12
   - (i)   Why RAM is called volatile memory?
   - (ii)   Write the usage of Ax and Bx registers.
   - (iii)   What is the reason to use one address instruction format?
   - (iv)   What do you know about customized software?
   - (v)   List any four names of computer viruses.
   - (vi)   Define antivirus program. Give any two examples.
   - (vii)   What do you mean about data security?
   - (viii) How DNS is better than IP addressing? Give one reason.
   - (ix)   Write four names of search engines.

4. **Write short answers to any SIX parts.**   12
   - (i)   What is font specification?
   - (ii)   Write the purpose of header and footer in MS-Word.
   - (iii)   Define World Art in word processor.
   - (iv)   What are two typing modes in MS-Word?
   - (v)   Write function which finds lowest number from cells D1 through D100.
   - (vi)   Write formula to calculate the sum of three numbers.
   - (vii)   Write the use of symbol # in custom format. Give an example.
   - (viii) Define page orientation in MS-Excel.
   - (ix)   Define chart.

SECTION – II   Attempt any THREE questions. Each question carries 08 marks.

5. Differentiate between system software and application software.

6. What is guided media? Briefly describe three different types of guided media.   02,02,02,02

7. How computer based training is different from computer aided learning? Write six benefits of computer based training.   02,06

8. What is ROM? Explain its types.

9. Differentiate between command line interface and graphical user interface operating system.

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