Name: ....

Roll No: .... Class: .... Section: ....

Date: ....

DOMAINS OF AI

Chapter-10

A. Fill in the blanks.

1. AI enabled .... can explore in space, go underwater, help in digging and mining tasks.

2. Humans spend a large amount of time and effort to .... and filter data, but AI systems can manage and organise huge volumes of data in much less time.

3. Human intelligence is not .... proof, but AI systems are.

4. The speed at which humans take decisions is much .... than AI systems.

5. Self-driving cars use .... to examine their surroundings and plan its path.

B. State whether these statements are true or false.

1. Computer Vision is also used for security and surveillance. ....

2. Using data from many sources, AI can build a store house of knowledge .... that ultimately leads to accurate predictions about a consumer.

3. AI's ability to work so well with data analytics is because of its use of NLP. ....

4. Big Data is a subfield of AI which helps in communication between .... human and computer in natural language.

5. NLP checks the sender of the email and categorises the mails as .... spam or junk.

C. Assertion and reasoning based question.

1. Assertion (A): AI enabled machines/systems can explore in space, go underwater, help in digging and mining tasks.

2. Reason (R): The tasks that are considered dangerous for human beings can be easily handled by using AI enabled machines.

   a. Both A and R are correct and R is the correct explanation of A.

   b. Both A and R are correct but R is NOT the correct explanation of A.

   c. A is correct but R is not correct.

   d. A is not correct but R is correct.

Class -8

Grade: ⭐ ⭐ ⭐ ⭐ ⭐

Teacher's Signature: ....