



**A. Tick (✓) the correct option :**

(MCQs)

- Which of the following is an example of artificial intelligence?  
(a) Video Games  (b) Smart phones   
(c) Smart cars  (d) All of these
- Voice assistance is an example of :  
(a) Music  (b) Song   
(c) Artificial Intelligence  (d) Machine learning
- Which of the following is the part of Artificial Intelligence?  
(a) Machine Language  (b) Cyber forensics   
(c) Full stack developer  (d) Network design
- What is the goal of Artificial Intelligence?  
(a) To solve artificial problems  (b) To extract scientific causes   
(c) To create intelligent machines  (d) To solve real world problems

**B. Fill in the blanks with the help of hint box.**

**Hint Box :** Deep Blue, Robots, aerospace, science, Alexa

- Artificial Intelligence is a branch of computer science.
- IBM's Deep blue computer was the first computer to beat the world chess champion.
- Alexa is a virtual assistant (AI technology) developed by Amazon.
- Robots perform their tasks with the help of humans through machine language.
- In Robotics, AI is used in complex manufacturing sectors like aerospace.

**C. Write 'T' for true and 'F' for false statements.**

- Artificial Intelligence is also called expert system.  T
- Artificial Intelligence machines can work 24 x 7.  T
- Artificial Intelligence is based on Learning component.  F
- Data base is a part of Artificial Intelligence.  T
- Robotics is not a branch of Artificial Intelligence.  F

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Computer  
Ch-9 Artificial Intelligence

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\* Q/A

Q-1 Define Artificial Intelligence.

Ans Artificial Intelligence is a wide-ranging branch of computer science that aims to create intelligent machines like computers.

Q-2 Give two examples of real life applications of AI.

Ans Two examples of real life applications of AI are:-

- ① Online Shopping,
- ② Smart phones.

Q-3 What are the main applications in robotics where Artificial Intelligence is used?

Ans Main applications in robotics where Artificial Intelligence is used are:-

- ① Assembly,
- ② Packaging,
- ③ Customer Service,
- ④ Open source Robotics.

Q-4 What are the Capabilities of Alexa?

Ans Alexa is capable for voice interactions, music playback, making to-do lists, setting alarms, playing audio books etc.