



B.K. BIRLA CENTRE FOR EDUCATION

SARALA BIRLA GROUP OF SCHOOLS
A CBSE DAY-CUM-BOYS' RESIDENTIAL SCHOOL



PERIODIC TEST I 2026-27

ARTIFICIAL INTELLIGENCE – SET – 1

Class : VII

Date :

Admission No.:

Duration: 1 Hrs

Max. Marks : 25

Roll No.:

General Instructions:

Try to attempt all questions as per given order.

All questions are compulsory.

The Question Paper is divided into Three sections Section A to C.

- Section A has 11 questions attempt 11 and carry 1 mark each.
- Section B has 4 questions attempt 4 and carry 2 marks each.
- Section C has 2 questions attempt 2 and carry 3 marks each.

SECTION – A

Q1. Choose the correct answer from the given options

(6x1 =6)

A. What does NLP stand for?

- a) New Language Protocol b) Natural Language Processing
c) Neural Learning Program d) Numeric Logic Processing

B. Which of the following is an example of NLP in daily life

- a) Taking a photo with a phone b) Using Google Translate
c) Playing a video game d) printing a document

C. A Chabot is a software that simulates a _____ with a user.

- a) Painting b) conversation c) calculation d) video

D. Which type of Chabot is easy to make and works around a pre-programmed script?

- a) Smart-bot b) Script-bot c) Super-bot d) Data-bot

E. When your phone guesses the next word you want to type, it is using which NLP feature?

- a) Spam Filter b) Sentiment Analysis c) Predictive Text d) Translation

- F. Data that has been processed and organized to give it meaning and context is called:
a) Raw Data b) Sound Data c) Information d) Image Data

Q2. Fill in the blanks

(5x1 =5)

- A. _____ is the process of representing data in charts, graphs, and maps.
- B. A _____ data footprint refers to data that is deliberately shared by a user through online forms or social media profiles.
- C. _____ is one of the earliest chatbots ever created, dating back to 1964.
- D. _____ is an example of AI chatbot.
- E. Computers understand the language of _____.

SECTION – B:

Short Answer Questions

(2x4 =8)

- Q3.** What is NLP? Mention any two real-world applications of NLP.
- Q4.** What is the difference between a Script-bot and a Smart-bot? (Give two points each)
- Q5.** What is Data Visualization? Mention two types of charts used in data visualization
- Q6.** What is Computer vision? Mention its one use.

SECTION – C:

Long Answer Questions

(3x2 =6)

- Q7.** Explain any 3 uses of NLP in daily tasks.
- Q8.** What is the difference between Data and Information? (Give 3 points each)

*** END OF QUESTION PAPER – SET 1- ALL THE BEST **