

Question 1 [25 marks]

- 0: $9 + 7 = 16$
 1: $5 + 10 = 15$
 2: $2 + 10 = 12$
 3: $6 + 3 = 9$
 4: $10 + 10 = 20$
 5: $3 + 8 = 11$
 6: $1 + 7 = 8$
 7: $10 + 7 = 17$
 8: $4 + 10 = 14$
 9: $5 + 9 = 14$
 10: $7 + 1 = 8$
 11: $1 + 5 = 6$
 12: $3 + 6 = 9$
 13: $7 + 9 = 16$
 14: $3 + 2 = 5$
 15: $8 + 8 = 16$
 16: $4 + 4 = 8$
 17: $2 + 1 = 3$
 18: $2 + 8 = 10$
 19: $4 + 3 = 7$
 20: $10 + 4 = 14$
 21: $10 + 4 = 14$
 22: $6 + 3 = 9$
 23: $2 + 6 = 8$
 24: $7 + 4 = 11$
 25: $8 + 9 = 17$

Question 2 [25 marks]

- 0: $9 + 5 = 14$
 1: $4 + 7 = 11$
 2: $4 + 3 = 7$
 3: $6 + 1 = 7$
 4: $10 + 7 = 17$
 5: $7 + 2 = 9$
 6: $5 + 5 = 10$
 7: $4 + 10 = 14$
 8: $4 + 5 = 9$
 9: $2 + 1 = 3$
 10: $6 + 6 = 12$
 11: $10 + 6 = 16$
 12: $7 + 5 = 12$
 13: $4 + 2 = 6$
 14: $5 + 6 = 11$
 15: $1 + 1 = 2$
 16: $7 + 2 = 9$
 17: $3 + 4 = 7$
 18: $7 + 10 = 17$
 19: $8 + 10 = 18$
 20: $7 + 8 = 15$
 21: $5 + 10 = 15$
 22: $9 + 3 = 12$
 23: $4 + 8 = 12$
 24: $9 + 2 = 11$
 25: $2 + 2 = 4$

Question 3 [25 marks]

- 0: $1 + 6 = 7$
 1: $3 + 8 = 11$
 2: $10 + 4 = 14$
 3: $10 + 8 = 18$
 4: $2 + 3 = 5$
 5: $5 + 7 = 12$
 6: $2 + 5 = 7$
 7: $7 + 1 = 8$
 8: $7 + 2 = 9$
 9: $7 + 3 = 10$
 10: $7 + 6 = 13$
 11: $5 + 4 = 9$
 12: $8 + 3 = 11$
 13: $3 + 6 = 9$
 14: $1 + 3 = 4$
 15: $5 + 2 = 7$
 16: $2 + 1 = 3$
 17: $4 + 1 = 5$
 18: $6 + 2 = 8$
 19: $8 + 3 = 11$
 20: $4 + 4 = 8$
 21: $10 + 3 = 13$
 22: $7 + 1 = 8$
 23: $10 + 10 = 20$
 24: $6 + 3 = 9$
 25: $9 + 2 = 11$

add_1to10_1to10

Question 4 [25 marks]

- 0: $4 + 3 = 7$
 1: $1 + 4 = 5$
 2: $9 + 3 = 12$
 3: $3 + 5 = 8$
 4: $5 + 10 = 15$
 5: $6 + 10 = 16$
 6: $6 + 2 = 8$
 7: $2 + 7 = 9$
 8: $2 + 7 = 9$
 9: $5 + 10 = 15$
 10: $5 + 7 = 12$
 11: $8 + 1 = 9$
 12: $5 + 6 = 11$
 13: $2 + 10 = 12$
 14: $10 + 8 = 18$
 15: $2 + 9 = 11$
 16: $4 + 4 = 8$
 17: $3 + 3 = 6$
 18: $3 + 3 = 6$
 19: $9 + 8 = 17$
 20: $10 + 9 = 19$
 21: $7 + 3 = 10$
 22: $5 + 3 = 8$
 23: $2 + 4 = 6$
 24: $7 + 2 = 9$
 25: $10 + 1 = 11$

add_1to10_1to10

Question 5 [25 marks]

