

**Aptitude - Ans Key - Series A**

| Q.NO | Ans key | Q.No | Ans Key |
|------|---------|------|---------|
| 1    | D       | 51   | A       |
| 2    | C       | 52   | C       |
| 3    | D       | 53   | B       |
| 4    | C       | 54   | D       |
| 5    | A       | 55   | A       |
| 6    | D       | 56   | B       |
| 7    | B       | 57   | C       |
| 8    | D       | 58   | A       |
| 9    | C       | 59   | D       |
| 10   | D       | 60   | A       |
| 11   | D       | 61   | C       |
| 12   | B       | 62   | C       |
| 13   | A       | 63   | B       |
| 14   | C       | 64   | D       |
| 15   | D       | 65   | D       |
| 16   | B       | 66   | B       |
| 17   | B       | 67   | B       |
| 18   | B       | 68   | A       |
| 19   | C       | 69   | B       |
| 20   | C       | 70   | B       |
| 21   | B       | 71   | C       |
| 22   | C       | 72   | B       |
| 23   | D       | 73   | B       |
| 24   | B       | 74   | C       |
| 25   | B       | 75   | A       |
| 26   | C       | 76   | B       |
| 27   | C       | 77   | C       |
| 28   | B       | 78   | C       |
| 29   | A       | 79   | A       |
| 30   | D       | 80   | B       |
| 31   | A       | 81   | D       |
| 32   | A       | 82   | B       |
| 33   | B       | 83   | A       |
| 34   | C       | 84   | C       |
| 35   | C       | 85   | B       |
| 36   | D       | 86   | C       |
| 37   | D       | 87   | D       |
| 38   | C       | 88   | C       |
| 39   | A       | 89   | B       |
| 40   | A       | 90   | D       |
| 41   | B       | 91   | C       |
| 42   | B       | 92   | C       |
| 43   | B       | 93   | A       |
| 44   | D       | 94   | B       |
| 45   | B       | 95   | D       |
| 46   | B       | 96   | C       |
| 47   | B       | 97   | B       |
| 48   | A       | 98   | D       |
| 49   | C       | 99   | B       |
| 50   | B       | 100  | C       |

**Aptitude - Ans Key - Series B**

| Q.NO | Ans key | Q.No | Ans Key |
|------|---------|------|---------|
| 1    | A       | 51   | B       |
| 2    | D       | 52   | A       |
| 3    | C       | 53   | D       |
| 4    | C       | 54   | C       |
| 5    | D       | 55   | D       |
| 6    | D       | 56   | B       |
| 7    | B       | 57   | B       |
| 8    | C       | 58   | D       |
| 9    | B       | 59   | B       |
| 10   | A       | 60   | A       |
| 11   | B       | 61   | A       |
| 12   | D       | 62   | B       |
| 13   | C       | 63   | B       |
| 14   | B       | 64   | C       |
| 15   | C       | 65   | B       |
| 16   | D       | 66   | A       |
| 17   | B       | 67   | C       |
| 18   | C       | 68   | D       |
| 19   | C       | 69   | B       |
| 20   | D       | 70   | A       |
| 21   | D       | 71   | B       |
| 22   | D       | 72   | C       |
| 23   | B       | 73   | A       |
| 24   | B       | 74   | C       |
| 25   | B       | 75   | C       |
| 26   | A       | 76   | D       |
| 27   | B       | 77   | C       |
| 28   | D       | 78   | B       |
| 29   | C       | 79   | B       |
| 30   | A       | 80   | A       |
| 31   | C       | 81   | C       |
| 32   | C       | 82   | C       |
| 33   | A       | 83   | C       |
| 34   | B       | 84   | A       |
| 35   | B       | 85   | B       |
| 36   | C       | 86   | B       |
| 37   | D       | 87   | C       |
| 38   | D       | 88   | D       |
| 39   | B       | 89   | C       |
| 40   | D       | 90   | B       |
| 41   | B       | 91   | D       |
| 42   | C       | 92   | C       |
| 43   | B       | 93   | B       |
| 44   | A       | 94   | D       |
| 45   | A       | 95   | A       |
| 46   | A       | 96   | C       |
| 47   | C       | 97   | C       |
| 48   | B       | 98   | B       |
| 49   | B       | 99   | D       |
| 50   | B       | 100  | B       |

**Aptitude - Ans Key - Series C**

| Q.NO | Ans key | Q.No | Ans Key |
|------|---------|------|---------|
| 1    | B       | 51   | A       |
| 2    | B       | 52   | C       |
| 3    | B       | 53   | C       |
| 4    | D       | 54   | C       |
| 5    | D       | 55   | B       |
| 6    | D       | 56   | A       |
| 7    | C       | 57   | B       |
| 8    | C       | 58   | D       |
| 9    | B       | 59   | C       |
| 10   | D       | 60   | A       |
| 11   | C       | 61   | B       |
| 12   | B       | 62   | C       |
| 13   | B       | 63   | A       |
| 14   | D       | 64   | B       |
| 15   | C       | 65   | B       |
| 16   | A       | 66   | A       |
| 17   | B       | 67   | B       |
| 18   | C       | 68   | D       |
| 19   | B       | 69   | B       |
| 20   | D       | 70   | B       |
| 21   | D       | 71   | D       |
| 22   | C       | 72   | C       |
| 23   | C       | 73   | D       |
| 24   | D       | 74   | A       |
| 25   | A       | 75   | B       |
| 26   | C       | 76   | C       |
| 27   | A       | 77   | A       |
| 28   | C       | 78   | B       |
| 29   | A       | 79   | D       |
| 30   | B       | 80   | C       |
| 31   | D       | 81   | B       |
| 32   | B       | 82   | C       |
| 33   | C       | 83   | B       |
| 34   | A       | 84   | B       |
| 35   | B       | 85   | C       |
| 36   | B       | 86   | A       |
| 37   | C       | 87   | B       |
| 38   | A       | 88   | D       |
| 39   | A       | 89   | C       |
| 40   | B       | 90   | C       |
| 41   | B       | 91   | D       |
| 42   | A       | 92   | A       |
| 43   | B       | 93   | D       |
| 44   | C       | 94   | C       |
| 45   | D       | 95   | C       |
| 46   | D       | 96   | B       |
| 47   | B       | 97   | B       |
| 48   | D       | 98   | C       |
| 49   | B       | 99   | B       |
| 50   | C       | 100  | D       |

**Aptitude - Ans Key - Series D**

| Q.NO | Ans key | Q.No | Ans Key |
|------|---------|------|---------|
| 1    | B       | 51   | C       |
| 2    | C       | 52   | A       |
| 3    | D       | 53   | A       |
| 4    | B       | 54   | B       |
| 5    | D       | 55   | B       |
| 6    | C       | 56   | C       |
| 7    | C       | 57   | A       |
| 8    | D       | 58   | B       |
| 9    | D       | 59   | C       |
| 10   | C       | 60   | D       |
| 11   | B       | 61   | C       |
| 12   | C       | 62   | B       |
| 13   | B       | 63   | A       |
| 14   | A       | 64   | B       |
| 15   | A       | 65   | D       |
| 16   | C       | 66   | B       |
| 17   | C       | 67   | B       |
| 18   | D       | 68   | D       |
| 19   | B       | 69   | C       |
| 20   | D       | 70   | A       |
| 21   | B       | 71   | B       |
| 22   | B       | 72   | A       |
| 23   | B       | 73   | C       |
| 24   | D       | 74   | B       |
| 25   | D       | 75   | D       |
| 26   | B       | 76   | B       |
| 27   | A       | 77   | D       |
| 28   | C       | 78   | A       |
| 29   | D       | 79   | C       |
| 30   | C       | 80   | C       |
| 31   | A       | 81   | B       |
| 32   | A       | 82   | B       |
| 33   | B       | 83   | C       |
| 34   | C       | 84   | C       |
| 35   | A       | 85   | A       |
| 36   | D       | 86   | B       |
| 37   | B       | 87   | C       |
| 38   | B       | 88   | C       |
| 39   | D       | 89   | D       |
| 40   | B       | 90   | D       |
| 41   | B       | 91   | B       |
| 42   | C       | 92   | B       |
| 43   | B       | 93   | C       |
| 44   | B       | 94   | A       |
| 45   | C       | 95   | C       |
| 46   | C       | 96   | D       |
| 47   | D       | 97   | D       |
| 48   | A       | 98   | B       |
| 49   | A       | 99   | C       |
| 50   | B       | 100  | B       |

