

3 Answer the Following : (Any two) 12

- (1) Primary Storage Vs Secondary Storage
- (2) Cache Memory Vs Virtual Memory
- (3) Inkjet Printer Vs Laser Printer

4 Answer the Following : (Any three) 15

- (1) Draw a block diagram of computer and explain all its functional units.
- (2) Explain in detail backup devices.
- (3) Write a short note on OCR and OMR.
- (4) Explain flash memory in detail.
- (5) Explain Monitor in Detail.

5 Answer the Following : (Any four) 16

- (1) $(1234)_{10} = (?)_2$
- (2) Subtract : $(01110)_2$ from $(10101)_2$
- (3) $(BBA)_{16} = (?)_8$
- (4) $(BCA)_{16} = (?)_2$
- (5) $(1670)_8 = (?)_{10}$
- (6) $(1011011.10110101)_2 = (?)_8$