A logo of a book

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**I-Periodic Test [2024-25]**

**SUBJECT: Artificial Intelligence (417)**

**Class: X Max Marks: 25**

**Date: 17.06.2024 Reading Time: 8:25 to 8:35 am**

**No of Sides:02 Writing Time: 8:35 to 9:35 am**

**General Instructions**:

The Question paper will be divided into 3 Parts A,B and C

1. Part- A will carry 15 MCQ type questions of 1 mark each. All questions are compulsory.
2. Part- B will carry 4 short answer questions of 2 marks each. Answer any 3 questions.

(iii) Part- C will carry 2 long answer question of 4 mark. Answer any 1 questions

**PART-A**

1. Grooming is a term associated with

(a) time management (b) problem solving

(c) neat and clean appearance (d) self-management

2) Which software checks whether the device is functioning properly or not?

(a) operating system (b) application software

(c) anti-virus software (d) Microsoft word

1. A self-employed person who is always trying to make his/her business better by taking

risks and trying new ideas is called \_\_\_\_\_\_\_ .

(a) Skilled man (b) Business man

(c) Entrepreneur (d) None of the above

4) Which of these are examples of positive feedback?

(a) Excellent, your work has improved (b) I noticed your dedication towards the project

(c) You are always doing it the wrong way (d) All of the above

5) Choose the option which is not a sustainable development goal according to United Nations.

(a) Clean Water and Sanitation (b) Gender Equality

(c) Population (d) Reduced Inequalities

6) A Category of intelligence relating to the ability to process information on the environment around

us is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(a) Musical Intelligence (b) Naturalist Intelligence

(c) Interpersonal Intelligence (d) Kineasthetic Intelligence

7) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is the ability to communicate with others by understanding other people’s

feelings.

(a) Existential Intelligence (b) Naturalist Intelligence

(c) Kineasthetic Intelligence (d) Interpersonal Intelligence

8) Which of the following is not an example of AI?

(a) Fully Automatic Washing Machine (b) Weather Forecast

(c) Facial Recognition (d) Google Maps Ans.

9) \_\_\_\_\_\_\_\_ domain of AI that depicts the capability of a machine to get and analyse visual information

(a) AI (b) Computer Vision

(c) Data Science (d) Natural Language Processing

10) Email filter is an example of \_\_\_\_\_\_\_\_\_

(a) Computer Vision (b) Data Science

(c) NLP (d) None of the above

11) Which of the following is an AI enabled?

(a) A machine that gets trained first on the training data and then optimizes itself according to its

own experiences

(b) A machine which can automate our surroundings with the help of sensors.

(c) A machine which is not trained with any data.

(d) None of the above

12) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is the world’s first humanoid.

(a) Sophia (b) Sophy (c) Stephen (d) Softy

13) \_\_\_\_\_\_\_\_\_ comprises the crucial part of intelligence.

(a) Understanding (b) Decision Making (c) Self Awareness (d) Recognition

14) Whenever you download an app and install, it asks you for several permissions to access your phone’s

data in different ways. So the data which is collected by applications is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(a) ethical (b) unethical (c) illegal (d) weak

15) Select a game which is based on Data Science domain of AI:

(a) Rock Paper and Scissors (b) Mystery Animal

(c) Emoji Scavenger Hunt (d) Pokémon

**PART-B (answer any 3 questions)**

16) Where do we collect data from? (any 4 examples )

17) Mention four examples of artificially intelligent applications in our smartphones. (any 4)

18) What is Computer Vision? Give an example.

19) What is Data science? Give an example.

**PART-C (answer any 1 question)**

20) What is Intelligence? Explain in brief any three types of intelligence that are mainly perceived by

human beings?

21) What do you understand by AI, ML & DL? How are they different from each other?

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