Chemical - Ans Key - Series A

| Q No. | Ans key | Q No. | Ans key |
|-------|---------|-------|---------|
| 1     | D       | 51    | C       |
| 2     | D       | 52    | A       |
| 3     | C       | 53    | C       |
| 4     | C       | 54    | D       |
| 5     | B       | 55    | C       |
| 6     | B       | 56    | C       |
| 7     | A       | 57    | A       |
| 8     | C       | 58    | C       |
| 9     | D       | 59    | C       |
| 10    | D       | 60    | D       |
| 11    | B       | 61    | B       |
| 12    | C       | 62    | A       |
| 13    | C       | 63    | A       |
| 14    | C       | 64    | C       |
| 15    | C       | 65    | B       |
| 16    | C       | 66    | D       |
| 17    | A       | 67    | C       |
| 18    | A       | 68    | B       |
| 19    | A       | 69    | A       |
| 20    | D       | 70    | D       |
| 21    | B       | 71    | C       |
| 22    | A       | 72    | B       |
| 23    | C       | 73    | D       |
| 24    | A       | 74    | B       |
| 25    | B       | 75    | C       |
| 26    | D       | 76    | D       |
| 27    | C       | 77    | A       |
| 28    | A       | 78    | A       |
| 29    | A       | 79    | B       |
| 30    | D       | 80    | A       |
| 31    | B       | 81    | A       |
| 32    | A       | 82    | C       |
| 33    | C       | 83    | B       |
| 34    | B       | 84    | B       |
| 35    | A       | 85    | D       |
| 36    | C       | 86    | D       |
| 37    | A       | 87    | D       |
| 38    | B       | 88    | C       |
| 39    | A       | 89    | B       |
| 40    | C       | 90    | C       |
| 41    | A       | 91    | C       |
| 42    | D       | 92    | C       |
| 43    | B       | 93    | A       |
| 44    | A       | 94    | C       |
| 45    | D       | 95    | D       |
| 46    | D       | 96    | B       |
| 47    | A       | 97    | D       |
| 48    | A       | 98    | C       |
| 49    | D       | 99    | B       |
| 50    | D       | 100   | A       |

Chemical - Ans Key - Series B

| Q No. | Ans key | Q No. | Ans key |
|-------|---------|-------|---------|
| 1     | C       | 51    | D       |
| 2     | D       | 52    | D       |
| 3     | A       | 53    | A       |
| 4     | D       | 54    | C       |
| 5     | C       | 55    | A       |
| 6     | C       | 56    | A       |
| 7     | D       | 57    | B       |
| 8     | C       | 58    | A       |
| 9     | C       | 59    | A       |
| 10    | B       | 60    | D       |
| 11    | C       | 61    | A       |
| 12    | B       | 62    | B       |
| 13    | A       | 63    | C       |
| 14    | A       | 64    | A       |
| 15    | C       | 65    | B       |
| 16    | C       | 66    | C       |
| 17    | C       | 67    | B       |
| 18    | D       | 68    | B       |
| 19    | D       | 69    | D       |
| 20    | D       | 70    | A       |
| 21    | B       | 71    | D       |
| 22    | B       | 72    | C       |
| 23    | A       | 73    | D       |
| 24    | C       | 74    | A       |
| 25    | A       | 75    | C       |
| 26    | C       | 76    | B       |
| 27    | C       | 77    | B       |
| 28    | C       | 78    | A       |
| 29    | B       | 79    | C       |
| 30    | C       | 80    | C       |
| 31    | D       | 81    | C       |
| 32    | C       | 82    | A       |
| 33    | C       | 83    | C       |
| 34    | A       | 84    | D       |
| 35    | B       | 85    | A       |
| 36    | A       | 86    | B       |
| 37    | A       | 87    | C       |
| 38    | A       | 88    | A       |
| 39    | D       | 89    | D       |
| 40    | D       | 90    | D       |
| 41    | C       | 91    | B       |
| 42    | B       | 92    | D       |
| 43    | B       | 93    | D       |
| 44    | A       | 94    | A       |
| 45    | D       | 95    | C       |
| 46    | C       | 96    | A       |
| 47    | B       | 97    | B       |
| 48    | A       | 98    | D       |
| 49    | C       | 99    | A       |
| 50    | B       | 100   | D       |

Chemical - Ans Key - Series C

| Q No. | Ans key | Q No. | Ans key |
|-------|---------|-------|---------|
| 1     | A       | 51    | C       |
| 2     | D       | 52    | B       |
| 3     | B       | 53    | B       |
| 4     | D       | 54    | A       |
| 5     | C       | 55    | D       |
| 6     | A       | 56    | C       |
| 7     | D       | 57    | B       |
| 8     | A       | 58    | A       |
| 9     | B       | 59    | C       |
| 10    | D       | 60    | B       |
| 11    | D       | 61    | D       |
| 12    | D       | 62    | D       |
| 13    | C       | 63    | A       |
| 14    | A       | 64    | A       |
| 15    | A       | 65    | B       |
| 16    | B       | 66    | A       |
| 17    | C       | 67    | D       |
| 18    | D       | 68    | A       |
| 19    | C       | 69    | C       |
| 20    | A       | 70    | C       |
| 21    | C       | 71    | B       |
| 22    | C       | 72    | C       |
| 23    | B       | 73    | C       |
| 24    | A       | 74    | C       |
| 25    | C       | 75    | A       |
| 26    | B       | 76    | C       |
| 27    | D       | 77    | A       |
| 28    | A       | 78    | C       |
| 29    | D       | 79    | B       |
| 30    | C       | 80    | B       |
| 31    | D       | 81    | D       |
| 32    | A       | 82    | D       |
| 33    | B       | 83    | C       |
| 34    | C       | 84    | D       |
| 35    | B       | 85    | C       |
| 36    | B       | 86    | C       |
| 37    | C       | 87    | A       |
| 38    | A       | 88    | A       |
| 39    | A       | 89    | C       |
| 40    | B       | 90    | B       |
| 41    | A       | 91    | C       |
| 42    | D       | 92    | B       |
| 43    | B       | 93    | D       |
| 44    | A       | 94    | C       |
| 45    | A       | 95    | C       |
| 46    | A       | 96    | C       |
| 47    | A       | 97    | A       |
| 48    | C       | 98    | D       |
| 49    | D       | 99    | C       |
| 50    | D       | 100   | D       |

Chemical - Ans Key - Series D

| Q No. | Ans key | Q No. | Ans key |
|-------|---------|-------|---------|
| 1     | C       | 51    | A       |
| 2     | B       | 52    | B       |
| 3     | D       | 53    | C       |
| 4     | B       | 54    | A       |
| 5     | A       | 55    | D       |
| 6     | D       | 56    | A       |
| 7     | A       | 57    | A       |
| 8     | C       | 58    | D       |
| 9     | C       | 59    | C       |
| 10    | D       | 60    | D       |
| 11    | A       | 61    | D       |
| 12    | C       | 62    | D       |
| 13    | C       | 63    | B       |
| 14    | B       | 64    | C       |
| 15    | B       | 65    | C       |
| 16    | B       | 66    | A       |
| 17    | A       | 67    | B       |
| 18    | B       | 68    | C       |
| 19    | D       | 69    | C       |
| 20    | C       | 70    | C       |
| 21    | A       | 71    | A       |
| 22    | B       | 72    | A       |
| 23    | A       | 73    | C       |
| 24    | C       | 74    | C       |
| 25    | C       | 75    | B       |
| 26    | D       | 76    | C       |
| 27    | D       | 77    | C       |
| 28    | D       | 78    | D       |
| 29    | B       | 79    | A       |
| 30    | D       | 80    | D       |
| 31    | A       | 81    | C       |
| 32    | A       | 82    | C       |
| 33    | B       | 83    | B       |
| 34    | A       | 84    | A       |
| 35    | D       | 85    | D       |
| 36    | C       | 86    | A       |
| 37    | B       | 87    | A       |
| 38    | D       | 88    | B       |
| 39    | C       | 89    | A       |
| 40    | A       | 90    | D       |
| 41    | A       | 91    | D       |
| 42    | C       | 92    | C       |
| 43    | A       | 93    | B       |
| 44    | A       | 94    | C       |
| 45    | C       | 95    | B       |
| 46    | C       | 96    | A       |
| 47    | D       | 97    | A       |
| 48    | C       | 98    | D       |
| 49    | B       | 99    | C       |
| 50    | D       | 100   | B       |

