



B. K. BIRLA CENTRE FOR EDUCATION, PUNE

(SENIOR SECONDARY CO-ED DAY CUM RESIDENTIAL SCHOOL, AFFILIATED TO CBSE NEW DELHI)

PRE MID TERM (2024-25) ARTIFICIAL INTELLIGENCE



Class : IX
Date : 31-07-2024

Duration : 1 hour
Max. Marks : 25

I. Multiple Choice Questions :

(12 X 1 = 12)

- (1) Which of the following is not a self management skill ?
(a) Rational ability (b) Personal quality (c) None of these
- (2) Which of the following shows your ability to participate as a member of a team ?
(a) interpersonal skill (b) communication skill (c) none of these
- (3) General feeling of self worth is known as ?
(a) self confidence (b) self esteem (c) none of these
- (4) refers to a belief about your own ability to deal with events and challenges.
(a) self confidence (b) self efficacy (c) self monitoring
- (5) A technology used in unmanned vehicles like self driving cars and drones is called
(a) hybrid technology (b) artificial intelligence
(c) space technology (d) solid state intelligence
- (6) A program that is used to detect unsolicited and unwanted email and prevent those messages from getting to a users inbox.
(a) Auto response (b) spam filter
(c) email filter (d) email blocker
- (7) Which of the following companies is working on driverless car ?
(a) Tesla (b) ampere
(c) Joule (d) Amazon
- (8) AI has enabled various song and music apps to recommend which of the following to the users ?
(a) best music director (b) song list based on the user's choice
(c) duration of a song (d) singer of a song
- (9) Which of the following is not a part of the 4 Ws problem Canvas ?
(a) Who ? (b) Why ? (c) What ? (d) Which ?
- (10) The block will help in looking into the situation in which the problem arises, the context of it, and the locations where it is prominent.
(a) What ? (b) Where ? (c) Who ? (d) Which ?
- (11) A shows the components and boundaries of a system and the components of the environment at a specific point in time.
(a) choropleth map (b) system map (c) concept map (d) mind map
- (12) is the presentation of data in graphical format.
(a) Data exploration (b) data visualisation (c) data modelling (d) data presentation

II. Short Answer Type Questions : (Answer any four)

(4 X 2 = 8)

- (1) Define self management skills.
- (2) What are the three broad areas influenced by self management skills. Explain any two.
- (3) Explain spam filter.
- (4) Mention and explain any two limitations of AI.
- (5) What is an AI project cycle ? Explain.
- (6) What is Data visualisation ? Mention two data visualisation techniques.

III. Long Answer Type Questions : (Answer any two)

(2 X 2.5 = 5)

- (1)** Explain any three factors building self confidence of a person.
- (2)** How is AI being used in our daily lives ? Explain any three uses.
- (3)** Explain the concept of a system map along with an example.

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