

Worksheet

2

Name:

Roll No: Class: Section:

Date:

FUTURE OF ARTIFICIAL INTELLIGENCE

Chapter-6

A. Fill in the blanks.

1. The first stage of AI involved expert systems such as chatbots like and IBM Watson.
2. The second wave of AI technology was based on which included the systems that were designed to learn and perceive.
3. In future, AI will have a huge impact on transport.
4. CCTV based monitoring using AI can help in building to keep a check on potential criminal incidents and security of the residents.
5. The concept of refers to the use of technology to provide better services to the residents and to solve their problems.

B. State whether these statements are true or false.

1. The main idea behind smart city is reduced waste and inconvenience, and improved social and economic quality.
2. Google's DeepMind has already beaten doctors in detecting fatal diseases like breast cancer in its early detection.
3. A is green, which means there are plants and trees all around the road.
4. Any country's growth depends on its and financial condition.
5. AI-assisted technology have built an autonomous weapon system.

C. Assertion and reasoning based question.

Assertion (A): Smart homes have many benefits which increases our comfort level.

Reason (R): AI enabled homes will let us turn on our lights, play favourite music or change our room temperature, at the tap of our smartphones. We can have our coffee ready when we wake up, automatically turn on and off ACs, lights, fans, etc.

1. Both A and R are correct and R is the correct explanation of A.
2. Both A and R are correct but R is NOT the correct explanation of A.
3. A is correct but R is not correct.
4. A is not correct but R is correct.

Select the correct answer from above options.