SET A

1. Write an assembly language program to display your name.
2. Write an assembly language program to evaluate the following expression:

$$X*X + (2 + 3X) + X^2$$

3. Write an assembly language program to display the following series:

1 4 7

4. Write a assembly language program to generate the Fibonacci series.

SET B

1. Write an assembly language program to display your university name.
2. Write an assembly language program to evaluate the following expression:

$$(2 - X) + (5X^2 / 5)$$

3. Write an assembly language program to display the following series:

1 3 5 7

4. Write a assembly language program to generate the factorial of a given number.

SET C

1. Write an assembly language program to display your department name.
2. Write an assembly language program to evaluate the following expression:

$$((X - Y) / 5Z)^2$$

3. Write an assembly language program to display the following series:

8 6 4 2

4. Write a assembly language program to decide whether a number is odd or even.

SET D

1. Write an assembly language program to display your university name.
2. Write an assembly language program to evaluate the following expression:

$$((5X / Y) + 2X * X)^2$$

3. Write an assembly language program to display the following series:

0 1 4 9

4. Write a assembly language program to generate the factorial of a given number.

SET E

1. Write an assembly language program to display your name.
2. Write an assembly language program to evaluate the following expression:

$$(XY + YZ + ZX)^2$$

3. Write an assembly language program to display the following series:

7 5 3 1

4. Write a assembly language program to generate the Fibonacci series.

SET F

1. Write an assembly language program to display your department name.
2. Write an assembly language program to evaluate the following expression:

$$(3X - 2Y + Z)^2$$

3. Write an assembly language program to display the following series:

2 4 6 8

4. Write a assembly language program to decide whether a number is odd or even.