**Civil - Ans Key - Series A**

| Q No. | Ans key | Q No. | Ans key |
|-------|---------|-------|---------|
| 1     | A       | 51    | B       |
| 2     | D       | 52    | B       |
| 3     | D       | 53    | B       |
| 4     | C       | 54    | D       |
| 5     | D       | 55    | C       |
| 6     | B       | 56    | C       |
| 7     | B       | 57    | B       |
| 8     | B       | 58    | A       |
| 9     | C       | 59    | A       |
| 10    | B       | 60    | B       |
| 11    | A       | 61    | B       |
| 12    | C       | 62    | C       |
| 13    | C       | 63    | A       |
| 14    | C       | 64    | C       |
| 15    | D       | 65    | B       |
| 16    | B       | 66    | C       |
| 17    | B       | 67    | B       |
| 18    | B       | 68    | C       |
| 19    | B       | 69    | A       |
| 20    | C       | 70    | C       |
| 21    | A       | 71    | D       |
| 22    | A       | 72    | D       |
| 23    | C       | 73    | B       |
| 24    | C       | 74    | D       |
| 25    | B       | 75    | C       |
| 26    | D       | 76    | D       |
| 27    | C       | 77    | A       |
| 28    | D       | 78    | C       |
| 29    | B       | 79    | A       |
| 30    | D       | 80    | C       |
| 31    | D       | 81    | D       |
| 32    | B       | 82    | C       |
| 33    | D       | 83    | C       |
| 34    | B       | 84    | B       |
| 35    | C       | 85    | B       |
| 36    | C       | 86    | C       |
| 37    | B       | 87    | D       |
| 38    | B       | 88    | B       |
| 39    | C       | 89    | D       |
| 40    | B       | 90    | D       |
| 41    | C       | 91    | C       |
| 42    | C       | 92    | B       |
| 43    | C       | 93    | A       |
| 44    | A       | 94    | C       |
| 45    | B       | 95    | D       |
| 46    | C       | 96    | A       |
| 47    | A       | 97    | B       |
| 48    | A       | 98    | C       |
| 49    | C       | 99    | A       |
| 50    | B       | 100   | C       |

**Civil - Ans Key - Series B**

| Q No. | Ans key | Q No. | Ans key |
|-------|---------|-------|---------|
| 1     | B       | 51    | D       |
| 2     | A       | 52    | D       |
| 3     | B       | 53    | A       |
| 4     | D       | 54    | C       |
| 5     | B       | 55    | C       |
| 6     | D       | 56    | D       |
| 7     | D       | 57    | A       |
| 8     | C       | 58    | B       |
| 9     | C       | 59    | C       |
| 10    | D       | 60    | D       |
| 11    | C       | 61    | D       |
| 12    | B       | 62    | D       |
| 13    | B       | 63    | C       |
| 14    | B       | 64    | B       |
| 15    | A       | 65    | C       |
| 16    | B       | 66    | D       |
| 17    | A       | 67    | B       |
| 18    | C       | 68    | B       |
| 19    | B       | 69    | B       |
| 20    | B       | 70    | C       |
| 21    | B       | 71    | C       |
| 22    | A       | 72    | C       |
| 23    | C       | 73    | D       |
| 24    | C       | 74    | B       |
| 25    | A       | 75    | B       |
| 26    | C       | 76    | B       |
| 27    | C       | 77    | D       |
| 28    | C       | 78    | C       |
| 29    | B       | 79    | D       |
| 30    | D       | 80    | B       |
| 31    | C       | 81    | C       |
| 32    | B       | 82    | C       |
| 33    | B       | 83    | B       |
| 34    | B       | 84    | C       |
| 35    | C       | 85    | A       |
| 36    | B       | 86    | C       |
| 37    | A       | 87    | C       |
| 38    | B       | 88    | A       |
| 39    | C       | 89    | D       |
| 40    | C       | 90    | B       |
| 41    | D       | 91    | A       |
| 42    | A       | 92    | C       |
| 43    | D       | 93    | B       |
| 44    | A       | 94    | A       |
| 45    | B       | 95    | C       |
| 46    | C       | 96    | A       |
| 47    | D       | 97    | A       |
| 48    | C       | 98    | C       |
| 49    | C       | 99    | C       |
| 50    | B       | 100   | B       |

**Civil - Ans Key - Series C**

| Q No. | Ans key | Q No. | Ans key |
|-------|---------|-------|---------|
| 1     | C       | 51    | C       |
| 2     | B       | 52    | B       |
| 3     | A       | 53    | D       |
| 4     | C       | 54    | C       |
| 5     | C       | 55    | B       |
| 6     | A       | 56    | C       |
| 7     | B       | 57    | D       |
| 8     | A       | 58    | A       |
| 9     | A       | 59    | D       |
| 10    | C       | 60    | A       |
| 11    | D       | 61    | C       |
| 12    | B       | 62    | C       |
| 13    | C       | 63    | A       |
| 14    | A       | 64    | B       |
| 15    | A       | 65    | C       |
| 16    | C       | 66    | B       |
| 17    | B       | 67    | C       |
| 18    | C       | 68    | B       |
| 19    | C       | 69    | B       |
| 20    | C       | 70    | B       |
| 21    | D       | 71    | B       |
| 22    | B       | 72    | D       |
| 23    | D       | 73    | C       |
| 24    | C       | 74    | C       |
| 25    | B       | 75    | A       |
| 26    | B       | 76    | C       |
| 27    | D       | 77    | C       |
| 28    | B       | 78    | C       |
| 29    | C       | 79    | B       |
| 30    | C       | 80    | A       |
| 31    | B       | 81    | B       |
| 32    | C       | 82    | B       |
| 33    | B       | 83    | A       |
| 34    | D       | 84    | C       |
| 35    | C       | 85    | A       |
| 36    | B       | 86    | B       |
| 37    | C       | 87    | B       |
| 38    | B       | 88    | B       |
| 39    | D       | 89    | C       |
| 40    | D       | 90    | B       |
| 41    | C       | 91    | C       |
| 42    | D       | 92    | D       |
| 43    | A       | 93    | D       |
| 44    | B       | 94    | C       |
| 45    | C       | 95    | B       |
| 46    | D       | 96    | D       |
| 47    | A       | 97    | B       |
| 48    | C       | 98    | D       |
| 49    | D       | 99    | B       |
| 50    | D       | 100   | A       |