0: $10 + 7 = 17$

1: $2 + 4 = 6$

2: $2 + 1 = 3$

3: $7 + 10 = 17$

4: $8 + 7 = 15$

5: $5 + 3 = 8$

6: $5 + 10 = 15$

7: $3 + 10 = 13$

8: $2 + 7 = 9$

9: $9 + 10 = 19$

10: $4 + 6 = 10$

11: $5 + 10 = 15$

12: $10 + 1 = 11$

13: $5 + 5 = 10$

14: $10 + 8 = 18$

15: $8 + 10 = 18$

16: $1 + 1 = 2$

17: $5 + 5 = 10$

18: $1 + 9 = 10$

19: $2 + 9 = 11$

20: $8 + 7 = 15$

21: $5 + 3 = 8$

22: $8 + 8 = 16$

23: $7 + 2 = 9$

24: $6 + 7 = 13$

25: $5 + 9 = 14$

Question 6 [25 marks]

0: $7 + 9 = 16$

1: $10 + 10 = 20$

2: $2 + 3 = 5$

3: $7 + 2 = 9$

4: $9 + 2 = 11$

5: $5 + 9 = 14$

6: $10 + 1 = 11$

7: $7 + 6 = 13$

8: $9 + 8 = 17$

9: $8 + 9 = 17$

10: $10 + 7 = 17$

11: $6 + 1 = 7$

12: $5 + 2 = 7$

13: $2 + 1 = 3$

14: $10 + 9 = 19$

15: $10 + 10 = 20$

16: $10 + 4 = 14$

17: $3 + 6 = 9$

18: $7 + 8 = 15$

19: $4 + 8 = 12$

20: $1 + 10 = 11$

21: $3 + 3 = 6$

22: $8 + 10 = 18$

23: $7 + 9 = 16$

24: $9 + 10 = 19$

25: $8 + 3 = 11$

Question 7 [25 marks]

- 0: $4 + 3 = 7$
 1: $8 + 8 = 16$
 2: $4 + 4 = 8$
 3: $1 + 10 = 11$
 4: $6 + 7 = 13$
 5: $2 + 9 = 11$
 6: $10 + 3 = 13$
 7: $2 + 10 = 12$
 8: $6 + 4 = 10$
 9: $3 + 3 = 6$
 10: $10 + 5 = 15$
 11: $9 + 4 = 13$
 12: $10 + 1 = 11$
 13: $1 + 4 = 5$
 14: $4 + 1 = 5$
 15: $8 + 10 = 18$
 16: $8 + 6 = 14$
 17: $3 + 3 = 6$
 18: $10 + 5 = 15$
 19: $6 + 5 = 11$
 20: $2 + 9 = 11$
 21: $4 + 8 = 12$
 22: $9 + 6 = 15$
 23: $7 + 6 = 13$
 24: $8 + 8 = 16$
 25: $6 + 10 = 16$

add_1to10_1to10

Question 8 [25 marks]

- 0: $8 + 1 = 9$
 1: $4 + 7 = 11$
 2: $2 + 1 = 3$
 3: $2 + 6 = 8$
 4: $3 + 8 = 11$
 5: $5 + 3 = 8$
 6: $8 + 9 = 17$
 7: $3 + 2 = 5$
 8: $10 + 7 = 17$
 9: $8 + 6 = 14$
 10: $7 + 4 = 11$
 11: $4 + 10 = 14$
 12: $6 + 2 = 8$
 13: $7 + 8 = 15$
 14: $7 + 2 = 9$
 15: $7 + 2 = 9$
 16: $10 + 4 = 14$
 17: $10 + 5 = 15$
 18: $4 + 10 = 14$
 19: $3 + 9 = 12$
 20: $4 + 5 = 9$
 21: $10 + 6 = 16$
 22: $5 + 1 = 6$
 23: $4 + 3 = 7$
 24: $3 + 8 = 11$
 25: $3 + 4 = 7$

add_1to10_1to10

Question 9 [25 marks]

