# Question 1 [25 marks]

0: 
$$7 - 14 = -7$$

1: 
$$3 - 16 = -13$$

$$2: 1 - 10 = -9$$

$$3: 9-13=-4$$

4: 
$$5 - 12 = -7$$

5: 
$$4 - 12 = -8$$

6: 
$$3 - 12 = -9$$

7: 
$$4 - 15 = -11$$

8: 
$$8 - 10 = -2$$

9: 
$$9 - 13 = -4$$

10: 
$$6 - 13 = -7$$

11: 
$$7 - 14 = -7$$

12: 
$$1 - 16 = -15$$

13: 
$$3 - 20 = -17$$

14: 
$$7 - 10 = -3$$

15: 
$$3 - 17 = -14$$

16: 
$$7 - 16 = -9$$

17: 
$$10 - 13 = -3$$

18: 
$$2 - 15 = -13$$

19: 
$$3 - 19 = -16$$

$$20: 2 - 13 = -11$$

$$21: 7 - 14 = -7$$

$$22: 9 - 18 = -9$$

23: 
$$10 - 18 = -8$$

24: 
$$1 - 12 = -11$$

25: 
$$10 - 16 = -6$$

 $sub\_1to10\_10to20$ 

### Question 2 [25 marks]

$$0: 2 - 16 = -14$$

1: 
$$5 - 17 = -12$$

$$2: 8 - 20 = -12$$

$$3: 10 - 20 = -10$$

4: 
$$1 - 15 = -14$$

5: 
$$9 - 19 = -10$$

6: 
$$6 - 16 = -10$$

7: 
$$8 - 11 = -3$$

8: 
$$3 - 18 = -15$$

9: 
$$8 - 16 = -8$$

10: 
$$8 - 14 = -6$$

11: 
$$5 - 10 = -5$$

12: 
$$1 - 11 = -10$$

13: 
$$9 - 11 = -2$$

14: 
$$9 - 13 = -4$$

15: 
$$1 - 16 = -15$$

16: 
$$6 - 14 = -8$$

17: 
$$9 - 10 = -1$$

18: 
$$10 - 12 = -2$$

19: 
$$6 - 12 = -6$$

20: 
$$5 - 14 = -9$$

$$21: 9 - 11 = -2$$

$$22: 1 - 15 = -14$$

$$23: 2 - 13 = -11$$

$$24: 9 - 16 = -7$$

25: 
$$10 - 10 = 0$$

## Question 3 [25 marks]

$$6 - 12 = -6$$

1: 
$$3 - 19 = -16$$

$$2: 8 - 19 = -11$$

$$3: 1 - 15 = -14$$

4: 
$$2 - 15 = -13$$

5: 
$$2 - 11 = -9$$

6: 
$$10 - 17 = -7$$

7: 
$$2 - 18 = -16$$

8: 
$$2 - 12 = -10$$

9: 
$$5 - 13 = -8$$

10: 
$$7 - 12 = -5$$

11: 
$$3 - 16 = -13$$

$$12: 9 - 13 = -4$$

13: 
$$9 - 14 = -5$$

14: 
$$8 - 10 = -2$$

15: 
$$4 - 18 = -14$$

16: 
$$7 - 11 = -4$$

17: 
$$1 - 11 = -10$$

18: 
$$3 - 20 = -17$$

19: 
$$6 - 13 = -7$$

20: 
$$10 - 16 = -6$$

$$21: 9 - 19 = -10$$

22: 
$$7 - 10 = -3$$

$$23: 3 - 13 = -10$$

24: 
$$5 - 16 = -11$$

25: 
$$10 - 20 = -10$$

 $sub\_1to10\_10to20$ 

### Question 4 [25 marks]

0: 
$$10 - 19 = -9$$

1: 
$$8 - 15 = -7$$

$$2: 9 - 12 = -3$$

$$3: 2 - 10 = -8$$

4: 
$$6 - 19 = -13$$

5: 
$$8 - 16 = -8$$

6: 
$$5 - 11 = -6$$

7: 
$$7 - 19 = -12$$

8: 
$$10 - 13 = -3$$

9: 
$$7 - 10 = -3$$

10: 
$$10 - 20 = -10$$

11: 
$$9 - 18 = -9$$

12: 
$$6 - 12 = -6$$

13: 
$$10 - 18 = -8$$

14: 
$$1 - 10 = -9$$

15: 
$$4 - 18 = -14$$

16: 
$$10 - 16 = -6$$

17: 
$$1 - 18 = -17$$

18: 
$$1 - 16 = -15$$

19: 
$$3 - 11 = -8$$

20: 
$$5 - 17 = -12$$

21: 
$$9 - 15 = -6$$

22: 
$$6 - 18 = -12$$

23: 
$$10 - 18 = -8$$

24: 
$$10 - 13 = -3$$

25: 
$$2 - 12 = -10$$

# Question 5 [25 marks]

0: 
$$(-4) + 4 = 0$$

1: 
$$(-5) + 10 = 5$$

$$2: (-1) + 10 = 9$$

$$3: (-9) + 5 = -4$$

4: 
$$(-6) + 9 = 3$$

5: 
$$(-10) + 6 = -4$$

6: 
$$(-4) + 4 = 0$$

7: 
$$(-2) + 8 = 6$$

8: 
$$(-5) + 10 = 5$$

9: 
$$(-4) + 1 = -3$$

10: 
$$(-3) + 8 = 5$$

11: 
$$(-2) + 2 = 0$$

12: 
$$(-4) + 8 = 4$$

13: 
$$(-10) + 8 = -2$$

14: 
$$(-5) + 10 = 5$$

15: 
$$(-8) + 6 = -2$$

16: 
$$(-7) + 4 = -3$$

17: 
$$(-6) + 8 = 2$$

18: 
$$(-2) + 7 = 5$$

19: 
$$(-6) + 10 = 4$$

20: 
$$(-10) + 9 = -1$$

$$21: (-5) + 2 = -3$$

22: 
$$(-1) + 2 = 1$$

23: 
$$(-7) + 2 = -5$$

24: 
$$(-4) + 8 = 4$$

25: 
$$(-3) + 5 = 2$$

 $add\_-10to-1\_1to10$ 

### Question 6 [25 marks]

0: 
$$(-6) + 3 = -3$$

1: 
$$(-6) + 1 = -5$$

$$2: (-4) + 9 = 5$$

$$3: (-9) + 6 = -3$$

4: 
$$(-8) + 4 = -4$$

5: 
$$(-10) + 3 = -7$$

6: 
$$(-8) + 1 = -7$$

7: 
$$(-6) + 9 = 3$$

8: 
$$(-4) + 9 = 5$$

9: 
$$(-7) + 3 = -4$$

10: 
$$(-5) + 2 = -3$$

11: 
$$(-8) + 6 = -2$$

$$12: (-4) + 7 = 3$$

13: 
$$(-8) + 7 = -1$$

14: 
$$(-8) + 7 = -1$$

15: 
$$(-4) + 10 = 6$$

16: 
$$(-2) + 1 = -1$$

17: 
$$(-4) + 7 = 3$$

18: 
$$(-3) + 6 = 3$$

19: 
$$(-8) + 7 = -1$$

20: 
$$(-4) + 5 = 1$$

$$21: (-4) + 1 = -3$$

22: 
$$(-1) + 5 = 4$$

23: 
$$(-5) + 9 = 4$$

24: 
$$(-5) + 8 = 3$$

$$25: (-4) + 2 = -2$$

add\_-10to-1\_1to10

# Question 7 [25 marks]

0: 
$$(-1) + 3 = 2$$

1: 
$$(-2) + 4 = 2$$

$$2: (-5) + 9 = 4$$

$$3: (-5) + 3 = -2$$

$$4: (-3) + 8 = 5$$

5: 
$$(-6) + 9 = 3$$