**Civil - Ans Key - Series D**

| Q No. | Ans key | Q No. | Ans key |
|-------|---------|-------|---------|
| 1     | B       | 51    | B       |
| 2     | B       | 52    | B       |
| 3     | A       | 53    | B       |
| 4     | C       | 54    | B       |
| 5     | C       | 55    | B       |
| 6     | D       | 56    | B       |
| 7     | A       | 57    | B       |
| 8     | C       | 58    | C       |
| 9     | D       | 59    | B       |
| 10    | C       | 60    | C       |
| 11    | B       | 61    | D       |
| 12    | C       | 62    | D       |
| 13    | D       | 63    | A       |
| 14    | B       | 64    | B       |
| 15    | D       | 65    | C       |
| 16    | D       | 66    | A       |
| 17    | C       | 67    | D       |
| 18    | B       | 68    | C       |
| 19    | B       | 69    | C       |
| 20    | B       | 70    | D       |
| 21    | B       | 71    | B       |
| 22    | D       | 72    | C       |
| 23    | C       | 73    | C       |
| 24    | B       | 74    | A       |
| 25    | C       | 75    | B       |
| 26    | C       | 76    | B       |
| 27    | C       | 77    | A       |
| 28    | D       | 78    | D       |
| 29    | C       | 79    | A       |
| 30    | B       | 80    | B       |
| 31    | A       | 81    | C       |
| 32    | A       | 82    | C       |
| 33    | A       | 83    | B       |
| 34    | C       | 84    | D       |
| 35    | B       | 85    | D       |
| 36    | C       | 86    | C       |
| 37    | A       | 87    | B       |
| 38    | C       | 88    | A       |
| 39    | C       | 89    | A       |
| 40    | C       | 90    | D       |
| 41    | A       | 91    | B       |
| 42    | C       | 92    | C       |
| 43    | D       | 93    | D       |
| 44    | A       | 94    | C       |
| 45    | D       | 95    | B       |
| 46    | C       | 96    | B       |
| 47    | B       | 97    | C       |
| 48    | B       | 98    | C       |
| 49    | C       | 99    | D       |
| 50    | C       | 100   | A       |

**Computer Science - Ans Key - Series A**

| Q No. | Ans key | Q No. | Ans key |
|-------|---------|-------|---------|
| 1     | B       | 51    | B       |
| 2     | B       | 52    | C       |
| 3     | D       | 53    | D       |
| 4     | C       | 54    | B       |
| 5     | C       | 55    | D       |
| 6     | C       | 56    | B       |
| 7     | B       | 57    | B       |
| 8     | D       | 58    | A       |
| 9     | B       | 59    | B       |
| 10    | A       | 60    | A       |
| 11    | C       | 61    | B       |
| 12    | C       | 62    | C       |
| 13    | A       | 63    | A       |
| 14    | C       | 64    | B       |
| 15    | B       | 65    | B       |
| 16    | C       | 66    | B       |
| 17    | D       | 67    | C       |
| 18    | C       | 68    | C       |
| 19    | B       | 69    | D       |
| 20    | B       | 70    | D       |
| 21    | B       | 71    | B       |
| 22    | B       | 72    | D       |
| 23    | B       | 73    | D       |
| 24    | A       | 74    | C       |
| 25    | B       | 75    | C       |
| 26    | C       | 76    | D       |
| 27    | B       | 77    | C       |
| 28    | A       | 78    | A       |
| 29    | C       | 79    | C       |
| 30    | A       | 80    | B       |
| 31    | A       | 81    | D       |
| 32    | A       | 82    | B       |
| 33    | B       | 83    | A       |
| 34    | A       | 84    | A       |
| 35    | D       | 85    | B       |
| 36    | C       | 86    | A       |
| 37    | D       | 87    | C       |
| 38    | A       | 88    | A       |
| 39    | B       | 89    | A       |
| 40    | D       | 90    | D       |
| 41    | D       | 91    | A       |
| 42    | D       | 92    | C       |
| 43    | D       | 93    | D       |
| 44    | C       | 94    | C       |
| 45    | C       | 95    | B       |
| 46    | A       | 96    | C       |
| 47    | B       | 97    | A       |
| 48    | D       | 98    | A       |
| 49    | A       | 99    | A       |
| 50    | C       | 100   | D       |

**Computer Science - Ans Key - Series B**

| Q No. | Ans key | Q No. | Ans key |
|-------|---------|-------|---------|
| 1     | B       | 51    | D       |
| 2     | B       | 52    | C       |
| 3     | C       | 53    | C       |
| 4     | B       | 54    | B       |
| 5     | D       | 55    | A       |
| 6     | D       | 56    | A       |
| 7     | B       | 57    | C       |
| 8     | C       | 58    | C       |
| 9     | D       | 59    | B       |
| 10    | C       | 60    | A       |
| 11    | B       | 61    | D       |
| 12    | C       | 62    | A       |
| 13    | B       | 63    | B       |
| 14    | B       | 64    | A       |
| 15    | A       | 65    | A       |
| 16    | D       | 66    | B       |
| 17    | B       | 67    | A       |
| 18    | B       | 68    | A       |
| 19    | A       | 69    | B       |
| 20    | A       | 70    | D       |
| 21    | B       | 71    | A       |
| 22    | C       | 72    | C       |
| 23    | C       | 73    | C       |
| 24    | C       | 74    | D       |
| 25    | A       | 75    | A       |
| 26    | A       | 76    | A       |
| 27    | B       | 77    | A       |
| 28    | C       | 78    | B       |
| 29    | B       | 79    | D       |
| 30    | B       | 80    | D       |
| 31    | B       | 81    | A       |
| 32    | C       | 82    | D       |
| 33    | C       | 83    | C       |
| 34    | D       | 84    | D       |
| 35    | C       | 85    | D       |
| 36    | C       | 86    | D       |
| 37    | D       | 87    | C       |
| 38    | B       | 88    | C       |
| 39    | D       | 89    | B       |
| 40    | B       | 90    | C       |
| 41    | B       | 91    | C       |
| 42    | B       | 92    | A       |
| 43    | D       | 93    | A       |
| 44    | B       | 94    | B       |
| 45    | D       | 95    | A       |
| 46    | B       | 96    | D       |
| 47    | C       | 97    | A       |
| 48    | A       | 98    | A       |
| 49    | C       | 99    | D       |
| 50    | B       | 100   | C       |

Computer Science - Ans Key - Series C

| Q No. | Ans key | Q No. | Ans key |
|-------|---------|-------|---------|
| 1     | D       | 51    | C       |
| 2     | C       | 52    | B       |
| 3     | A       | 53    | C       |
| 4     | A       | 54    | A       |
| 5     | A       | 55    | D       |
| 6     | D       | 56    | B       |
| 7     | A       | 57    | D       |
| 8     | B       | 58    | B       |
| 9     | C       | 59    | B       |
| 10    | A       | 60    | B       |
| 11    | B       | 61    | D       |
| 12    | C       | 62    | B       |
| 13    | C       | 63    | D       |
| 14    | C       | 64    | B       |
| 15    | D       | 65    | C       |
| 16    | D       | 66    | C       |
| 17    | C       | 67    | B       |
| 18    | D       | 68    | D       |
| 19    | A       | 69    | C       |
| 20    | D       | 70    | C       |
| 21    | D       | 71    | B       |
| 22    | D       | 72    | B       |
| 23    | A       | 73    | B       |
| 24    | B       | 74    | C       |
| 25    | A       | 75    | A       |
| 26    | A       | 76    | A       |
| 27    | C       | 77    | C       |
| 28    | D       | 78    | C       |
| 29    | A       | 79    | B       |
| 30    | C       | 80    | C       |
| 31    | B       | 81    | A       |
| 32    | D       | 82    | A       |
| 33    | A       | 83    | B       |
| 34    | B       | 84    | B       |
| 35    | A       | 85    | A       |
| 36    | A       | 86    | D       |
| 37    | B       | 87    | B       |
| 38    | A       | 88    | B       |
| 39    | D       | 89    | B       |
| 40    | A       | 90    | C       |
| 41    | B       | 91    | D       |
| 42    | A       | 92    | C       |
| 43    | C       | 93    | B       |
| 44    | C       | 94    | C       |
| 45    | A       | 95    | D       |
| 46    | A       | 96    | D       |
| 47    | C       | 97    | C       |
| 48    | B       | 98    | B       |
| 49    | D       | 99    | B       |
| 50    | C       | 100   | B       |