0: $10 + 7 = 17$

1: $1 + 3 = 4$

2: $1 + 10 = 11$

3: $1 + 9 = 10$

4: $3 + 1 = 4$

5: $6 + 2 = 8$

6: $2 + 3 = 5$

7: $8 + 10 = 18$

8: $9 + 10 = 19$

9: $4 + 9 = 13$

10: $2 + 2 = 4$

11: $9 + 1 = 10$

12: $2 + 3 = 5$

13: $3 + 3 = 6$

14: $1 + 7 = 8$

15: $10 + 6 = 16$

16: $8 + 8 = 16$

17: $2 + 8 = 10$

18: $10 + 1 = 11$

19: $3 + 7 = 10$

20: $10 + 1 = 11$

21: $1 + 3 = 4$

22: $10 + 8 = 18$

23: $6 + 10 = 16$

24: $8 + 8 = 16$

25: $3 + 2 = 5$

Question 10 [25 marks]

0: $1 + 2 = 3$

1: $3 + 9 = 12$

2: $2 + 2 = 4$

3: $10 + 1 = 11$

4: $4 + 10 = 14$

5: $4 + 1 = 5$

6: $10 + 2 = 12$

7: $10 + 2 = 12$

8: $3 + 8 = 11$

9: $3 + 9 = 12$

10: $2 + 3 = 5$

11: $5 + 5 = 10$

12: $9 + 9 = 18$

13: $7 + 1 = 8$

14: $6 + 7 = 13$

15: $2 + 2 = 4$

16: $6 + 10 = 16$

17: $2 + 5 = 7$

18: $2 + 8 = 10$

19: $8 + 3 = 11$

20: $9 + 9 = 18$

21: $3 + 3 = 6$

22: $8 + 1 = 9$

23: $10 + 6 = 16$

24: $4 + 8 = 12$

25: $6 + 1 = 7$

Question 11 [25 marks]

0: $6 + 9 = 15$

1: $7 + 4 = 11$

2: $3 + 7 = 10$

3: $6 + 6 = 12$

4: $5 + 3 = 8$

5: $7 + 3 = 10$

6: $6 + 4 = 10$

7: $6 + 1 = 7$

8: $2 + 4 = 6$

9: $6 + 3 = 9$

10: $8 + 4 = 12$

11: $6 + 8 = 14$

12: $6 + 5 = 11$

13: $6 + 8 = 14$

14: $9 + 8 = 17$

15: $4 + 10 = 14$

16: $5 + 2 = 7$

17: $9 + 9 = 18$

18: $9 + 1 = 10$

19: $7 + 2 = 9$

20: $5 + 2 = 7$

21: $5 + 10 = 15$

22: $3 + 8 = 11$

23: $4 + 6 = 10$

24: $9 + 4 = 13$

25: $2 + 2 = 4$

Question 12 [25 marks]

0: $5 + 1 = 6$

1: $1 + 10 = 11$

2: $6 + 6 = 12$

3: $9 + 4 = 13$

4: $10 + 4 = 14$

5: $5 + 9 = 14$

6: $2 + 7 = 9$

7: $6 + 10 = 16$

8: $7 + 8 = 15$

9: $7 + 6 = 13$

10: $10 + 10 = 20$

11: $10 + 9 = 19$

12: $2 + 4 = 6$

13: $2 + 1 = 3$

14: $9 + 3 = 12$

15: $5 + 1 = 6$

16: $8 + 8 = 16$

17: $10 + 4 = 14$

18: $5 + 8 = 13$

19: $5 + 6 = 11$

20: $2 + 6 = 8$

21: $4 + 3 = 7$

22: $1 + 10 = 11$

23: $5 + 3 = 8$

24: $4 + 5 = 9$

25: $5 + 3 = 8$

Question 13 [25 marks]

