** SINDHI HIGH SCHOOL, HEBBAL**

**PERIODIC TEST - I (2023-24)**

**SUBJECT – Artificial Intelligence(417)**

**Class: IX Marks: 20**

**Date: /8/2023 Reading Time: 8:05 to 8:15 am Number of printed sides: 4 Writing Time: 8:15 to 9:15 am**

**General Instructions:**

**GENERAL INSTRUCTIONS:**

**This Question Paper is divided into 02 sections, viz., Section A, and Section B.**

**Section A is of 10 marks each question carrying one mark**

**Section B is of 10 marks and has 4 questions**

**(Q11 & Q12 carries 2 marks each and Q13 & Q14 carries 3 marks each)**

**SECTION A**

1. Which of these sentences use uppercase letters correctly? **1**
2. I am Hungry.
3. Divya And Sunil are reading.
4. The bucket is Full of water.
5. She lives in Delhi.

1. Niraj had difficulty in speaking English. He, therefore, avoided talking to his classmates. He believed that he can learn English by joining English speaking classes and in few days, he was able to speak English fluently. Which of the following quality is he demonstrating?
2. Personal hygiene and grooming **1**
3. Self-control
4. Self-confidence
5. Team work
6. What is the best way to start our day positively? **1**
7. Think about all your accomplishment so far and feel good about it.
8. Think about all that can go wrong.
9. Think about the difficult test you will face during the day.
10. Think about the traffic on the road and feel stressed.
11. **Which one of the following statements is false? 1**
12. You need to create an account before you can send an e-mail.
13. You do not need an Internet connection to use your Gmail account.
14. You should sign out of your account when you are not

using the computer.

1. ***Statement1:*** AI is getting integrated into our lives seamlessly. **1**

***Statement2:*** Often we do not even realize that we are using AI.

1. Statement 2 is correct and Statement 1 is incorrect.
2. Statement 1 is correct and Statement 2 is incorrect
3. Both Statement1 and Statement2 are correct
4. Both Statement1 and Statement2 are incorrect
5. IoT is abbreviated as **1**
6. Institute of Technology
7. Internet of Things
8. Index organized Table
9. Inter-operability Test

1. An application lets you search what you see, get things done faster and understand the world around you – using just your camera or a photo. Which domain does this app belong to?
2. Natural Language Processing **1**
3. Data Sciences
4. Computer Vision
5. Artificial Language Processing
6. Match the following. **1**

|  |  |
| --- | --- |
| **Column A** | **Column B** |
| 1. Smart Mobility | i) Resources and Sustainability |
| 2. Smart Environment | ii) Creativity and Social Capital |
| 3. Smart People | iii) Infrastructure and Transport |

1. 1 -> i) ; 2 -> ii) ; 3 -> iii)
2. 1 -> ii) ; 2 -> iii) ; 3 -> i)
3. 1 -> iii) ; 2 -> i) ; 3 -> ii)
4. 1 -> iii) ; 2 -> ii) ; 3 -> i)
5. Artificial Intelligent can be used in games to the encouragement of gamers. **1**
6. (True/False)
7. Which of the following is not a virtual assistant? **1**
   1. Alexa
   2. Cortana
   3. Siri
   4. Chatbot

**SECTION B**

1. Name any 4 real world examples of an AI. **2**

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. What do you understand by machine learning. Illustrate with an example. **2**

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Write any three benefits that a *smart home* can give to the elderly people **3**

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Name the three domains of Artificial Intelligence. Also, name one game that is associated with each domain. **3**

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*