



12. (a) Explain the features of machine-independent assembler. (16)

Or

(b) (i) Describe the data structures used in an Assembler. (8)

(ii) Discuss about the MASM assembler. (8)

13. (a) Explain the machine-dependent loader features. (16)

Or

(b) Discuss the loader design options. (16)

14. (a) Describe machine-independent macro processor features. (16)

Or

(b) Explain the macro processor design options. (16)

15. (a) Discuss the interactive debugging systems. (16)

Or

(b) Explain the structure of a typical editor with a neat diagram. (16)