

Revision-1

Date

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1) place, position, place value

2) Decimal number system

3) Value of $(1010)_2$

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

$$= 8 + 4 + 2 + 1$$

$$= 12 + 3$$

$$= (15)_{10}$$

4) $(229)_{10} = (345)_8$

$$= \begin{array}{r} 8 \overline{) 229} \\ 8 \overline{) 28} - 5 \\ 8 \overline{) 3} - 4 \\ 0 - 3 \end{array}$$

5) $(317)_8 = (207)_{10}$

$$= (317)_8$$

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

$$= 192 + 8 + 7 = (207)_{10}$$

6.) 10 to 15

7.) 4 bits

8.) 2 nibbles

9.)

$$9.) (59)_{10} = (3B)_{16}$$

$$= \begin{array}{r} 16 \overline{) 59} \\ \underline{48} \\ 11 \\ \underline{8} \\ 3 \\ \underline{0} \\ 3 \end{array}$$

10.) 1

11.) 1111/11

$$\begin{array}{r} 101 \\ 11 \overline{) 1111} \\ \underline{11} \\ 011 \\ \underline{11} \\ 0 \end{array}$$

Ans - $(101)_2$

12.) Database

- 14.) Criteria Option
- 15.) Data Tab
- 16.) Data Validation
- 17.) Sorting Data
- 18.) Insert Tab
- 19.) new worksheet radio button
- 20.) 2
- 21.) 16
- 22.) 8
- 23.) 10
- 24.) Binary
- 25.) Aryabhat
- 26.) organise
- 27.) form
- 28.) Tuple
- 29.) criteria
- 30.) Pivot Table