

- 3 Answer the following. (Any Two) 14
- (a) Explain different characteristics of computer in detail. 7
 - (b) Write note on features of Hard Disk in detail. 7
 - (c) Explain ROM in detail. 7

- 4 Answer the following. 14
- (a) Cache memory Vs. Virtual memory. 7
 - (b) Explain Plotters in detail. 7

OR

- 4 Answer the following. 14
- (a) Difference between InkJet printer and Drum printer. 7
 - (b) Write a note on DVD ROM in detail. 7

- 5 Attempt any six. 18

(1) $(BAB)_{16} = (?)_2$

(2) $(D3)_{16} = (?)_2$

(3) $(101110)_2 = (?)_8$

(4) $(5112)_{10} = (?)_{16}$

(5) $(432267)_{10} = (?)_8$

(6) Addition :

$$(5647)_8 + (1425)_8$$

(7) Find complement of

$$(53)_{10}$$

(8) Subtracts :

$$(01110)_2 \text{ from } (10101)_2.$$