6: 
$$(-1) + 10 = 9$$

7: 
$$(-4) + 7 = 3$$

8: 
$$(-8) + 1 = -7$$

9: 
$$(-8) + 9 = 1$$

10: 
$$(-10) + 1 = -9$$

11: 
$$(-6) + 2 = -4$$

$$12: (-4) + 1 = -3$$

13: 
$$(-6) + 7 = 1$$

14: 
$$(-7) + 9 = 2$$

15: 
$$(-10) + 8 = -2$$

16: 
$$(-2) + 3 = 1$$

17: 
$$(-10) + 5 = -5$$

18: 
$$(-3) + 1 = -2$$

19: 
$$(-1) + 2 = 1$$

20: 
$$(-2) + 1 = -1$$

$$21: (-9) + 8 = -1$$

22: 
$$(-6) + 7 = 1$$

23: 
$$(-10) + 2 = -8$$

24: 
$$(-3) + 3 = 0$$

$$25: (-5) + 6 = 1$$

 $add\_\text{--}10to\text{--}1\_1to10$ 

### Question 8 [25 marks]

0: 
$$(-8) + 4 = -4$$

1: 
$$(-5) + 5 = 0$$

$$2: (-1) + 9 = 8$$

$$3: (-4) + 7 = 3$$

4: 
$$(-4) + 1 = -3$$

5: 
$$(-7) + 1 = -6$$

6: 
$$(-3) + 2 = -1$$

7: 
$$(-9) + 10 = 1$$

8: 
$$(-7) + 5 = -2$$

9: 
$$(-1) + 4 = 3$$

10: 
$$(-5) + 10 = 5$$

11: 
$$(-7) + 9 = 2$$

12: 
$$(-8) + 2 = -6$$

13: 
$$(-1) + 10 = 9$$

14: 
$$(-9) + 1 = -8$$

15: 
$$(-5) + 7 = 2$$

16: 
$$(-9) + 6 = -3$$

17: 
$$(-5) + 5 = 0$$

18: 
$$(-8) + 10 = 2$$

19: 
$$(-5) + 10 = 5$$

20: 
$$(-2) + 1 = -1$$

$$21: (-1) + 10 = 9$$

$$22: (-9) + 5 = -4$$

23: 
$$(-8) + 1 = -7$$

24: 
$$(-2) + 3 = 1$$

25: 
$$(-10) + 7 = -3$$

add\_-10to-1\_1to10

# Question 9 [25 marks]

0: 
$$(-5) + 5 = 0$$

1: 
$$(-2) + 2 = 0$$

2: 
$$(-1) + 10 = 9$$

$$3: (-5) + 2 = -3$$

4: 
$$(-10) + 1 = -9$$

5: 
$$(-10) + 7 = -3$$

6: 
$$(-4) + 8 = 4$$

7: 
$$(-9) + 8 = -1$$

8: 
$$(-3) + 6 = 3$$

9: 
$$(-1) + 2 = 1$$

10: 
$$(-4) + 2 = -2$$

11: 
$$(-9) + 8 = -1$$

$$12: (-4) + 3 = -1$$

13: 
$$(-1) + 10 = 9$$

14: 
$$(-5) + 1 = -4$$

15: 
$$(-5) + 6 = 1$$

16: 
$$(-1) + 8 = 7$$

17: 
$$(-2) + 1 = -1$$

18: 
$$(-9) + 6 = -3$$

19: 
$$(-1) + 2 = 1$$

20: 
$$(-3) + 9 = 6$$

21: 
$$(-5) + 5 = 0$$

22: 
$$(-10) + 1 = -9$$

23: 
$$(-3) + 7 = 4$$

$$24: (-9) + 5 = -4$$

25: 
$$(-10) + 6 = -4$$

 $add\_\text{--}10to\text{--}1\_1to10$ 

### Question 10 [25 marks]

0: 
$$(-10) + 8 = -2$$

1: 
$$(-8) + 5 = -3$$

2: 
$$(-7) + 7 = 0$$

$$3: (-3) + 4 = 1$$

4: 
$$(-4) + 6 = 2$$

5: 
$$(-2) + 9 = 7$$

6: 
$$(-4) + 6 = 2$$

7: 
$$(-5) + 10 = 5$$

8: 
$$(-8) + 4 = -4$$

9: 
$$(-9) + 3 = -6$$

10: 
$$(-9) + 3 = -6$$

11: 
$$(-9) + 1 = -8$$

$$12: (-2) + 9 = 7$$

13: 
$$(-9) + 4 = -5$$

14: 
$$(-3) + 4 = 1$$

15: 
$$(-10) + 9 = -1$$

16: 
$$(-9) + 3 = -6$$

17: 
$$(-5) + 6 = 1$$

18: 
$$(-6) + 9 = 3$$

19: 
$$(-3) + 1 = -2$$

20: 
$$(-2) + 8 = 6$$

$$21: (-6) + 9 = 3$$

$$22: (-2) + 6 = 4$$

23: 
$$(-7) + 9 = 2$$

$$24: (-4) + 5 = 1$$

25: 
$$(-1) + 10 = 9$$

5

add\_-10to-1\_1to10

### Question 11 [25 marks]

o: 
$$1 + (-1) = 0$$

1: 
$$3 + (-1) = 2$$

2: 
$$6 + (-6) = 0$$

$$3: 5 + (-9) = -4$$

4: 
$$1 + (-6) = -5$$

5: 
$$2 + (-6) = -4$$

6: 
$$1 + (-8) = -7$$

7: 
$$10 + (-3) = 7$$

8: 
$$7 + (-5) = 2$$

9: 
$$9 + (-3) = 6$$

10: 
$$10 + (-3) = 7$$

11: 
$$10 + (-2) = 8$$

12: 
$$1 + (-6) = -5$$

13: 
$$3 + (-3) = 0$$

14: 
$$6 + (-10) = -4$$

15: 
$$2 + (-2) = 0$$

16: 
$$8 + (-7) = 1$$

17: 
$$9 + (-8) = 1$$

18: 
$$10 + (-4) = 6$$

19: 
$$2 + (-3) = -1$$

20: 
$$3 + (-5) = -2$$

21: 
$$1 + (-3) = -2$$

22: 
$$7 + (-7) = 0$$

23: 
$$6 + (-10) = -4$$

24: 
$$7 + (-10) = -3$$

25: 
$$2 + (-7) = -5$$

add\_1to10\_-10to-1

### Question 12 [25 marks]

0: 
$$3 + (-3) = 0$$

1: 
$$9 + (-2) = 7$$

$$2: 8 + (-3) = 5$$

$$3: 2 + (-3) = -1$$

4: 
$$3 + (-1) = 2$$

5: 
$$7 + (-2) = 5$$

6: 
$$1 + (-3) = -2$$

7: 
$$8 + (-3) = 5$$

8: 
$$7 + (-10) = -3$$

9: 
$$10 + (-3) = 7$$

10: 
$$5 + (-7) = -2$$

11: 
$$4 + (-4) = 0$$

12: 
$$6 + (-3) = 3$$

13: 
$$7 + (-9) = -2$$

14: 
$$1 + (-4) = -3$$

15: 
$$4 + (-7) = -3$$

16: 
$$9 + (-6) = 3$$

17: 
$$8 + (-10) = -2$$

18: 
$$1 + (-6) = -5$$

19: 
$$10 + (-3) = 7$$

20: 
$$2 + (-10) = -8$$

$$21: 1 + (-6) = -5$$

22: 
$$8 + (-7) = 1$$

23: 
$$9 + (-5) = 4$$

24: 
$$3 + (-6) = -3$$

25: 
$$10 + (-9) = 1$$

## Question 13 [25 marks]

0: 
$$6 + (-6) = 0$$

1: 
$$6 + (-2) = 4$$

$$2: 2 + (-3) = -1$$

$$3: 10 + (-5) = 5$$

4: 
