

# **D.A.V PUBLIC SCHOOL, SASARAM**

**Home Assignment (H.A) for Summer Vacation**

**Class – XII Session - 2024-25**

## **ENGLISH**

Justify the title, 'Lost Spring ', compare & contrast the character of Saheb & that of Mukesh, message of The Last Lesson.

## **CHEMISTRY**

ALL QUESTIONS OF EXERCISE, CHAPTER – SOLUTION

## **PHYSICS**

ALL QUESTIONS OF EXERCISE, CHAPTER - ELECTRIC FIELD AND CHARGES

## **BIOLOGY**

ALL QUESTIONS OF EXERCISE, CHAPTER NO- 2, HUMAN REPRODUCTION

## **MATHS**

1. Find the value of  $\tan^{-1} 1 + \tan^{-1} 2 + \tan^{-1} 3$  .

2. If matrix  $A = \begin{bmatrix} 1 & 2 & 1 \\ -2 & 1 & 3 \\ 4 & 5 & 6 \end{bmatrix}$  then find  $A^{-1}$  .

3. Solve the following equations by Matrix method .

$$2x - 3y + 3z = 1$$

$$x + 2y + z = 3$$

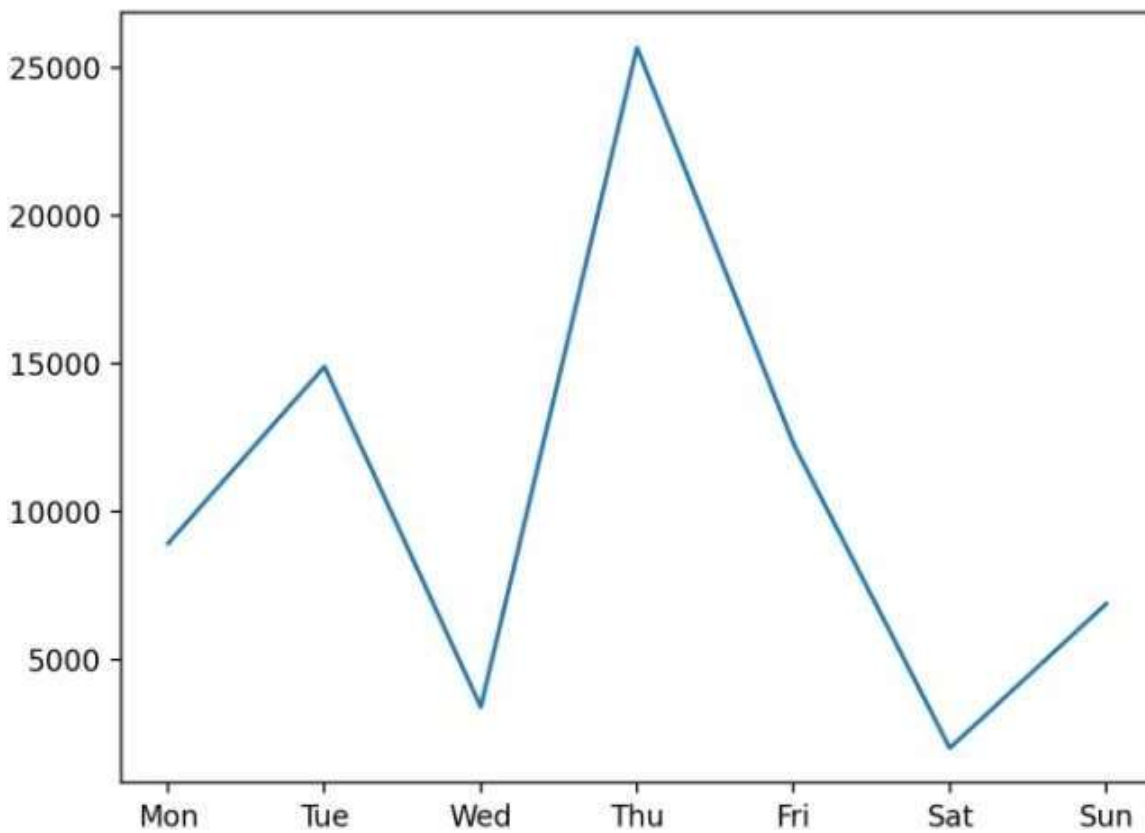
$$4x - y = 2$$

## INFORMATICS PRACTICES

1. Write the output for the given Python code.

```
import matplotlib.pyplot as plt
days = ["Mon", "Tue", "Wed", "Thu", "Fri", "Sat", "Sun"]
steps_walked = [8934, 14902, 3409, 25672, 12300, 2023, 6890]
plt.plot(days, steps_walked)
plt.show()
```

2. Write a program for the given output.



## PAINTING

H.A.

Answer the questions of Chapter 3 & 4

P.W.

Prepare a Painting Portfolio Landscape for Water colour work, Object art Pencil Shading work and Gel pen work

## **PHYSICAL EDUCATION**

### 1. Write Short Note

- A. Flat foot
- B. Knock Knee
- C. Bow Leg
- D. Round Shoulder
  - Kyphosis
  - Lordosis
  - Scoliosis

2. Draw a Knock -Out Fixture for 24 Team With all Steps Method and 4 Team is Seeded

3. Draw a League Tournament Fixture Cyclic and Staircase Method

4. What is Community Sports Programme. Explain ?

5. Write about female athletes train in detail .