Code: R7411504

R07

B.Tech IV Year I Semester (R07) Supplementary Examinations, May 2013
COMPUTER SYSTEMS MAINTENANCE
(Computer Science & Systems Engineering)

Time: 3 hours   Max Marks: 80

Answer any FIVE questions
All questions carry equal marks

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1. (a) Explain in detail about the functionality of various input devices.
    (b) List and explain the features of popular operating system.

2. (a) Explain any eight general symptoms of BIOS trouble shooting.
    (b) Write a short note on AGP bus connector.

3. (a) What is CPU over clocking? Explain briefly.
    (b) List and explain the factors that affect the performance of CPU.

4. (a) Explain the major causes of data loss and give suggestions to minimize the danger.
    (b) What are the features of IDE?

5. (a) Explain various components of DVD ROM drive.
    (b) List the rules for caring a DVD disc.

6. (a) Discuss different ways to implement a hard disk servo mechanism.
    (b) List the problems of floppy drive and also give the solution to correct those problems.

7. (a) Explain briefly about ISDN, Win modem and DSL modems.
    (b) What is CAS latency bursting and pipelining?

8. (a) What are the symptoms of power problems? Explain how to overcome them.
    (b) Write a short note on surges and spikes.

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