$$4 + (-6) = -2$$

5: 
$$8 + (-8) = 0$$

6: 
$$4 + (-4) = 0$$

7: 
$$4 + (-5) = -1$$

8: 
$$9 + (-6) = 3$$

9: 
$$1 + (-6) = -5$$

10: 
$$1 + (-7) = -6$$

11: 
$$2 + (-6) = -4$$

$$12: 5 + (-6) = -1$$

13: 
$$5 + (-4) = 1$$

14: 
$$9 + (-4) = 5$$

15: 
$$4 + (-8) = -4$$

16: 
$$5 + (-2) = 3$$

17: 
$$7 + (-7) = 0$$

18: 
$$3 + (-8) = -5$$

19: 
$$2 + (-3) = -1$$

20: 
$$3 + (-5) = -2$$

$$21: 1 + (-3) = -2$$

22: 
$$10 + (-6) = 4$$

23: 
$$5 + (-2) = 3$$

24: 
$$9 + (-4) = 5$$

25: 
$$4 + (-3) = 1$$

 $add\_1to10\_-10to-1$ 

### Question 14 [25 marks]

0: 
$$5 + (-10) = -5$$

1: 
$$1 + (-10) = -9$$

2: 
$$1 + (-7) = -6$$

$$3: 10 + (-3) = 7$$

4: 
$$10 + (-4) = 6$$

5: 
$$10 + (-4) = 6$$

6: 
$$2 + (-10) = -8$$

7: 
$$10 + (-9) = 1$$

8: 
$$10 + (-3) = 7$$

9: 
$$1 + (-1) = 0$$

10: 
$$6 + (-9) = -3$$

11: 
$$1 + (-2) = -1$$

12: 
$$6 + (-1) = 5$$

13: 
$$4 + (-4) = 0$$

14: 
$$5 + (-10) = -5$$

15: 
$$5 + (-1) = 4$$

16: 
$$10 + (-10) = 0$$

17: 
$$10 + (-7) = 3$$

18: 
$$7 + (-3) = 4$$

19: 
$$2 + (-7) = -5$$

20: 
$$6 + (-3) = 3$$

21: 
$$10 + (-2) = 8$$

22: 
$$4 + (-1) = 3$$

23: 
$$10 + (-2) = 8$$

24: 
$$8 + (-9) = -1$$

25: 
$$10 + (-6) = 4$$

7

### Question 15 [25 marks]

0: 
$$1 + (-7) = -6$$

1: 
$$9 + (-10) = -1$$

$$2: 9 + (-4) = 5$$

$$3: 2 + (-7) = -5$$

4: 
$$1 + (-5) = -4$$

5: 
$$10 + (-4) = 6$$

6: 
$$5 + (-4) = 1$$

7: 
$$5 + (-1) = 4$$

8: 
$$3 + (-9) = -6$$

9: 
$$4 + (-8) = -4$$

10: 
$$10 + (-7) = 3$$

11: 
$$1 + (-7) = -6$$

12: 
$$4 + (-4) = 0$$

13: 
$$5 + (-2) = 3$$

14: 
$$9 + (-7) = 2$$

15: 
$$4 + (-6) = -2$$

16: 
$$8 + (-3) = 5$$

17: 
$$8 + (-7) = 1$$

18: 
$$2 + (-10) = -8$$

19: 
$$7 + (-10) = -3$$

20: 
$$3 + (-9) = -6$$

$$21: 6 + (-10) = -4$$

$$22: 3 + (-9) = -6$$

23: 
$$4 + (-5) = -1$$

24: 
$$2 + (-4) = -2$$

25: 
$$4 + (-9) = -5$$

 $add\_1to10\_-10to-1$ 

### Question 16 [25 marks]

0: 
$$9 + (-10) = -1$$

1: 
$$7 + (-9) = -2$$

2: 
$$7 + (-1) = 6$$

$$3: 3 + (-4) = -1$$

4: 
$$6 + (-4) = 2$$

5: 
$$8 + (-3) = 5$$

6: 
$$7 + (-4) = 3$$

7: 
$$3 + (-6) = -3$$

$$8: 6 + (-5) = 1$$

9: 
$$8 + (-2) = 6$$

10: 
$$8 + (-6) = 2$$

11: 
$$4 + (-8) = -4$$

12: 
$$1 + (-6) = -5$$

13: 
$$5 + (-10) = -5$$

14: 
$$4 + (-1) = 3$$

15: 
$$4 + (-4) = 0$$

16: 
$$5 + (-5) = 0$$

17: 
$$6 + (-4) = 2$$

18: 
$$1 + (-4) = -3$$

19: 
$$1 + (-8) = -7$$

20: 
$$1 + (-3) = -2$$

21: 
$$8 + (-8) = 0$$

22: 
$$1 + (-9) = -8$$

23: 
$$10 + (-9) = 1$$

24: 
$$2 + (-7) = -5$$

25: 
$$1 + (-10) = -9$$

8

### Question 17 [25 marks]

o: 
$$(-6) - 1 = -7$$

1: 
$$(-6) - 5 = -11$$

$$2: (-5) - 5 = -10$$

$$3: (-10) - 3 = -13$$

4: 
$$(-8) - 6 = -14$$

5: 
$$(-4) - 7 = -11$$

6: 
$$(-5) - 5 = -10$$

7: 
$$(-7) - 10 = -17$$

8: 
$$(-9) - 7 = -16$$

9: 
$$(-8) - 5 = -13$$

10: 
$$(-3) - 8 = -11$$

11: 
$$(-10) - 4 = -14$$

12: 
$$(-9) - 4 = -13$$

13: 
$$(-6) - 2 = -8$$

14: 
$$(-10) - 5 = -15$$

15: 
$$(-8) - 6 = -14$$

16: 
$$(-3) - 2 = -5$$

17: 
$$(-3) - 8 = -11$$

18: 
$$(-6) - 2 = -8$$

19: 
$$(-4) - 9 = -13$$

20: 
$$(-5) - 10 = -15$$

$$21: (-4) - 6 = -10$$

$$22: (-9) - 7 = -16$$

23: 
$$(-6) - 4 = -10$$

$$24: (-5) - 9 = -14$$

25: 
$$(-6) - 5 = -11$$

 $sub\_-10to-1\_1to10$ 

### Question 18 [25 marks]

o: 
$$(-4) - 3 = -7$$

1: 
$$(-9) - 7 = -16$$

2: 
$$(-1) - 2 = -3$$

$$3: (-8) - 10 = -18$$

4: 
$$(-7) - 10 = -17$$

5: 
$$(-1) - 8 = -9$$

6: 
$$(-9) - 3 = -12$$

7: 
$$(-1) - 6 = -7$$

8: 
$$(-8) - 10 = -18$$

9: 
$$(-9) - 4 = -13$$

10: 
$$(-10) - 10 = -20$$

11: 
$$(-6) - 10 = -16$$

$$12: (-6) - 8 = -14$$

13: 
$$(-1) - 3 = -4$$

14: 
$$(-10) - 2 = -12$$

15: 
$$(-9) - 4 = -13$$

16: 
$$(-2) - 7 = -9$$

17: 
$$(-2) - 7 = -9$$

18: 
$$(-6) - 4 = -10$$

19: 
$$(-7) - 6 = -13$$

20: 
$$(-3) - 7 = -10$$

$$21: (-5) - 5 = -10$$

$$22: (-5) - 3 = -8$$

23: 
$$(-8) - 5 = -13$$

24: 
$$(-10) - 2 = -12$$

$$25: (-9) - 4 = -13$$

9

sub\_-10to-1\_1to10

### Question 19 [25 marks]

0: 
$$(-9) - 6 = -15$$