Computer Science - Ans Key - Series D

| Q No. | Ans key | Q No. | Ans key |
|-------|---------|-------|---------|
| 1     | C       | 51    | D       |
| 2     | A       | 52    | A       |
| 3     | B       | 53    | B       |
| 4     | C       | 54    | C       |
| 5     | D       | 55    | B       |
| 6     | B       | 56    | C       |
| 7     | D       | 57    | B       |
| 8     | C       | 58    | A       |
| 9     | D       | 59    | D       |
| 10    | D       | 60    | B       |
| 11    | D       | 61    | C       |
| 12    | C       | 62    | B       |
| 13    | B       | 63    | B       |
| 14    | A       | 64    | A       |
| 15    | C       | 65    | D       |
| 16    | D       | 66    | B       |
| 17    | B       | 67    | A       |
| 18    | C       | 68    | B       |
| 19    | D       | 69    | B       |
| 20    | D       | 70    | D       |
| 21    | B       | 71    | B       |
| 22    | C       | 72    | A       |
| 23    | D       | 73    | A       |
| 24    | D       | 74    | A       |
| 25    | C       | 75    | B       |
| 26    | D       | 76    | C       |
| 27    | B       | 77    | B       |
| 28    | D       | 78    | C       |
| 29    | D       | 79    | D       |
| 30    | A       | 80    | A       |
| 31    | C       | 81    | B       |
| 32    | C       | 82    | C       |
| 33    | C       | 83    | B       |
| 34    | A       | 84    | A       |
| 35    | C       | 85    | B       |
| 36    | C       | 86    | C       |
| 37    | C       | 87    | C       |
| 38    | A       | 88    | C       |
| 39    | A       | 89    | A       |
| 40    | B       | 90    | A       |
| 41    | B       | 91    | A       |
| 42    | C       | 92    | B       |
| 43    | D       | 93    | A       |
| 44    | D       | 94    | A       |
| 45    | B       | 95    | B       |
| 46    | B       | 96    | A       |
| 47    | C       | 97    | D       |
| 48    | C       | 98    | B       |
| 49    | A       | 99    | B       |
| 50    | A       | 100   | A       |

**Electronics - Ans Key - Sereis A**

| Q.NO | Ans key | Q.No | Ans Key |
|------|---------|------|---------|
| 1    | C       | 51   | B       |
| 2    | B       | 52   | C       |
| 3    | B       | 53   | D       |
| 4    | A       | 54   | B       |
| 5    | B       | 55   | B       |
| 6    | C       | 56   | C       |
| 7    | C       | 57   | B       |
| 8    | B       | 58   | C       |
| 9    | D       | 59   | B       |
| 10   | B       | 60   | C       |
| 11   | B       | 61   | C       |
| 12   | B       | 62   | B       |
| 13   | D       | 63   | B       |
| 14   | B       | 64   | D       |
| 15   | D       | 65   | A       |
| 16   | B       | 66   | C       |
| 17   | D       | 67   | B       |
| 18   | A       | 68   | D       |
| 19   | C       | 69   | C       |
| 20   | D       | 70   | D       |
| 21   | D       | 71   | C       |
| 22   | D       | 72   | C       |
| 23   | B       | 73   | D       |
| 24   | B       | 74   | B       |
| 25   | B       | 75   | C       |
| 26   | B       | 76   | C       |
| 27   | B       | 77   | A       |
| 28   | B       | 78   | B       |
| 29   | A       | 79   | C       |
| 30   | D       | 80   | A       |
| 31   | C       | 81   | C       |
| 32   | D       | 82   | B       |
| 33   | A       | 83   | A       |
| 34   | B       | 84   | B       |
| 35   | A       | 85   | D       |
| 36   | B       | 86   | D       |
| 37   | D       | 87   | C       |
| 38   | C       | 88   | D       |
| 39   | B       | 89   | C       |
| 40   | C       | 90   | C       |
| 41   | B       | 91   | B       |
| 42   | A       | 92   | C       |
| 43   | C       | 93   | D       |
| 44   | C       | 94   | D       |
| 45   | B       | 95   | C       |
| 46   | B       | 96   | A       |
| 47   | B       | 97   | C       |
| 48   | C       | 98   | B       |
| 49   | C       | 99   | D       |
| 50   | B       | 100  | B       |

**Electronics - Ans Key - Sereis B**

| Q.NO | Ans key | Q.No | Ans Key |
|------|---------|------|---------|
| 1    | B       | 51   | C       |
| 2    | C       | 52   | B       |
| 3    | C       | 53   | A       |
| 4    | B       | 54   | B       |
| 5    | D       | 55   | B       |
| 6    | B       | 56   | B       |
| 7    | B       | 57   | C       |
| 8    | A       | 58   | A       |
| 9    | B       | 59   | A       |
| 10   | B       | 60   | D       |
| 11   | C       | 61   | C       |
| 12   | C       | 62   | C       |
| 13   | B       | 63   | B       |
| 14   | C       | 64   | D       |
| 15   | C       | 65   | A       |
| 16   | B       | 66   | A       |
| 17   | B       | 67   | B       |
| 18   | D       | 68   | B       |
| 19   | C       | 69   | D       |
| 20   | B       | 70   | A       |
| 21   | C       | 71   | D       |
| 22   | B       | 72   | B       |
| 23   | B       | 73   | C       |
| 24   | B       | 74   | D       |
| 25   | B       | 75   | D       |
| 26   | D       | 76   | C       |
| 27   | D       | 77   | C       |
| 28   | B       | 78   | B       |
| 29   | A       | 79   | C       |
| 30   | D       | 80   | C       |
| 31   | C       | 81   | B       |
| 32   | B       | 82   | B       |
| 33   | B       | 83   | C       |
| 34   | D       | 84   | A       |
| 35   | D       | 85   | D       |
| 36   | A       | 86   | C       |
| 37   | C       | 87   | D       |
| 38   | C       | 88   | C       |
| 39   | D       | 89   | C       |
| 40   | D       | 90   | B       |
| 41   | C       | 91   | A       |
| 42   | D       | 92   | B       |
| 43   | C       | 93   | C       |
| 44   | D       | 94   | B       |
| 45   | D       | 95   | B       |
| 46   | B       | 96   | C       |
| 47   | B       | 97   | D       |
| 48   | B       | 98   | C       |
| 49   | C       | 99   | B       |
| 50   | B       | 100  | B       |

**Electronics - Ans Key - Sereis C**

| Q.NO | Ans key | Q.No | Ans Key |
|------|---------|------|---------|
| 1    | B       | 51   | C       |
| 2    | B       | 52   | B       |
| 3    | D       | 53   | B       |
| 4    | C       | 54   | B       |
| 5    | B       | 55   | D       |
| 6    | C       | 56   | B       |
| 7    | C       | 57   | C       |
| 8    | B       | 58   | D       |
| 9    | A       | 59   | C       |
| 10   | B       | 60   | D       |
| 11   | C       | 61   | D       |
| 12   | B       | 62   | D       |
| 13   | D       | 63   | C       |
| 14   | C       | 64   | C       |
| 15   | D       | 65   | D       |
| 16   | C       | 66   | A       |
| 17   | C       | 67   | C       |
| 18   | A       | 68   | D       |
| 19   | B       | 69   | B       |
| 20   | B       | 70   | B       |
| 21   | C       | 71   | A       |
| 22   | C       | 72   | D       |
| 23   | C       | 73   | D       |
| 24   | B       | 74   | B       |
| 25   | D       | 75   | B       |
| 26   | C       | 76   | D       |
| 27   | C       | 77   | B       |
| 28   | D       | 78   | B       |
| 29   | D       | 79   | C       |
| 30   | B       | 80   | B       |
| 31   | D       | 81   | C       |
| 32   | A       | 82   | B       |
| 33   | B       | 83   | B       |
| 34   | A       | 84   | D       |
| 35   | A       | 85   | C       |
| 36   | B       | 86   | B       |
| 37   | B       | 87   | B       |
| 38   | D       | 88   | C       |
| 39   | C       | 89   | C       |
| 40   | C       | 90   | C       |
| 41   | A       | 91   | B       |
| 42   | D       | 92   | B       |
| 43   | C       | 93   | B       |
| 44   | A       | 94   | A       |
| 45   | B       | 95   | D       |
| 46   | B       | 96   | B       |
| 47   | A       | 97   | C       |
| 48   | B       | 98   | B       |
| 49   | C       | 99   | B       |
| 50   | B       | 100  | C       |

