

Code: 9A15501

R9

B.Tech III Year I Semester (R09) Supplementary Examinations, May 2013

SYSTEM PROGRAMMING

(Computer Science and Systems Engineering)

Time: 3 hours

Max Marks: 70

Answer any FIVE questions
All questions carry equal marks

- 1 (a) What are the different debug commands? Give the symbolic meaning of each command.
(b) Explain Dos and BIOS interrupt instructions.
- 2 Write in detail about conventional segment directives.
- 3 (a) Write short notes on flag registers.
(b) Write a program to clear the screen, set cursor to 0000 and to display the character set.
- 4 What are the different basic string instructions? Explain about each in brief.
- 5 (a) Explain how we use file handles to create disk files.
(b) Write the procedure for reading disk files.
- 6 Write short note on:
(a) EXTRN and PUBLIC attributes.
(b) ENTER and LEAVE instructions.
- 7 Explain about compile and go loaders scheme, general loader scheme.
- 8 (a) Explain the various phases of compiler in detail.
(b) Write a short note on code generation.