1: 
$$(-5) - 3 = -8$$

$$(-7) - 8 = -15$$

$$(-7) - 3 = -10$$

4: 
$$(-8) - 10 = -18$$

5: 
$$(-2) - 4 = -6$$

6: 
$$(-8) - 6 = -14$$

7: 
$$(-2) - 5 = -7$$

8: 
$$(-9) - 10 = -19$$

9: 
$$(-1) - 5 = -6$$

10: 
$$(-7) - 1 = -8$$

11: 
$$(-7) - 3 = -10$$

$$12: (-8) - 7 = -15$$

$$13: (-6) - 1 = -7$$

$$14: (-3) - 4 = -7$$

15: 
$$(-5) - 8 = -13$$

16: 
$$(-5) - 8 = -13$$

17: 
$$(-8) - 6 = -14$$

18: 
$$(-1) - 5 = -6$$

19: 
$$(-10) - 7 = -17$$

$$20: (-4) - 3 = -7$$

$$21: (-1) - 7 = -8$$

$$22: (-2) - 6 = -8$$

23: 
$$(-3) - 9 = -12$$

24: 
$$(-10) - 2 = -12$$

25: 
$$(-6) - 7 = -13$$

 $sub\_-10to-1\_1to10$ 

### Question 20 [25 marks]

0: 
$$(-2) - 10 = -12$$

1: 
$$(-1) - 10 = -11$$

$$2: (-8) - 4 = -12$$

$$3: (-6) - 7 = -13$$

4: 
$$(-6) - 8 = -14$$

$$5: (-6) - 8 = -14$$

6: 
$$(-10) - 6 = -16$$

7: 
$$(-6) - 7 = -13$$

8: 
$$(-7) - 7 = -14$$

9: 
$$(-1) - 10 = -11$$

10: 
$$(-8) - 6 = -14$$

11: 
$$(-3) - 3 = -6$$

$$12: (-7) - 5 = -12$$

13: 
$$(-4) - 8 = -12$$

14: 
$$(-4) - 10 = -14$$

15: 
$$(-8) - 3 = -11$$

16: 
$$(-1) - 6 = -7$$

17: 
$$(-3) - 5 = -8$$

18: 
$$(-10) - 6 = -16$$

19: 
$$(-10) - 2 = -12$$

$$20: (-3) - 6 = -9$$

$$21: (-4) - 4 = -8$$

22: 
$$(-3) - 3 = -6$$

23: 
$$(-1) - 5 = -6$$

$$24: (-2) - 9 = -11$$

25: 
$$(-7) - 3 = -10$$

sub\_-10to-1\_1to10

## Question 21 [25 marks]

0: 
$$(-4) - 10 = -14$$

1: 
$$(-10) - 10 = -20$$

$$2: (-10) - 9 = -19$$

$$(-2) - 5 = -7$$

4: 
$$(-3) - 5 = -8$$

5: 
$$(-10) - 6 = -16$$

6: 
$$(-3) - 1 = -4$$

7: 
$$(-7) - 1 = -8$$

8: 
$$(-6) - 7 = -13$$

9: 
$$(-9) - 4 = -13$$

10: 
$$(-2) - 5 = -7$$

11: 
$$(-5) - 3 = -8$$

$$12: (-8) - 9 = -17$$

13: 
$$(-5) - 7 = -12$$

$$14: (-1) - 5 = -6$$

15: 
$$(-2) - 5 = -7$$

16: 
$$(-10) - 3 = -13$$

17: 
$$(-4) - 5 = -9$$

18: 
$$(-10) - 6 = -16$$

19: 
$$(-6) - 2 = -8$$

20: 
$$(-1) - 10 = -11$$

$$21: (-4) - 3 = -7$$

22: 
$$(-1) - 2 = -3$$

23: 
$$(-9) - 8 = -17$$

24: 
$$(-7) - 1 = -8$$

25: 
$$(-9) - 6 = -15$$

 $sub\_-10to-1\_1to10$ 

### Question 22 [25 marks]

0: 
$$(-2) - 6 = -8$$

1: 
$$(-6) - 3 = -9$$

2: 
$$(-5) - 4 = -9$$

$$3: (-8) - 6 = -14$$

4: 
$$(-9) - 7 = -16$$

5: 
$$(-8) - 10 = -18$$

6: 
$$(-7) - 4 = -11$$

7: 
$$(-9) - 1 = -10$$

8: 
$$(-2) - 1 = -3$$

9: 
$$(-10) - 9 = -19$$

10: 
$$(-10) - 10 = -20$$

11: 
$$(-7) - 8 = -15$$

$$12: (-4) - 5 = -9$$

13: 
$$(-6) - 2 = -8$$

14: 
$$(-5) - 9 = -14$$

15: 
$$(-4) - 3 = -7$$

16: 
$$(-10) - 7 = -17$$

17: 
$$(-6) - 3 = -9$$

18: 
$$(-1) - 8 = -9$$

19: 
$$(-7) - 6 = -13$$

20: 
$$(-1) - 3 = -4$$

$$21: (-5) - 8 = -13$$

$$22: (-1) - 2 = -3$$

23: 
$$(-7) - 3 = -10$$

$$24: (-4) - 7 = -11$$

11

25: 
$$(-2) - 1 = -3$$

sub\_-10to-1\_1to10

## Question 23 [25 marks]

0: 
$$3 - (-5) = 8$$

1: 
$$1 - (-6) = 7$$

$$2: 6 - (-4) = 10$$

$$3: 7 - (-9) = 16$$

4: 
$$10 - (-3) = 13$$

5: 
$$4 - (-5) = 9$$

6: 
$$7 - (-9) = 16$$

7: 
$$6 - (-6) = 12$$

8: 
$$7 - (-9) = 16$$

9: 
$$3 - (-10) = 13$$

10: 
$$9 - (-10) = 19$$

11: 
$$2 - (-2) = 4$$

12: 
$$9 - (-7) = 16$$

13: 
$$3 - (-6) = 9$$

14: 
$$1 - (-5) = 6$$

15: 
$$4 - (-7) = 11$$

16: 
$$1 - (-7) = 8$$

17: 
$$2 - (-4) = 6$$

18: 
$$8 - (-1) = 9$$

19: 
$$2 - (-3) = 5$$

$$20: 5 - (-8) = 13$$

21: 
$$6 - (-4) = 10$$

$$22: 2 - (-8) = 10$$

23: 
$$2 - (-2) = 4$$

24: 
$$6 - (-9) = 15$$

25: 
$$8 - (-4) = 12$$

sub\_1to10\_-10to-1

#### Question 24 [25 marks]

0: 
$$10 - (-2) = 12$$

1: 
$$7 - (-10) = 17$$

2: 
$$10 - (-7) = 17$$

$$3: 6 - (-7) = 13$$

4: 
$$2 - (-9) = 11$$

5: 
$$10 - (-1) = 11$$

6: 
$$2 - (-9) = 11$$

7: 
$$10 - (-7) = 17$$

$$8: 4 - (-1) = 5$$

9: 
$$4 - (-8) = 12$$

10: 
$$3 - (-5) = 8$$

11: 
$$9 - (-9) = 18$$

12: 
$$9 - (-8) = 17$$

13: 
$$8 - (-4) = 12$$

14: 
$$9 - (-8) = 17$$

15: 
$$4 - (-6) = 10$$

16: 
$$8 - (-8) = 16$$

17: 
$$4 - (-7) = 11$$

18: 
$$7 - (-8) = 15$$

19: 
$$9 - (-5) = 14$$

20: 
$$10 - (-10) = 20$$

$$21: 9 - (-5) = 14$$

22: 
$$1 - (-4) = 5$$