**Electronics - Ans Key - Sereis D**

| Q.NO | Ans key | Q.No | Ans Key |
|------|---------|------|---------|
| 1    | B       | 51   | D       |
| 2    | B       | 52   | B       |
| 3    | C       | 53   | B       |
| 4    | D       | 54   | A       |
| 5    | A       | 55   | D       |
| 6    | B       | 56   | C       |
| 7    | C       | 57   | C       |
| 8    | B       | 58   | D       |
| 9    | B       | 59   | D       |
| 10   | D       | 60   | D       |
| 11   | D       | 61   | C       |
| 12   | A       | 62   | B       |
| 13   | C       | 63   | D       |
| 14   | C       | 64   | D       |
| 15   | B       | 65   | B       |
| 16   | C       | 66   | D       |
| 17   | B       | 67   | C       |
| 18   | C       | 68   | C       |
| 19   | D       | 69   | B       |
| 20   | C       | 70   | C       |
| 21   | C       | 71   | B       |
| 22   | B       | 72   | B       |
| 23   | B       | 73   | B       |
| 24   | B       | 74   | C       |
| 25   | C       | 75   | B       |
| 26   | A       | 76   | C       |
| 27   | D       | 77   | B       |
| 28   | C       | 78   | B       |
| 29   | C       | 79   | D       |
| 30   | B       | 80   | C       |
| 31   | A       | 81   | B       |
| 32   | C       | 82   | D       |
| 33   | B       | 83   | C       |
| 34   | B       | 84   | B       |
| 35   | B       | 85   | C       |
| 36   | B       | 86   | B       |
| 37   | C       | 87   | A       |
| 38   | B       | 88   | A       |
| 39   | D       | 89   | B       |
| 40   | A       | 90   | D       |
| 41   | B       | 91   | C       |
| 42   | B       | 92   | D       |
| 43   | C       | 93   | C       |
| 44   | C       | 94   | B       |
| 45   | D       | 95   | A       |
| 46   | B       | 96   | D       |
| 47   | B       | 97   | B       |
| 48   | B       | 98   | C       |
| 49   | A       | 99   | A       |
| 50   | C       | 100  | D       |

**Instrumentation - Ans Key - Sereis A**

| Q.NO | Ans key | Q.No | Ans Key |
|------|---------|------|---------|
| 1    | C       | 51   | D       |
| 2    | D       | 52   | C       |
| 3    | B       | 53   | A       |
| 4    | B       | 54   | D       |
| 5    | B       | 55   | C       |
| 6    | B       | 56   | C       |
| 7    | C       | 57   | C       |
| 8    | A       | 58   | C       |
| 9    | A       | 59   | D       |
| 10   | A       | 60   | C       |
| 11   | A       | 61   | C       |
| 12   | B       | 62   | D       |
| 13   | D       | 63   | D       |
| 14   | B       | 64   | B       |
| 15   | D       | 65   | A       |
| 16   | A       | 66   | C       |
| 17   | C       | 67   | B       |
| 18   | D       | 68   | B       |
| 19   | C       | 69   | A       |
| 20   | A       | 70   | B       |
| 21   | A       | 71   | D       |
| 22   | B       | 72   | C       |
| 23   | A       | 73   | B       |
| 24   | A       | 74   | C       |
| 25   | B       | 75   | A       |
| 26   | A       | 76   | D       |
| 27   | A       | 77   | D       |
| 28   | A       | 78   | C       |
| 29   | A       | 79   | C       |
| 30   | A       | 80   | D       |
| 31   | A       | 81   | A       |
| 32   | D       | 82   | B       |
| 33   | C       | 83   | D       |
| 34   | C       | 84   | C       |
| 35   | D       | 85   | D       |
| 36   | C       | 86   | D       |
| 37   | A       | 87   | A       |
| 38   | C       | 88   | B       |
| 39   | D       | 89   | A       |
| 40   | B       | 90   | C       |
| 41   | C       | 91   | A       |
| 42   | B       | 92   | B       |
| 43   | D       | 93   | D       |
| 44   | A       | 94   | A       |
| 45   | C       | 95   | B       |
| 46   | B       | 96   | B       |
| 47   | B       | 97   | D       |
| 48   | B       | 98   | D       |
| 49   | D       | 99   | B       |
| 50   | B       | 100  | D       |

**Instrumentation - Ans Key - Sereis B**

| Q.NO | Ans key | Q.No | Ans Key |
|------|---------|------|---------|
| 1    | D       | 51   | D       |
| 2    | C       | 52   | A       |
| 3    | C       | 53   | D       |
| 4    | D       | 54   | A       |
| 5    | A       | 55   | C       |
| 6    | B       | 56   | A       |
| 7    | D       | 57   | C       |
| 8    | B       | 58   | A       |
| 9    | C       | 59   | D       |
| 10   | B       | 60   | A       |
| 11   | C       | 61   | A       |
| 12   | B       | 62   | A       |
| 13   | C       | 63   | B       |
| 14   | C       | 64   | D       |
| 15   | C       | 65   | D       |
| 16   | A       | 66   | C       |
| 17   | D       | 67   | C       |
| 18   | A       | 68   | C       |
| 19   | C       | 69   | D       |
| 20   | A       | 70   | D       |
| 21   | C       | 71   | D       |
| 22   | A       | 72   | C       |
| 23   | D       | 73   | A       |
| 24   | B       | 74   | A       |
| 25   | D       | 75   | B       |
| 26   | D       | 76   | C       |
| 27   | B       | 77   | A       |
| 28   | B       | 78   | D       |
| 29   | A       | 79   | C       |
| 30   | D       | 80   | B       |
| 31   | C       | 81   | A       |
| 32   | A       | 82   | C       |
| 33   | B       | 83   | B       |
| 34   | C       | 84   | B       |
| 35   | B       | 85   | D       |
| 36   | D       | 86   | D       |
| 37   | A       | 87   | A       |
| 38   | C       | 88   | A       |
| 39   | B       | 89   | B       |
| 40   | A       | 90   | C       |
| 41   | D       | 91   | B       |
| 42   | A       | 92   | B       |
| 43   | C       | 93   | D       |
| 44   | B       | 94   | B       |
| 45   | B       | 95   | D       |
| 46   | A       | 96   | B       |
| 47   | C       | 97   | B       |
| 48   | A       | 98   | D       |
| 49   | A       | 99   | D       |
| 50   | B       | 100  | B       |

**Instrumentation - Ans Key - Sereis C**

| Q.NO | Ans key | Q.No | Ans Key |
|------|---------|------|---------|
| 1    | D       | 51   | A       |
| 2    | B       | 52   | B       |
| 3    | B       | 53   | C       |
| 4    | D       | 54   | A       |
| 5    | D       | 55   | B       |
| 6    | B       | 56   | A       |
| 7    | D       | 57   | C       |
| 8    | B       | 58   | B       |
| 9    | B       | 59   | D       |
| 10   | B       | 60   | A       |
| 11   | B       | 61   | B       |
| 12   | C       | 62   | A       |
| 13   | A       | 63   | A       |
| 14   | A       | 64   | C       |
| 15   | D       | 65   | B       |
| 16   | D       | 66   | D       |
| 17   | B       | 67   | C       |
| 18   | B       | 68   | C       |
| 19   | A       | 69   | B       |
| 20   | C       | 70   | A       |
| 21   | C       | 71   | A       |
| 22   | B       | 72   | D       |
| 23   | A       | 73   | B       |
| 24   | D       | 74   | B       |
| 25   | B       | 75   | D       |
| 26   | C       | 76   | D       |
| 27   | A       | 77   | D       |
| 28   | A       | 78   | B       |
| 29   | D       | 79   | C       |
| 30   | C       | 80   | A       |
| 31   | D       | 81   | C       |
| 32   | D       | 82   | A       |
| 33   | C       | 83   | D       |
| 34   | C       | 84   | A       |
| 35   | D       | 85   | C       |
| 36   | C       | 86   | A       |
| 37   | B       | 87   | C       |
| 38   | D       | 88   | C       |
| 39   | A       | 89   | C       |
| 40   | A       | 90   | B       |
| 41   | D       | 91   | C       |
| 42   | A       | 92   | B       |
| 43   | C       | 93   | D       |
| 44   | A       | 94   | B       |
| 45   | C       | 95   | A       |
| 46   | A       | 96   | B       |
| 47   | D       | 97   | C       |
| 48   | A       | 98   | D       |
| 49   | D       | 99   | D       |
| 50   | A       | 100  | C       |

