



B.K. BIRLA CENTRE FOR EDUCATION

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



POST MID TERM 2025-26

ARTIFICIAL INTELLIGENCE (417)

Class : IX
Date : 07-01-2026
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 6 questions attempt only 4 and carry 2 marks each.
- Section C has 4 questions attempt only 2 and carry 3 marks each.

Section-A

- Which of the following symbols is used in flowcharts to take input from the user? 1
a. Diamond b. Rectangle c. Oval d. Parallelogram
- Which of the following is a valid logical operator? 1
a. and b. != c. + d. >=
- Which of the following is a data type that has two built-in values True or False? 1
a. Boolean b. Numbers c. Integer d. String
- If L1 = ['O', 'R', 'A', 'N', 'G', 'E'], then which of the following will be the output of the given statement? 1
print (L1[::-1])
a. Prints the list as it is b. Prints the list in reverse order
c. Prints the last element of the list d. Prints the first element of the list
- What will be the output of the following code? 1
if (True) :
 print ("Hello")
else:
 print ("Hi")
a. Hello b. Hello Hi c. Hi d. Nothing will print
- What letter will be printed on the screen after running this code: 1
city = "Exeter"
letter = city[3]
print (letter)
a. E b. x c. t d. Nothing prints

7. What does Fourth Partner Energy, which is one of the famous Green Projects of India, focuses? 1
 - a. To make solar energy accessible
 - b. To make bio-gas accessible
 - c. To make wind energy accessible
 - d. To make nuclear power accessible
8. Which of the following is supported by Waste Management? 1
 - a. Disposal of waste
 - b. Too much waste generated needs to be managed
 - c. Reduce, Reuse, Repurpose, Refuse and Recycle
 - d. Proper collection of waste of all types in one place
9. Since when Environmentally Sustainable development has become the main goal of all the countries across the globe? 1
 - a. All Nations Summit in 2000
 - b. All Nations Conference in 1998
 - c. America Conference in 1998
 - d. UN Conference on Environment and Development (UNCED) in 1992
10. The term "Green economy was first coined by which of the following? 1
 - a. Government of India
 - b. Government of United Kingdom
 - c. Government of America
 - d. Government of China
11. Which of the following is used to conserve our natural resources?
 - a. Furniture Conservation
 - b. Water Conservation
 - c. Money Conservation
 - d. Clothes Conservation

SECTION - B

12. What is Green Skill Development Programme? 2
13. What is Global Warming? 2
14. What do you understand by the term Eco System? 2
15. What is the use of sort() function of a list? 2
16. Why are flowcharts are more preferred than algorithms? 2
17. What is the difference between pop () and remove() functions? 2

SECTION – C

18. Explain the main causes of soil pollution? (any three) 3
19. Explain any three social benefits of the Green Economy. 3
20. Give three difference between an algorithm and a flowchart. 3
21. Write a program, Input three angles and check whether they form a tringle or not. 3

******* ALL THE BEST !!! *******