23: 
$$2 - (-3) = 5$$

$$24: 9 - (-8) = 17$$

25: 
$$1 - (-2) = 3$$

### Question 25 [25 marks]

$$0: 2 - (-6) = 8$$

1: 
$$4 - (-5) = 9$$

$$2: 9 - (-6) = 15$$

$$3: 1 - (-10) = 11$$

4: 
$$3 - (-4) = 7$$

5: 
$$10 - (-5) = 15$$

6: 
$$10 - (-7) = 17$$

7: 
$$2 - (-7) = 9$$

8: 
$$7 - (-4) = 11$$

9: 
$$2 - (-5) = 7$$

10: 
$$1 - (-5) = 6$$

11: 
$$8 - (-10) = 18$$

12: 
$$9 - (-10) = 19$$

13: 
$$6 - (-9) = 15$$

14: 
$$10 - (-7) = 17$$

15: 
$$8 - (-5) = 13$$

16: 
$$10 - (-7) = 17$$

17: 
$$6 - (-1) = 7$$

18: 
$$2 - (-4) = 6$$

19: 
$$4 - (-6) = 10$$

20: 
$$4 - (-10) = 14$$

$$21: 8 - (-6) = 14$$

$$22: 2 - (-7) = 9$$

23: 
$$4 - (-6) = 10$$

24: 
$$1 - (-8) = 9$$

25: 
$$7 - (-9) = 16$$

sub\_1to10\_-10to-1

### Question 26 [25 marks]

0: 
$$1 - (-8) = 9$$

1: 
$$4 - (-8) = 12$$

$$2: 2 - (-2) = 4$$

$$3: 9 - (-3) = 12$$

4: 
$$2 - (-10) = 12$$

5: 
$$8 - (-9) = 17$$

6: 
$$4 - (-4) = 8$$

7: 
$$5 - (-4) = 9$$

8: 
$$10 - (-6) = 16$$

9: 
$$5 - (-6) = 11$$

10: 
$$8 - (-9) = 17$$

11: 
$$10 - (-4) = 14$$

12: 
$$2 - (-8) = 10$$

13: 
$$5 - (-3) = 8$$

14: 
$$7 - (-4) = 11$$

15: 
$$1 - (-6) = 7$$

16: 
$$10 - (-3) = 13$$

17: 
$$3 - (-10) = 13$$

18: 
$$2 - (-1) = 3$$

19: 
$$3 - (-10) = 13$$

$$20: 9 - (-4) = 13$$

$$21: 2 - (-5) = 7$$

$$22: 3 - (-7) = 10$$

23: 
$$4 - (-6) = 10$$

24: 
$$6 - (-3) = 9$$

25: 
$$10 - (-10) = 20$$

## Question 27 [25 marks]

$$5 - (-6) = 11$$

1: 
$$1 - (-5) = 6$$

$$2: 9 - (-2) = 11$$

$$3: 6 - (-1) = 7$$

4: 
$$2 - (-3) = 5$$

5: 
$$2 - (-3) = 5$$

6: 
$$9 - (-7) = 16$$

7: 
$$3 - (-10) = 13$$

8: 
$$1 - (-5) = 6$$

9: 
$$1 - (-6) = 7$$

10: 
$$9 - (-4) = 13$$

11: 
$$2 - (-1) = 3$$

12: 
$$2 - (-8) = 10$$

13: 
$$6 - (-6) = 12$$

14: 
$$8 - (-8) = 16$$

15: 
$$3 - (-6) = 9$$

16: 
$$4 - (-8) = 12$$

17: 
$$9 - (-5) = 14$$

18: 
$$6 - (-1) = 7$$

19: 
$$7 - (-2) = 9$$

20: 
$$7 - (-7) = 14$$

$$21: 8 - (-1) = 9$$

22: 
$$2 - (-10) = 12$$

23: 
$$8 - (-8) = 16$$

$$24: 6 - (-1) = 7$$

$$25: 9 - (-3) = 12$$

sub\_1to10\_-10to-1

#### Question 28 [25 marks]

$$0: 5 - (-9) = 14$$

1: 
$$1 - (-2) = 3$$

$$2: 8 - (-2) = 10$$

$$3: 1 - (-10) = 11$$

4: 
$$4 - (-1) = 5$$

5: 
$$3 - (-2) = 5$$

6: 
$$8 - (-3) = 11$$

7: 
$$4 - (-6) = 10$$

8: 
$$7 - (-9) = 16$$

9: 
$$6 - (-6) = 12$$

10: 
$$7 - (-1) = 8$$

11: 
$$8 - (-9) = 17$$

$$12: 3 - (-1) = 4$$

13: 
$$5 - (-8) = 13$$

14: 
$$8 - (-9) = 17$$

15: 
$$9 - (-8) = 17$$

16: 
$$5 - (-9) = 14$$

17: 
$$1 - (-4) = 5$$

18: 
$$1 - (-6) = 7$$

19: 
$$3 - (-4) = 7$$

20: 
$$7 - (-5) = 12$$

$$21: 9 - (-7) = 16$$

$$22: 2 - (-4) = 6$$

23: 
$$5 - (-5) = 10$$

24: 
$$5 - (-4) = 9$$

25: 
$$6 - (-8) = 14$$

## Question 29 [25 marks]

$$0: 9+0=9$$

1: 
$$1 + 10 = 11$$

$$2: 3+1=4$$

$$3: (-4) + 0 = -4$$

4: 
$$(-3) + 5 = 2$$

5: 
$$(-5) + 6 = 1$$

6: 
$$4 + 3 = 7$$

7: 
$$4 + (-2) = 2$$

8: 
$$(-1) + 7 = 6$$

9: 
$$(-1) + (-3) = -4$$

10: 
$$(-3) + (-1) = -4$$

11: 
$$1 + (-1) = 0$$

$$12: 1 + (-9) = -8$$

13: 
$$4 + (-10) = -6$$

14: 
$$6 + (-6) = 0$$

15: 
$$5 + (-4) = 1$$

16: 
$$(-9) + (-4) = -13$$

17: 
$$(-1) + (-1) = -2$$

18: 
$$(-1) + 8 = 7$$

19: 
$$4+4=8$$

20: 
$$(-3) + (-2) = -5$$

21: 
$$6 + (-10) = -4$$

22: 
$$3 + (-10) = -7$$

23: 
$$(-7) + 7 = 0$$

24: 
$$(-5) + (-2) = -7$$

$$25: (-7) + 9 = 2$$

add\_-10to10\_-10to10

### Question 30 [25 marks]

0: 
$$6 + 4 = 10$$

1: 
$$9 + 3 = 12$$

$$2: 4+6=10$$

$$3: 4+7=11$$

4: 
$$3 + (-6) = -3$$

5: 
$$(-10) + (-8) = -18$$

6: 
$$2 + 5 = 7$$

7: 
$$(-5) + (-9) = -14$$

8: 
$$2 + (-9) = -7$$

9: 
$$0 + 3 = 3$$

10: 
$$(-5) + (-9) = -14$$

11: 
$$(-10) + 3 = -7$$

$$12: 3 + (-10) = -7$$

13: 
$$(-10) + 7 = -3$$

14: 
$$(-1) + (-4) = -5$$

15: 
$$0 + 6 = 6$$

16: 
$$10 + 4 = 14$$

17: 
$$(-1) + 4 = 3$$

18: 
$$9 + (-4) = 5$$

19: 
$$(-8) + 2 = -6$$

20: 
$$(-6) + 8 = 2$$

$$21: 1 + (-5) = -4$$

22: 
$$(-6) + (-1) = -7$$

23: 
$$2 + 2 = 4$$

24: 
$$10 + 3 = 13$$

25: 
$$10 + 1 = 11$$

