

BCA/MAP:501 (O) (AK)

2 0 2 4

(5th Semester)

BACHELOR OF COMPUTER APPLICATIONS

Paper : MAP:501 (Old Course)

(Microprocessor Architecture and Programming)

KEY ANSWERS FOR OBJECTIVES

(PART : A—OBJECTIVE)

(Marks : 25)

- 1.** Put a Tick (✓) mark against the correct answer in the brackets provided : 1×10=10
- (a) (i) TRAP
 - (b) (i) S, Z, AC, P, CY
 - (c) (i) An op-code fetch cycle
 - (d) (iv) STA address
 - (e) (iv) holds the address of the top of the stack
 - (f) (iv) Accumulator
 - (g) (iv) Program counter
 - (h) (i) B-C, D-E, H-L
 - (i) (ii) It has a 16-bit data and a 20-bit address bus

(2)

(j) (ii) An integrated circuit that contains the functions of a CPU of a computer.

2. State whether the following statements are *True (T)* or *False (F)* by putting a Tick (✓) mark : 1×5=5

(a) True

(b) False

(c) True

(d) False

(e) True