0: $38 + 27 = 65$

1: $98 + 77 = 175$

2: $69 + 98 = 167$

3: $65 + 23 = 88$

4: $96 + 91 = 187$

5: $62 + 92 = 154$

6: $46 + 64 = 110$

7: $92 + 70 = 162$

8: $33 + 62 = 95$

9: $73 + 62 = 135$

10: $95 + 74 = 169$

11: $59 + 52 = 111$

12: $62 + 71 = 133$

13: $82 + 71 = 153$

14: $38 + 54 = 92$

15: $36 + 68 = 104$

16: $86 + 33 = 119$

17: $74 + 90 = 164$

18: $79 + 61 = 140$

19: $38 + 24 = 62$

20: $40 + 69 = 109$

21: $21 + 95 = 116$

22: $42 + 77 = 119$

23: $44 + 81 = 125$

24: $75 + 94 = 169$

25: $38 + 27 = 65$

Question 14 [25 marks]

0: $91 + 87 = 178$

1: $43 + 78 = 121$

2: $94 + 91 = 185$

3: $41 + 27 = 68$

4: $40 + 52 = 92$

5: $83 + 33 = 116$

6: $66 + 73 = 139$

7: $59 + 89 = 148$

8: $92 + 65 = 157$

9: $35 + 53 = 88$

10: $54 + 64 = 118$

11: $63 + 23 = 86$

12: $40 + 71 = 111$

13: $84 + 80 = 164$

14: $36 + 76 = 112$

15: $86 + 88 = 174$

16: $57 + 87 = 144$

17: $55 + 81 = 136$

18: $22 + 20 = 42$

19: $46 + 25 = 71$

20: $64 + 41 = 105$

21: $92 + 54 = 146$

22: $68 + 57 = 125$

23: $91 + 99 = 190$

24: $51 + 24 = 75$

25: $76 + 27 = 103$

Question 15 [25 marks]

0: $91 + 22 = 113$

1: $76 + 52 = 128$

2: $70 + 21 = 91$

3: $30 + 87 = 117$

4: $85 + 76 = 161$

5: $62 + 49 = 111$

6: $58 + 79 = 137$

7: $37 + 26 = 63$

8: $36 + 60 = 96$

9: $42 + 44 = 86$

10: $58 + 99 = 157$

11: $75 + 95 = 170$

12: $38 + 75 = 113$

13: $88 + 20 = 108$

14: $23 + 48 = 71$

15: $95 + 45 = 140$

16: $60 + 83 = 143$

17: $66 + 49 = 115$

18: $46 + 76 = 122$

19: $62 + 61 = 123$

20: $83 + 70 = 153$

21: $56 + 33 = 89$

22: $40 + 26 = 66$

23: $65 + 66 = 131$

24: $87 + 24 = 111$

25: $93 + 66 = 159$

Question 16 [25 marks]

0: $60 + 45 = 105$

1: $74 + 41 = 115$

2: $46 + 85 = 131$

3: $50 + 32 = 82$

4: $70 + 40 = 110$

5: $71 + 89 = 160$

6: $46 + 93 = 139$

7: $30 + 30 = 60$

8: $89 + 97 = 186$

9: $68 + 45 = 113$

10: $54 + 93 = 147$

11: $79 + 47 = 126$

12: $53 + 71 = 124$

13: $56 + 55 = 111$

14: $49 + 96 = 145$

15: $87 + 20 = 107$

16: $44 + 53 = 97$

17: $29 + 26 = 55$

18: $31 + 40 = 71$

19: $28 + 50 = 78$

20: $95 + 65 = 160$

21: $22 + 53 = 75$

22: $72 + 73 = 145$

23: $100 + 86 = 186$

24: $62 + 48 = 110$

25: $77 + 87 = 164$

Question 17 [25 marks]