## Question 31 [25 marks]

0: 
$$(-9) + (-8) = -17$$

1: 
$$3 + (-4) = -1$$

$$2: (-6) + (-7) = -13$$

$$3: 1+0=1$$

4: 
$$(-6) + (-2) = -8$$

5: 
$$(-10) + (-1) = -11$$

6: 
$$9 + 6 = 15$$

7: 
$$(-6) + (-5) = -11$$

8: 
$$(-2) + (-4) = -6$$

9: 
$$9 + (-1) = 8$$

10: 
$$0 + (-7) = -7$$

11: 
$$8 + 4 = 12$$

12: 
$$(-3) + (-10) = -13$$

13: 
$$(-10) + 6 = -4$$

14: 
$$7 + 4 = 11$$

15: 
$$(-6) + 2 = -4$$

16: 
$$10 + 3 = 13$$

17: 
$$1 + 9 = 10$$

18: 
$$(-6) + 6 = 0$$

19: 
$$10 + 1 = 11$$

20: 
$$10 + (-3) = 7$$

$$21: (-7) + 10 = 3$$

$$22: 2+7=9$$

23: 
$$7 + (-8) = -1$$

24: 
$$(-1) + 1 = 0$$

25: 
$$9 + (-7) = 2$$

add\_-10to10\_-10to10

### Question 32 [25 marks]

$$0: (-9) + (-2) = -11$$

1: 
$$(-2) + 2 = 0$$

$$2: 1+9=10$$

$$3: (-6) + 9 = 3$$

4: 
$$(-8) + (-1) = -9$$

5: 
$$(-6) + 4 = -2$$

6: 
$$6 + (-8) = -2$$

7: 
$$5 + 9 = 14$$

8: 
$$0 + 7 = 7$$

9: 
$$(-3) + (-4) = -7$$

10: 
$$3 + (-3) = 0$$

11: 
$$(-2) + 4 = 2$$

12: 
$$0 + 10 = 10$$

13: 
$$(-2) + (-1) = -3$$

14: 
$$(-2) + 0 = -2$$

15: 
$$8 + (-10) = -2$$

16: 
$$7 + 6 = 13$$

17: 
$$1 + (-5) = -4$$

18: 
$$(-7) + 10 = 3$$

19: 
$$(-7) + (-8) = -15$$

20: 
$$(-4) + (-5) = -9$$

21: 
$$(-8) + 2 = -6$$

22: 
$$0 + (-8) = -8$$

23: 
$$6 + 0 = 6$$

24: 
$$9 + (-6) = 3$$

25: 
$$9 + (-4) = 5$$

### Question 33 [25 marks]

0: 
$$0 + 0 = 0$$

1: 
$$(-9) + 1 = -8$$

$$2: (-9) + (-3) = -12$$

$$3: 7 + (-6) = 1$$

4: 
$$(-6) + (-4) = -10$$

$$5: (-9) + (-5) = -14$$

6: 
$$5 + 2 = 7$$

7: 
$$10 + (-4) = 6$$

$$8: 4+3=7$$

9: 
$$3+2=5$$

10: 
$$(-9) + (-1) = -10$$

11: 
$$(-10) + 6 = -4$$

12: 
$$5 + 2 = 7$$

13: 
$$(-8) + 5 = -3$$

14: 
$$1+2=3$$

15: 
$$(-3) + 3 = 0$$

16: 
$$(-7) + (-7) = -14$$

17: 
$$(-2) + (-9) = -11$$

18: 
$$4 + (-2) = 2$$

19: 
$$(-2) + (-2) = -4$$

20: 
$$(-3) + (-10) = -13$$

$$21: 8 + (-1) = 7$$

22: 
$$(-10) + (-1) = -11$$

23: 
$$10 + 0 = 10$$

24: 
$$(-8) + (-7) = -15$$

25: 
$$(-1) + 1 = 0$$

add\_-10to10\_-10to10

### Question 34 [25 marks]

0: 
$$(-8) + (-6) = -14$$

1: 
$$6 + (-6) = 0$$

$$2: 5 + (-1) = 4$$

3: 
$$(-4) + 2 = -2$$

4: 
$$4 + (-1) = 3$$

5: 
$$(-4) + (-10) = -14$$

6: 
$$5 + (-4) = 1$$

7: 
$$(-7) + (-4) = -11$$

8: 
$$(-8) + 2 = -6$$

9: 
$$(-4) + (-8) = -12$$

10: 
$$(-8) + (-1) = -9$$

11: 
$$(-1) + (-7) = -8$$

12: 
$$(-9) + (-3) = -12$$

13: 
$$0 + (-5) = -5$$

14: 
$$(-2) + 4 = 2$$

15: 
$$10 + (-5) = 5$$

16: 
$$(-6) + 5 = -1$$

17: 
$$(-1) + (-5) = -6$$

18: 
$$7 + (-2) = 5$$

19: 
$$8 + 3 = 11$$

20: 
$$(-1) + 6 = 5$$

21: 
$$10 + 5 = 15$$

22: 
$$(-10) + 7 = -3$$

23: 
$$0 + (-1) = -1$$

24: 
$$(-10) + (-10) = -20$$

17

25: 
$$(-8) + (-10) = -18$$

## Question 35 [25 marks]

$$0: 1 + 10 = 11$$

1: 
$$(-2) + 9 = 7$$

$$2: 10 + 4 = 14$$

$$3: 2+1=3$$

4: 
$$(-9) + 4 = -5$$

5: 
$$(-2) + (-6) = -8$$

6: 
$$0 + 10 = 10$$

7: 
$$2 + (-1) = 1$$

$$8: 9 + (-9) = 0$$

9: 
$$9 + 7 = 16$$

10: 
$$(-1) + (-5) = -6$$

11: 
$$(-4) + (-6) = -10$$

12: 
$$(-3) + (-5) = -8$$

13: 
$$6 + (-6) = 0$$

$$14: (-3) + 10 = 7$$

15: 
$$(-8) + (-1) = -9$$

16: 
$$9 + 1 = 10$$

17: 
$$(-7) + 6 = -1$$

18: 
$$(-2) + 8 = 6$$

19: 
$$7 + 9 = 16$$

20: 
$$(-2) + (-3) = -5$$

21: 
$$(-3) + (-7) = -10$$

$$22: 0+5=5$$

23: 
$$7 + 1 = 8$$

24: 
$$(-1) + 7 = 6$$

25: 
$$3+1=4$$

add\_-10to10\_-10to10

### Question 36 [25 marks]

0: 
$$(-2) + (-9) = -11$$

1: 
$$2 + (-7) = -5$$

$$2: 3 + (-4) = -1$$

$$3: (-4) + 6 = 2$$

4: 
$$5 + 0 = 5$$

5: 
$$10 + (-6) = 4$$

6: 
$$(-2) + (-2) = -4$$

7: 
$$8 + 4 = 12$$

8: 
$$10 + (-7) = 3$$

9: 
$$(-3) + (-8) = -11$$

10: 
$$4 + (-2) = 2$$

11: 
$$4 + (-7) = -3$$

$$12: (-4) + 1 = -3$$

13: 
$$(-6) + 8 = 2$$

14: 
$$6 + 5 = 11$$

15: 
$$5 + (-10) = -5$$

16: 
$$(-5) + (-4) = -9$$

17: 
$$(-9) + (-3) = -12$$

18: 
$$5 + 10 = 15$$

19: 
$$(-6) + (-1) = -7$$

20: 
$$10 + (-6) = 4$$

$$21: 3 + (-1) = 2$$

22: 
$$1+2=3$$

23: 
$$2 + 0 = 2$$

24: 
$$(-7) + (-4) = -11$$

18

$$25: (-3) + 5 = 2$$