**Instrumentation - Ans Key - Sereis D**

| Q.NO | Ans key | Q.No | Ans Key |
|------|---------|------|---------|
| 1    | B       | 51   | C       |
| 2    | C       | 52   | C       |
| 3    | C       | 53   | D       |
| 4    | B       | 54   | D       |
| 5    | D       | 55   | D       |
| 6    | D       | 56   | C       |
| 7    | A       | 57   | C       |
| 8    | C       | 58   | D       |
| 9    | B       | 59   | A       |
| 10   | B       | 60   | A       |
| 11   | A       | 61   | A       |
| 12   | B       | 62   | D       |
| 13   | D       | 63   | A       |
| 14   | C       | 64   | B       |
| 15   | B       | 65   | C       |
| 16   | C       | 66   | B       |
| 17   | D       | 67   | A       |
| 18   | B       | 68   | C       |
| 19   | B       | 69   | A       |
| 20   | B       | 70   | C       |
| 21   | C       | 71   | C       |
| 22   | C       | 72   | A       |
| 23   | C       | 73   | A       |
| 24   | A       | 74   | C       |
| 25   | A       | 75   | B       |
| 26   | B       | 76   | B       |
| 27   | A       | 77   | D       |
| 28   | D       | 78   | A       |
| 29   | D       | 79   | D       |
| 30   | A       | 80   | C       |
| 31   | D       | 81   | A       |
| 32   | A       | 82   | A       |
| 33   | A       | 83   | C       |
| 34   | C       | 84   | A       |
| 35   | C       | 85   | B       |
| 36   | B       | 86   | D       |
| 37   | C       | 87   | A       |
| 38   | B       | 88   | B       |
| 39   | D       | 89   | D       |
| 40   | D       | 90   | A       |
| 41   | B       | 91   | D       |
| 42   | B       | 92   | B       |
| 43   | A       | 93   | A       |
| 44   | B       | 94   | D       |
| 45   | D       | 95   | A       |
| 46   | B       | 96   | D       |
| 47   | B       | 97   | D       |
| 48   | A       | 98   | C       |
| 49   | D       | 99   | C       |
| 50   | D       | 100  | B       |

**Mechanical - Ans Key - Sereis A**

| Q.NO | Ans key | Q.No | Ans Key |
|------|---------|------|---------|
| 1    | D       | 51   | D       |
| 2    | A       | 52   | C       |
| 3    | C       | 53   | B       |
| 4    | C       | 54   | C       |
| 5    | D       | 55   | C       |
| 6    | C       | 56   | C       |
| 7    | B       | 57   | C       |
| 8    | A       | 58   | A       |
| 9    | C       | 59   | B       |
| 10   | C       | 60   | B       |
| 11   | D       | 61   | C       |
| 12   | C       | 62   | C       |
| 13   | B       | 63   | A       |
| 14   | C       | 64   | B       |
| 15   | A       | 65   | B       |
| 16   | D       | 66   | A       |
| 17   | D       | 67   | D       |
| 18   | B       | 68   | B       |
| 19   | D       | 69   | D       |
| 20   | B       | 70   | C       |
| 21   | B       | 71   | B       |
| 22   | B       | 72   | D       |
| 23   | A       | 73   | D       |
| 24   | D       | 74   | A       |
| 25   | D       | 75   | B       |
| 26   | B       | 76   | A       |
| 27   | D       | 77   | C       |
| 28   | B       | 78   | A       |
| 29   | A       | 79   | C       |
| 30   | B       | 80   | C       |
| 31   | D       | 81   | B       |
| 32   | B       | 82   | C       |
| 33   | A       | 83   | A       |
| 34   | A       | 84   | C       |
| 35   | B       | 85   | C       |
| 36   | D       | 86   | D       |
| 37   | C       | 87   | B       |
| 38   | B       | 88   | B       |
| 39   | C       | 89   | C       |
| 40   | A       | 90   | D       |
| 41   | C       | 91   | A       |
| 42   | C       | 92   | B       |
| 43   | B       | 93   | D       |
| 44   | D       | 94   | C       |
| 45   | A       | 95   | B       |
| 46   | A       | 96   | A       |
| 47   | B       | 97   | D       |
| 48   | C       | 98   | B       |
| 49   | A       | 99   | C       |
| 50   | B       | 100  | B       |

**Mechanical - Ans Key - Sereis B**

| Q.NO | Ans key | Q.No | Ans Key |
|------|---------|------|---------|
| 1    | D       | 51   | A       |
| 2    | D       | 52   | B       |
| 3    | C       | 53   | C       |
| 4    | A       | 54   | D       |
| 5    | B       | 55   | A       |
| 6    | C       | 56   | B       |
| 7    | C       | 57   | C       |
| 8    | C       | 58   | A       |
| 9    | C       | 59   | C       |
| 10   | D       | 60   | B       |
| 11   | C       | 61   | B       |
| 12   | C       | 62   | D       |
| 13   | C       | 63   | C       |
| 14   | B       | 64   | B       |
| 15   | A       | 65   | A       |
| 16   | A       | 66   | A       |
| 17   | B       | 67   | C       |
| 18   | C       | 68   | A       |
| 19   | B       | 69   | C       |
| 20   | C       | 70   | B       |
| 21   | C       | 71   | D       |
| 22   | D       | 72   | D       |
| 23   | C       | 73   | B       |
| 24   | C       | 74   | C       |
| 25   | A       | 75   | B       |
| 26   | B       | 76   | B       |
| 27   | B       | 77   | C       |
| 28   | C       | 78   | C       |
| 29   | B       | 79   | D       |
| 30   | A       | 80   | A       |
| 31   | A       | 81   | A       |
| 32   | D       | 82   | C       |
| 33   | D       | 83   | B       |
| 34   | D       | 84   | C       |
| 35   | B       | 85   | D       |
| 36   | B       | 86   | B       |
| 37   | D       | 87   | C       |
| 38   | D       | 88   | D       |
| 39   | C       | 89   | B       |
| 40   | B       | 90   | A       |
| 41   | B       | 91   | A       |
| 42   | B       | 92   | A       |
| 43   | D       | 93   | D       |
| 44   | B       | 94   | B       |
| 45   | D       | 95   | B       |
| 46   | A       | 96   | C       |
| 47   | A       | 97   | C       |
| 48   | D       | 98   | A       |
| 49   | B       | 99   | B       |
| 50   | D       | 100  | B       |

**Mechanical - Ans Key - Sereis C**

| Q.NO | Ans key | Q.No | Ans Key |
|------|---------|------|---------|
| 1    | B       | 51   | B       |
| 2    | B       | 52   | D       |
| 3    | C       | 53   | A       |
| 4    | A       | 54   | D       |
| 5    | B       | 55   | D       |
| 6    | C       | 56   | A       |
| 7    | D       | 57   | D       |
| 8    | B       | 58   | B       |
| 9    | A       | 59   | B       |
| 10   | A       | 60   | B       |
| 11   | B       | 61   | C       |
| 12   | A       | 62   | B       |
| 13   | C       | 63   | D       |
| 14   | D       | 64   | D       |
| 15   | D       | 65   | B       |
| 16   | B       | 66   | B       |
| 17   | B       | 67   | A       |
| 18   | C       | 68   | D       |
| 19   | A       | 69   | D       |
| 20   | C       | 70   | D       |
| 21   | D       | 71   | B       |
| 22   | A       | 72   | A       |
| 23   | C       | 73   | B       |
| 24   | C       | 74   | C       |
| 25   | B       | 75   | A       |
| 26   | B       | 76   | B       |
| 27   | B       | 77   | C       |
| 28   | C       | 78   | C       |
| 29   | D       | 79   | C       |
| 30   | D       | 80   | D       |
| 31   | C       | 81   | B       |
| 32   | B       | 82   | C       |
| 33   | C       | 83   | B       |
| 34   | A       | 84   | C       |
| 35   | A       | 85   | A       |
| 36   | A       | 86   | A       |
| 37   | C       | 87   | C       |
| 38   | B       | 88   | B       |
| 39   | B       | 89   | C       |
| 40   | D       | 90   | C       |
| 41   | C       | 91   | C       |
| 42   | B       | 92   | D       |
| 43   | C       | 93   | C       |
| 44   | A       | 94   | C       |
| 45   | A       | 95   | B       |
| 46   | B       | 96   | C       |
| 47   | C       | 97   | C       |
| 48   | D       | 98   | A       |
| 49   | A       | 99   | D       |
| 50   | B       | 100  | D       |