0: $99 + 90 = 189$

1: $75 + 44 = 119$

2: $56 + 28 = 84$

3: $88 + 72 = 160$

4: $24 + 78 = 102$

5: $28 + 43 = 71$

6: $96 + 78 = 174$

7: $37 + 71 = 108$

8: $74 + 52 = 126$

9: $45 + 50 = 95$

10: $66 + 69 = 135$

11: $100 + 56 = 156$

12: $61 + 27 = 88$

13: $60 + 22 = 82$

14: $86 + 93 = 179$

15: $52 + 90 = 142$

16: $81 + 65 = 146$

17: $45 + 99 = 144$

18: $52 + 99 = 151$

19: $82 + 52 = 134$

20: $42 + 34 = 76$

21: $88 + 45 = 133$

22: $99 + 71 = 170$

23: $82 + 58 = 140$

24: $90 + 39 = 129$

25: $64 + 93 = 157$

Question 18 [25 marks]

0: $71 + 74 = 145$

1: $75 + 98 = 173$

2: $29 + 57 = 86$

3: $24 + 31 = 55$

4: $79 + 87 = 166$

5: $46 + 94 = 140$

6: $86 + 56 = 142$

7: $62 + 87 = 149$

8: $27 + 48 = 75$

9: $72 + 31 = 103$

10: $21 + 20 = 41$

11: $48 + 51 = 99$

12: $99 + 31 = 130$

13: $80 + 91 = 171$

14: $70 + 44 = 114$

15: $83 + 59 = 142$

16: $51 + 20 = 71$

17: $36 + 83 = 119$

18: $96 + 71 = 167$

19: $41 + 41 = 82$

20: $97 + 48 = 145$

21: $71 + 80 = 151$

22: $39 + 22 = 61$

23: $40 + 48 = 88$

24: $35 + 73 = 108$

25: $63 + 45 = 108$

Question 19 [25 marks]

- 0: $40 + 46 = 86$
 1: $52 + 50 = 102$
 2: $34 + 100 = 134$
 3: $77 + 32 = 109$
 4: $28 + 58 = 86$
 5: $42 + 34 = 76$
 6: $58 + 58 = 116$
 7: $38 + 45 = 83$
 8: $85 + 29 = 114$
 9: $44 + 87 = 131$
 10: $58 + 56 = 114$
 11: $72 + 48 = 120$
 12: $98 + 50 = 148$
 13: $42 + 31 = 73$
 14: $75 + 37 = 112$
 15: $24 + 25 = 49$
 16: $55 + 63 = 118$
 17: $27 + 20 = 47$
 18: $46 + 70 = 116$
 19: $49 + 24 = 73$
 20: $85 + 65 = 150$
 21: $47 + 74 = 121$
 22: $83 + 24 = 107$
 23: $84 + 55 = 139$
 24: $98 + 64 = 162$
 25: $79 + 40 = 119$

add_20to100_20to100

Question 20 [25 marks]

- 0: $89 + 92 = 181$
 1: $49 + 64 = 113$
 2: $84 + 71 = 155$
 3: $98 + 23 = 121$
 4: $36 + 92 = 128$
 5: $68 + 26 = 94$
 6: $26 + 59 = 85$
 7: $26 + 27 = 53$
 8: $40 + 34 = 74$
 9: $65 + 64 = 129$
 10: $85 + 29 = 114$
 11: $21 + 71 = 92$
 12: $21 + 86 = 107$
 13: $85 + 93 = 178$
 14: $90 + 80 = 170$
 15: $82 + 49 = 131$
 16: $42 + 21 = 63$
 17: $75 + 55 = 130$
 18: $98 + 54 = 152$
 19: $63 + 54 = 117$
 20: $32 + 87 = 119$
 21: $24 + 99 = 123$
 22: $100 + 52 = 152$
 23: $25 + 48 = 73$
 24: $69 + 93 = 162$
 25: $65 + 92 = 157$

add_20to100_20to100

Question 21 [25 marks]

