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Ans-1 Computer use Binary number system because it is made in Binary number i.e 0 to 1 means the system understands code language of Binary system as it is embedded in Binary number only i.e why computer only understand language of 0 to 1.

Ans-2 (1) Artificial Intelligence :

Artificial Intelligence is Scientific computer system. it is Branch of Computer science from which Computer behave like a human beings it includes Robotics, Expert advices, multi-purpose, etc.

(2) Advertisement : It is a publicity criteria to attract customers.

Advertisement is technique or tool to increase the sale of product. It is Costly and benefit for long run.

Ans-3 Number system used by computer are \rightarrow

- (i) Binary numbers : Computer uses Binary numbers i.e. 0 and 1
- (ii) Decimal numbers : It includes 10 digits number
- (iii) Hexadecimal number : It uses 16 digits numbers and a, b, c, d, e, f letters in it.
- (iv) Octadecimal number : It uses 8 digits numbers includes letters, etc.

Ans = 4 There are applications of Computers are:

- ① to work in office department
- ② In College / School / Coaching Centre / Institute
- ③ In Research and Scientific labs
- ④ In Banks, offices, shops, etc.

Ans = 5 Number system is Required, Because Computer understands Binary language and other languages it works in code systems so it requires number system.

Any 3 number system are \rightarrow .

① Binary Numbers: It uses only 0 to 1 language.

② Hexadecimal numbers: It uses 16 digits number and letters.

③ Decimal number: It uses 10 digit numbers and letters.