

# "ICT"

Names

: Roll Nos 23P

Section 1C

$$\Rightarrow (B1C)_{16} = \text{Hexadecimal}$$

$$\Rightarrow 11 \times 16^2 + 1 \times 16^1 + 12 \times 16^0$$

$$\Rightarrow (2844)_{10} = \text{Decimal}$$

$$\Rightarrow (1001)_2 = \text{Binary}$$

$$\Rightarrow 1 \times 2^3 + 0 \times 2^2 + 0 \times 2^1 + 1 \times 2^0$$

$$\Rightarrow 1 \times 8 + 0 + 0 + 1$$

$$\Rightarrow 8 + 1$$

$$\Rightarrow (9)_{10} = \text{Decimal}$$

$$\Rightarrow (2371)_8 = \text{Octal}$$

$$\Rightarrow 2 \times 8^3 + 3 \times 8^2 + 7 \times 8^1 + 1 \times 8^0$$

$$2 \times 512 + 3 \times 64 + 56 + 1$$

$$1024 + 192 + 57$$

$$(1273)_{10} = \text{Decimal}$$