0: $96 + 97 = 193$

1: $74 + 24 = 98$

2: $40 + 20 = 60$

3: $35 + 82 = 117$

4: $89 + 68 = 157$

5: $36 + 82 = 118$

6: $86 + 86 = 172$

7: $22 + 33 = 55$

8: $88 + 60 = 148$

9: $56 + 28 = 84$

10: $31 + 66 = 97$

11: $100 + 85 = 185$

12: $61 + 95 = 156$

13: $84 + 94 = 178$

14: $79 + 54 = 133$

15: $20 + 72 = 92$

16: $20 + 91 = 111$

17: $29 + 62 = 91$

18: $27 + 78 = 105$

19: $22 + 29 = 51$

20: $25 + 27 = 52$

21: $57 + 77 = 134$

22: $67 + 87 = 154$

23: $74 + 24 = 98$

24: $59 + 20 = 79$

25: $51 + 52 = 103$

Question 22 [25 marks]

0: $36 + 87 = 123$

1: $82 + 24 = 106$

2: $57 + 22 = 79$

3: $97 + 72 = 169$

4: $38 + 98 = 136$

5: $30 + 81 = 111$

6: $84 + 78 = 162$

7: $38 + 71 = 109$

8: $77 + 46 = 123$

9: $74 + 47 = 121$

10: $23 + 95 = 118$

11: $82 + 35 = 117$

12: $87 + 38 = 125$

13: $45 + 71 = 116$

14: $29 + 59 = 88$

15: $89 + 33 = 122$

16: $37 + 50 = 87$

17: $96 + 36 = 132$

18: $21 + 65 = 86$

19: $36 + 49 = 85$

20: $66 + 73 = 139$

21: $49 + 45 = 94$

22: $44 + 20 = 64$

23: $53 + 74 = 127$

24: $67 + 31 = 98$

25: $21 + 62 = 83$

Question 23 [25 marks]

0: $62 + 24 = 86$

1: $39 + 46 = 85$

2: $51 + 60 = 111$

3: $26 + 82 = 108$

4: $84 + 62 = 146$

5: $58 + 43 = 101$

6: $23 + 67 = 90$

7: $41 + 89 = 130$

8: $89 + 65 = 154$

9: $56 + 27 = 83$

10: $71 + 41 = 112$

11: $68 + 87 = 155$

12: $31 + 84 = 115$

13: $22 + 88 = 110$

14: $46 + 85 = 131$

15: $84 + 92 = 176$

16: $88 + 55 = 143$

17: $55 + 49 = 104$

18: $26 + 20 = 46$

19: $97 + 23 = 120$

20: $23 + 60 = 83$

21: $43 + 25 = 68$

22: $94 + 60 = 154$

23: $21 + 51 = 72$

24: $63 + 27 = 90$

25: $47 + 72 = 119$

Question 24 [25 marks]

0: $78 + 43 = 121$

1: $20 + 89 = 109$

2: $58 + 46 = 104$

3: $82 + 46 = 128$

4: $25 + 24 = 49$

5: $37 + 95 = 132$

6: $79 + 38 = 117$

7: $35 + 39 = 74$

8: $97 + 97 = 194$

9: $40 + 72 = 112$

10: $68 + 79 = 147$

11: $30 + 83 = 113$

12: $45 + 88 = 133$

13: $97 + 83 = 180$

14: $28 + 81 = 109$

15: $80 + 75 = 155$

16: $46 + 80 = 126$

17: $86 + 61 = 147$

18: $32 + 33 = 65$

19: $57 + 67 = 124$

20: $21 + 44 = 65$

21: $22 + 61 = 83$

22: $44 + 83 = 127$

23: $84 + 67 = 151$

24: $86 + 91 = 177$

25: $42 + 76 = 118$

Question 25 [25 marks]