### Question 37 [25 marks]

0: 
$$2 + 3 = 5$$

1: 
$$9 + (-10) = -1$$

$$(-2) + (-5) = -7$$

$$3: 4 + (-4) = 0$$

4: 
$$0 + (-10) = -10$$

5: 
$$(-1) + (-6) = -7$$

6: 
$$9 + (-8) = 1$$

7: 
$$(-4) + 5 = 1$$

8: 
$$(-6) + (-1) = -7$$

9: 
$$(-2) + (-4) = -6$$

10: 
$$1 + (-3) = -2$$

11: 
$$(-4) + 0 = -4$$

12: 
$$0 + (-1) = -1$$

13: 
$$(-8) + 9 = 1$$

14: 
$$4 + 6 = 10$$

15: 
$$(-5) + (-7) = -12$$

16: 
$$1 + (-5) = -4$$

17: 
$$(-3) + 6 = 3$$

18: 
$$(-3) + (-8) = -11$$

19: 
$$(-6) + (-1) = -7$$

20: 
$$6 + 4 = 10$$

21: 
$$(-3) + (-3) = -6$$

22: 
$$(-5) + 6 = 1$$

23: 
$$(-1) + (-5) = -6$$

24: 
$$3 + (-1) = 2$$

25: 
$$6 + (-10) = -4$$

add\_-10to10\_-10to10

### Question 38 [25 marks]

0: 
$$(-10) + 6 = -4$$

1: 
$$1+1=2$$

$$2: (-9) + 5 = -4$$

$$3: (-8) + 5 = -3$$

4: 
$$10 + 0 = 10$$

5: 
$$7 + 10 = 17$$

6: 
$$1 + 1 = 2$$

7: 
$$4 + (-1) = 3$$

8: 
$$4 + 0 = 4$$

9: 
$$4 + 8 = 12$$

10: 
$$5 + (-4) = 1$$

11: 
$$(-2) + (-4) = -6$$

12: 
$$3 + (-1) = 2$$

13: 
$$(-3) + (-4) = -7$$

14: 
$$(-10) + (-4) = -14$$

15: 
$$(-7) + (-4) = -11$$

16: 
$$1 + (-9) = -8$$

17: 
$$3 + (-10) = -7$$

18: 
$$7 + 1 = 8$$

19: 
$$7 + 10 = 17$$

20: 
$$(-8) + (-8) = -16$$

21: 
$$(-6) + 5 = -1$$

$$22: 3+5=8$$

23: 
$$(-3) + (-5) = -8$$

$$24: (-3) + 2 = -1$$

25: 
$$(-10) + (-7) = -17$$

19

## Question 39 [25 marks]

0: 
$$(-9) - 0 = -9$$

1: 
$$(-7) - (-9) = 2$$

$$2: (-2) - (-9) = 7$$

$$3: 10 - (-4) = 14$$

4: 
$$(-8) - (-9) = 1$$

5: 
$$8 - (-7) = 15$$

6: 
$$(-5) - 3 = -8$$

7: 
$$(-3) - 2 = -5$$

8: 
$$(-1) - (-1) = 0$$

9: 
$$(-3) - 10 = -13$$

10: 
$$(-4) - (-2) = -2$$

11: 
$$(-3) - 10 = -13$$

$$12: 6 - (-3) = 9$$

13: 
$$9 - (-6) = 15$$

$$14: (-1) - 9 = -10$$

15: 
$$(-10) - (-8) = -2$$

16: 
$$6 - 2 = 4$$

17: 
$$(-8) - 4 = -12$$

18: 
$$(-1) - (-9) = 8$$

19: 
$$7 - 5 = 2$$

20: 
$$(-4) - (-10) = 6$$

21: 
$$8 - 2 = 6$$

$$22: 2 - (-8) = 10$$

23: 
$$(-9) - 8 = -17$$

24: 
$$(-6) - (-5) = -1$$

$$25: (-5) - 9 = -14$$

sub\_-10to10\_-10to10

### Question 40 [25 marks]

o: 
$$4 - 2 = 2$$

1: 
$$3 - 1 = 2$$

$$2: 4 - 9 = -5$$

$$(-2) - 10 = -12$$

4: 
$$0 - 4 = -4$$

5: 
$$0 - (-2) = 2$$

6: 
$$6 - (-1) = 7$$

7: 
$$(-9) - (-7) = -2$$

8: 
$$7 - 1 = 6$$

9: 
$$10 - (-9) = 19$$

10: 
$$(-7) - 7 = -14$$

11: 
$$2 - (-4) = 6$$

12: 
$$9 - (-7) = 16$$

13: 
$$8 - 1 = 7$$

$$14: 2 - 9 = -7$$

15: 
$$(-9) - 10 = -19$$

16: 
$$(-6) - 9 = -15$$

17: 
$$(-1) - (-10) = 9$$

18: 
$$7 - (-7) = 14$$

19: 
$$7 - (-10) = 17$$

20: 
$$(-10) - (-9) = -1$$

21: 
$$(-10) - (-6) = -4$$

$$22: 6 - 8 = -2$$

23: 
$$4 - 8 = -4$$

$$24: 9 - (-4) = 13$$

25: 
$$(-9) - 10 = -19$$

## Question 41 [25 marks]

0: 
$$(-9) - (-2) = -7$$

1: 
$$(-2) - (-6) = 4$$

$$2: 8 - (-7) = 15$$

$$3: 6-1=5$$

4: 
$$3 - 6 = -3$$

5: 
$$(-10) - (-4) = -6$$

6: 
$$(-9) - (-8) = -1$$

7: 
$$3 - 4 = -1$$

8: 
$$6 - 3 = 3$$

9: 
$$(-8) - 0 = -8$$

10: 
$$2 - (-8) = 10$$

11: 
$$(-2) - (-4) = 2$$

$$12: 2 - 10 = -8$$

13: 
$$1 - 1 = 0$$

$$14: (-4) - 7 = -11$$

15: 
$$(-9) - 6 = -15$$

16: 
$$7 - 9 = -2$$

17: 
$$(-9) - 3 = -12$$

18: 
$$0 - (-8) = 8$$

19: 
$$4 - (-10) = 14$$

20: 
$$(-4) - (-8) = 4$$

$$21: (-5) - 7 = -12$$

22: 
$$3 - (-6) = 9$$

23: 
$$(-3) - (-5) = 2$$

24: 
$$0-5=-5$$

$$25: 9-6=3$$

sub\_-10to10\_-10to10

### Question 42 [25 marks]

$$0: 9 - (-10) = 19$$

1: 
$$(-8) - (-3) = -5$$

$$2: 10 - 3 = 7$$

$$3: 10 - (-5) = 15$$

4: 
$$2 - 0 = 2$$

5: 
$$(-5) - 9 = -14$$

6: 
$$(-10) - 8 = -18$$

7: 
$$2 - 6 = -4$$

8: 
$$(-6) - (-6) = 0$$

9: 
$$(-6) - (-5) = -1$$

10: 
$$(-4) - 9 = -13$$

11: 
$$8 - (-5) = 13$$

$$12: (-5) - 5 = -10$$

13: 
$$4 - (-10) = 14$$

14: 
$$(-4) - 10 = -14$$

15: 
$$(-10) - 8 = -18$$

$$16: (-6) - 0 = -6$$

17: 
$$(-9) - 3 = -12$$

18: 
$$(-9) - 1 = -10$$

19: 
$$(-9) - 5 = -14$$

$$20: 5 - 3 = 2$$

$$21: (-1) - 5 = -6$$

22: 
$$8 - 1 = 7$$

23: 
$$0 - (-10) = 10$$

$$_{24:}(-3)-4=-7$$

$$25: 2 - (-5) = 7$$