0: $45 + 70 = 115$

1: $25 + 96 = 121$

2: $50 + 43 = 93$

3: $81 + 75 = 156$

4: $64 + 32 = 96$

5: $83 + 38 = 121$

6: $93 + 58 = 151$

7: $29 + 56 = 85$

8: $86 + 53 = 139$

9: $72 + 41 = 113$

10: $41 + 80 = 121$

11: $36 + 65 = 101$

12: $63 + 88 = 151$

13: $60 + 38 = 98$

14: $55 + 72 = 127$

15: $53 + 94 = 147$

16: $68 + 57 = 125$

17: $25 + 32 = 57$

18: $65 + 34 = 99$

19: $68 + 76 = 144$

20: $61 + 98 = 159$

21: $91 + 65 = 156$

22: $59 + 90 = 149$

23: $34 + 79 = 113$

24: $83 + 86 = 169$

25: $84 + 62 = 146$

Question 26 [25 marks]

0: $68 + 97 = 165$

1: $76 + 87 = 163$

2: $36 + 45 = 81$

3: $74 + 99 = 173$

4: $25 + 78 = 103$

5: $96 + 50 = 146$

6: $60 + 69 = 129$

7: $31 + 32 = 63$

8: $81 + 24 = 105$

9: $34 + 53 = 87$

10: $41 + 26 = 67$

11: $55 + 77 = 132$

12: $69 + 42 = 111$

13: $35 + 99 = 134$

14: $33 + 94 = 127$

15: $88 + 58 = 146$

16: $34 + 88 = 122$

17: $52 + 68 = 120$

18: $95 + 46 = 141$

19: $37 + 67 = 104$

20: $92 + 60 = 152$

21: $22 + 83 = 105$

22: $23 + 70 = 93$

23: $61 + 44 = 105$

24: $96 + 82 = 178$

25: $34 + 81 = 115$

Question 27 [25 marks]

0: $76 + 27 = 103$

1: $80 + 71 = 151$

2: $89 + 37 = 126$

3: $66 + 45 = 111$

4: $60 + 27 = 87$

5: $50 + 64 = 114$

6: $47 + 75 = 122$

7: $38 + 74 = 112$

8: $69 + 30 = 99$

9: $70 + 39 = 109$

10: $62 + 30 = 92$

11: $71 + 70 = 141$

12: $77 + 38 = 115$

13: $73 + 60 = 133$

14: $30 + 33 = 63$

15: $75 + 59 = 134$

16: $65 + 70 = 135$

17: $71 + 84 = 155$

18: $99 + 43 = 142$

19: $100 + 25 = 125$

20: $98 + 63 = 161$

21: $33 + 66 = 99$

22: $44 + 50 = 94$

23: $67 + 44 = 111$

24: $23 + 29 = 52$

25: $93 + 98 = 191$

Question 28 [25 marks]

0: $56 + 66 = 122$

1: $92 + 73 = 165$

2: $34 + 73 = 107$

3: $53 + 52 = 105$

4: $22 + 41 = 63$

5: $54 + 46 = 100$

6: $37 + 90 = 127$

7: $51 + 27 = 78$

8: $91 + 87 = 178$

9: $56 + 33 = 89$

10: $29 + 70 = 99$

11: $93 + 63 = 156$

12: $94 + 46 = 140$

13: $31 + 53 = 84$

14: $27 + 55 = 82$

15: $27 + 49 = 76$

16: $44 + 76 = 120$

17: $71 + 54 = 125$

18: $57 + 59 = 116$

19: $89 + 64 = 153$

20: $33 + 35 = 68$

21: $41 + 53 = 94$

22: $74 + 87 = 161$

23: $80 + 40 = 120$

24: $82 + 24 = 106$

25: $42 + 57 = 99$

Question 29 [25 marks]

0: $70 + 27 = 97$

1: $59 + 35 = 94$

2: $22 + 99 = 121$

3: $41 + 62 = 103$

4: $25 + 30 = 55$

5: $85 + 90 = 175$

6: $41 + 92 = 133$

7: $93 + 84 = 177$

8: $62 + 84 = 146$

9: $97 + 42 = 139$

10: $36 + 36 = 72$

11: $87 + 67 = 154$

12: $26 + 59 = 85$

13: $21 + 41 = 62$

14: $43 + 86 = 129$

15: $51 + 24 = 75$

16: $62 + 40 = 102$

17: $94 + 83 = 177$

18: $45 + 42 = 87$

19: $95 + 70 = 165$

20: $79 + 90 = 169$

21: $29 + 27 = 56$

22: $84 + 53 = 137$

23: $39 + 69 = 108$

24: $93 + 61 = 154$

25: $63 + 21 = 84$

Question 30 [25 marks]

0: $64 + 89 = 153$

1: $91 + 82 = 173$

2: $28 + 24 = 52$

3: $89 + 44 = 133$

4: $23 + 55 = 78$

5: $63 + 88 = 151$

6: $61 + 72 = 133$

7: $37 + 57 = 94$

8: $25 + 59 = 84$

9: $51 + 97 = 148$

10: $68 + 91 = 159$

11: $63 + 47 = 110$

12: $65 + 35 = 100$

13: $78 + 87 = 165$

14: $20 + 58 = 78$

15: $94 + 64 = 158$

16: $92 + 77 = 169$

17: $51 + 30 = 81$

18: $41 + 49 = 90$

19: $56 + 73 = 129$

20: $72 + 93 = 165$

21: $92 + 79 = 171$

22: $92 + 32 = 124$

23: $23 + 69 = 92$

24: $88 + 28 = 116$

25: $72 + 61 = 133$

Question 31 [25 marks]

0: $49 + 91 = 140$

1: $85 + 87 = 172$

2: $54 + 23 = 77$

3: $42 + 53 = 95$

4: $74 + 50 = 124$

5: $25 + 57 = 82$

6: $77 + 76 = 153$

7: $40 + 95 = 135$

8: $93 + 63 = 156$

9: $40 + 20 = 60$

10: $53 + 26 = 79$

11: $35 + 78 = 113$

12: $39 + 72 = 111$

13: $22 + 89 = 111$

14: $61 + 41 = 102$

15: $97 + 95 = 192$

16: $48 + 92 = 140$

17: $62 + 28 = 90$

18: $100 + 27 = 127$

19: $97 + 88 = 185$

20: $50 + 55 = 105$

21: $34 + 74 = 108$

22: $91 + 42 = 133$

23: $48 + 61 = 109$

24: $77 + 40 = 117$

25: $67 + 45 = 112$

Question 32 [25 marks]

0: $25 + 31 = 56$

1: $80 + 99 = 179$

2: $58 + 65 = 123$

3: $98 + 73 = 171$

4: $21 + 69 = 90$

5: $85 + 21 = 106$

6: $75 + 75 = 150$

7: $42 + 52 = 94$

8: $88 + 94 = 182$

9: $28 + 38 = 66$

10: $98 + 96 = 194$

11: $94 + 69 = 163$

12: $20 + 80 = 100$

13: $94 + 31 = 125$

14: $97 + 94 = 191$

15: $91 + 81 = 172$

16: $44 + 60 = 104$

17: $41 + 35 = 76$

18: $86 + 53 = 139$

19: $52 + 27 = 79$

20: $47 + 91 = 138$

21: $29 + 32 = 61$

22: $35 + 24 = 59$

23: $39 + 79 = 118$

24: $49 + 83 = 132$

25: $81 + 44 = 125$