## Question 43 [25 marks]

0: 
$$2 - 0 = 2$$

1: 
$$1 - 4 = -3$$

$$2: 7 - 9 = -2$$

$$3: 4-5=-1$$

4: 
$$(-7) - 9 = -16$$

5: 
$$(-9) - 7 = -16$$

6: 
$$9 - 7 = 2$$

7: 
$$(-6) - 2 = -8$$

8: 
$$(-1) - (-2) = 1$$

9: 
$$5 - (-10) = 15$$

10: 
$$9 - (-10) = 19$$

11: 
$$3 - (-7) = 10$$

12: 
$$(-3) - (-8) = 5$$

13: 
$$(-4) - (-10) = 6$$

14: 
$$(-2) - (-5) = 3$$

15: 
$$(-9) - 5 = -14$$

16: 
$$(-1) - (-8) = 7$$

17: 
$$(-1) - (-8) = 7$$

18: 
$$(-10) - 5 = -15$$

19: 
$$(-9) - (-4) = -5$$

20: 
$$(-6) - (-6) = 0$$

$$21: 4 - (-6) = 10$$

22: 
$$(-9) - (-1) = -8$$

23: 
$$(-3) - 2 = -5$$

$$_{24}$$
:  $(-2) - (-9) = 7$ 

25: 
$$(-8) - (-1) = -7$$

sub\_-10to10\_-10to10

### Question 44 [25 marks]

$$0: 9 - (-2) = 11$$

1: 
$$(-1) - (-3) = 2$$

$$2: 1 - (-6) = 7$$

3: 
$$6 - 4 = 2$$

4: 
$$0 - (-3) = 3$$

5: 
$$(-5) - (-9) = 4$$

6: 
$$1 - (-7) = 8$$

7: 
$$1 - (-3) = 4$$

8: 
$$6 - 0 = 6$$

9: 
$$5 - (-6) = 11$$

10: 
$$4 - 9 = -5$$

11: 
$$1 - (-1) = 2$$

12: 
$$(-3) - (-8) = 5$$

13: 
$$2 - 7 = -5$$

14: 
$$(-10) - 1 = -11$$

15: 
$$(-6) - (-9) = 3$$

16: 
$$10 - (-4) = 14$$

17: 
$$(-2) - (-5) = 3$$

18: 
$$(-7) - 3 = -10$$

19: 
$$(-10) - 8 = -18$$

20: 
$$(-10) - (-7) = -3$$

21: 
$$(-3) - (-2) = -1$$

22: 
$$1 - (-5) = 6$$

23: 
$$(-1) - 7 = -8$$

$$24: 1 - (-4) = 5$$

$$25: 2-4=-2$$

# Question 45 [25 marks]

0: 
$$(-10) - (-10) = 0$$

1: 
$$8 - 5 = 3$$

$$2: (-5) - (-9) = 4$$

$$3: 8 - (-9) = 17$$

4: 
$$(-3) - 7 = -10$$

5: 
$$9 - 8 = 1$$

6: 
$$2-4=-2$$

7: 
$$(-4) - 3 = -7$$

8: 
$$(-10) - 6 = -16$$

9: 
$$(-5) - (-8) = 3$$

10: 
$$1 - 5 = -4$$

11: 
$$(-4) - (-9) = 5$$

12: 
$$(-6) - 10 = -16$$

13: 
$$10 - 10 = 0$$

14: 
$$0 - (-3) = 3$$

15: 
$$(-2) - 4 = -6$$

16: 
$$(-1) - 0 = -1$$

17: 
$$6 - 1 = 5$$

18: 
$$0 - 10 = -10$$

19: 
$$(-3) - (-5) = 2$$

20: 
$$10 - 1 = 9$$

$$21: (-1) - 6 = -7$$

22: 
$$(-8) - (-5) = -3$$

23: 
$$2 - 5 = -3$$

24: 
$$0 - 0 = 0$$

25: 
$$(-1) - (-1) = 0$$

sub\_-10to10\_-10to10

### Question 46 [25 marks]

0: 
$$(-1) - 4 = -5$$

1: 
$$7 - (-8) = 15$$

$$2: 8 - 1 = 7$$

$$3: 5 - (-8) = 13$$

4: 
$$0 - (-7) = 7$$

5: 
$$(-4) - 9 = -13$$

6: 
$$3 - (-4) = 7$$

7: 
$$(-5) - (-2) = -3$$

8: 
$$(-6) - (-9) = 3$$

9: 
$$0 - 0 = 0$$

10: 
$$3 - (-8) = 11$$

11: 
$$(-7) - (-5) = -2$$

$$12: 5 - 7 = -2$$

13: 
$$(-9) - (-9) = 0$$

14: 
$$7 - 5 = 2$$

15: 
$$6 - (-1) = 7$$

16: 
$$(-9) - (-10) = 1$$

17: 
$$(-9) - (-5) = -4$$

18: 
$$(-2) - 7 = -9$$

19: 
$$(-9) - 3 = -12$$

20: 
$$(-2) - (-2) = 0$$

$$21: (-3) - (-4) = 1$$

22: 
$$(-2) - (-3) = 1$$

23: 
$$6 - 3 = 3$$

$$24: 7 - (-2) = 9$$

25: 
$$(-4) - (-5) = 1$$

## Question 47 [25 marks]

0: 
$$(-6) - (-5) = -1$$

1: 
$$(-6) - (-8) = 2$$

$$2: (-1) - 6 = -7$$

3: 
$$(-2) - (-2) = 0$$

4: 
$$7 - 2 = 5$$

5: 
$$1 - 7 = -6$$

6: 
$$4 - 0 = 4$$

7: 
$$6 - 4 = 2$$

8: 
$$5 - (-6) = 11$$

9: 
$$(-7) - 6 = -13$$

10: 
$$9 - (-2) = 11$$

11: 
$$(-2) - (-4) = 2$$

12: 
$$3 - 3 = 0$$

13: 
$$(-6) - 6 = -12$$

14: 
$$(-7) - 10 = -17$$

15: 
$$2 - 7 = -5$$

16: 
$$8 - 1 = 7$$

17: 
$$(-8) - 2 = -10$$

18: 
$$(-4) - 4 = -8$$

19: 
$$(-6) - 8 = -14$$

$$20: 5 - 10 = -5$$

21: 
$$6 - (-10) = 16$$

22: 
$$(-9) - (-8) = -1$$

23: 
$$(-6) - (-8) = 2$$

24: 
$$(-6) - 0 = -6$$

25: 
$$8 - (-6) = 14$$

sub\_-10to10\_-10to10

### Question 48 [25 marks]

0: 
$$(-4) - 6 = -10$$

1: 
$$(-7) - 8 = -15$$

$$2: (-2) - 3 = -5$$

$$3: 10 - (-2) = 12$$

4: 
$$(-7) - (-10) = 3$$

5: 
$$(-5) - (-4) = -1$$

6: 
$$(-10) - 8 = -18$$

7: 
$$1 - 0 = 1$$

8: 
$$8 - (-10) = 18$$

9: 
$$(-5) - (-2) = -3$$

10: 
$$(-5) - (-4) = -1$$

11: 
$$4 - 1 = 3$$

12: 
$$0 - 0 = 0$$

13: 
$$(-5) - 7 = -12$$

14: 
$$3 - (-6) = 9$$

15: 
$$(-9) - (-3) = -6$$

16: 
$$7 - 9 = -2$$

17: 
$$5 - 4 = 1$$

18: 
$$10 - (-5) = 15$$

19: 
$$0 - 7 = -7$$

20: 
$$6 - (-4) = 10$$

$$21: 4 - (-6) = 10$$

$$22: 8 - 2 = 6$$

23: 
$$4 - 5 = -1$$

$$24: 9 - (-3) = 12$$

$$25: (-5) - 3 = -8$$