**Mechanical - Ans Key - Sereis D**

| Q.NO | Ans key | Q.No | Ans Key |
|------|---------|------|---------|
| 1    | D       | 51   | D       |
| 2    | A       | 52   | C       |
| 3    | D       | 53   | D       |
| 4    | B       | 54   | B       |
| 5    | B       | 55   | C       |
| 6    | A       | 56   | C       |
| 7    | D       | 57   | D       |
| 8    | D       | 58   | D       |
| 9    | C       | 59   | B       |
| 10   | C       | 60   | B       |
| 11   | C       | 61   | B       |
| 12   | C       | 62   | C       |
| 13   | B       | 63   | B       |
| 14   | B       | 64   | B       |
| 15   | D       | 65   | C       |
| 16   | D       | 66   | B       |
| 17   | C       | 67   | C       |
| 18   | C       | 68   | C       |
| 19   | D       | 69   | A       |
| 20   | A       | 70   | D       |
| 21   | B       | 71   | C       |
| 22   | A       | 72   | D       |
| 23   | C       | 73   | A       |
| 24   | A       | 74   | A       |
| 25   | B       | 75   | D       |
| 26   | C       | 76   | B       |
| 27   | C       | 77   | B       |
| 28   | A       | 78   | B       |
| 29   | B       | 79   | D       |
| 30   | C       | 80   | B       |
| 31   | C       | 81   | D       |
| 32   | D       | 82   | C       |
| 33   | D       | 83   | C       |
| 34   | A       | 84   | B       |
| 35   | A       | 85   | B       |
| 36   | C       | 86   | C       |
| 37   | C       | 87   | A       |
| 38   | A       | 88   | A       |
| 39   | B       | 89   | A       |
| 40   | C       | 90   | B       |
| 41   | B       | 91   | D       |
| 42   | C       | 92   | B       |
| 43   | B       | 93   | D       |
| 44   | C       | 94   | B       |
| 45   | A       | 95   | B       |
| 46   | C       | 96   | B       |
| 47   | B       | 97   | B       |
| 48   | D       | 98   | A       |
| 49   | A       | 99   | A       |
| 50   | A       | 100  | C       |

**Metallurgy - Ans Key - Sereis A**

| Q.NO | Ans key | Q.No | Ans Key |
|------|---------|------|---------|
| 1    | D       | 51   | C       |
| 2    | D       | 52   | B       |
| 3    | D       | 53   | D       |
| 4    | B       | 54   | C       |
| 5    | C       | 55   | D       |
| 6    | C       | 56   | C       |
| 7    | C       | 57   | D       |
| 8    | B       | 58   | D       |
| 9    | D       | 59   | B       |
| 10   | C       | 60   | C       |
| 11   | C       | 61   | B       |
| 12   | A       | 62   | A       |
| 13   | D       | 63   | C       |
| 14   | B       | 64   | D       |
| 15   | C       | 65   | D       |
| 16   | A       | 66   | C       |
| 17   | A       | 67   | A       |
| 18   | C       | 68   | B       |
| 19   | D       | 69   | C       |
| 20   | D       | 70   | B       |
| 21   | B       | 71   | D       |
| 22   | B       | 72   | C       |
| 23   | C       | 73   | B       |
| 24   | A       | 74   | A       |
| 25   | A       | 75   | B       |
| 26   | B       | 76   | D       |
| 27   | A       | 77   | B       |
| 28   | D       | 78   | C       |
| 29   | C       | 79   | C       |
| 30   | B       | 80   | D       |
| 31   | B       | 81   | B       |
| 32   | C       | 82   | C       |
| 33   | B       | 83   | A       |
| 34   | B       | 84   | A       |
| 35   | A       | 85   | D       |
| 36   | D       | 86   | B       |
| 37   | A       | 87   | C       |
| 38   | B       | 88   | A       |
| 39   | B       | 89   | A       |
| 40   | A       | 90   | B       |
| 41   | A       | 91   | A       |
| 42   | D       | 92   | A       |
| 43   | A       | 93   | B       |
| 44   | A       | 94   | A       |
| 45   | B       | 95   | B       |
| 46   | C       | 96   | A       |
| 47   | B       | 97   | D       |
| 48   | B       | 98   | C       |
| 49   | D       | 99   | B       |
| 50   | C       | 100  | D       |

**Metallurgy - Ans Key - Sereis B**

| Q.NO | Ans key | Q.No | Ans Key |
|------|---------|------|---------|
| 1    | C       | 51   | D       |
| 2    | D       | 52   | B       |
| 3    | B       | 53   | B       |
| 4    | D       | 54   | A       |
| 5    | D       | 55   | C       |
| 6    | D       | 56   | D       |
| 7    | C       | 57   | C       |
| 8    | B       | 58   | C       |
| 9    | D       | 59   | D       |
| 10   | C       | 60   | B       |
| 11   | C       | 61   | B       |
| 12   | C       | 62   | B       |
| 13   | D       | 63   | C       |
| 14   | C       | 64   | C       |
| 15   | D       | 65   | A       |
| 16   | B       | 66   | B       |
| 17   | B       | 67   | A       |
| 18   | D       | 68   | B       |
| 19   | C       | 69   | D       |
| 20   | C       | 70   | A       |
| 21   | B       | 71   | B       |
| 22   | C       | 72   | D       |
| 23   | A       | 73   | C       |
| 24   | A       | 74   | A       |
| 25   | C       | 75   | A       |
| 26   | D       | 76   | B       |
| 27   | D       | 77   | A       |
| 28   | B       | 78   | B       |
| 29   | D       | 79   | B       |
| 30   | C       | 80   | A       |
| 31   | C       | 81   | A       |
| 32   | A       | 82   | A       |
| 33   | A       | 83   | A       |
| 34   | A       | 84   | D       |
| 35   | B       | 85   | B       |
| 36   | C       | 86   | A       |
| 37   | C       | 87   | A       |
| 38   | D       | 88   | A       |
| 39   | B       | 89   | B       |
| 40   | D       | 90   | B       |
| 41   | D       | 91   | A       |
| 42   | B       | 92   | C       |
| 43   | C       | 93   | D       |
| 44   | B       | 94   | B       |
| 45   | B       | 95   | C       |
| 46   | C       | 96   | B       |
| 47   | A       | 97   | B       |
| 48   | A       | 98   | D       |
| 49   | B       | 99   | D       |
| 50   | A       | 100  | C       |

**Metallurgy - Ans Key - Sereis C**

| Q.NO | Ans key | Q.No | Ans Key |
|------|---------|------|---------|
| 1    | D       | 51   | B       |
| 2    | C       | 52   | A       |
| 3    | B       | 53   | A       |
| 4    | D       | 54   | A       |
| 5    | C       | 55   | B       |
| 6    | B       | 56   | C       |
| 7    | D       | 57   | C       |
| 8    | B       | 58   | B       |
| 9    | A       | 59   | D       |
| 10   | C       | 60   | B       |
| 11   | B       | 61   | B       |
| 12   | B       | 62   | D       |
| 13   | A       | 63   | C       |
| 14   | A       | 64   | D       |
| 15   | B       | 65   | B       |
| 16   | A       | 66   | C       |
| 17   | A       | 67   | C       |
| 18   | D       | 68   | A       |
| 19   | A       | 69   | A       |
| 20   | A       | 70   | A       |
| 21   | B       | 71   | D       |
| 22   | A       | 72   | C       |
| 23   | A       | 73   | D       |
| 24   | B       | 74   | B       |
| 25   | A       | 75   | C       |
| 26   | B       | 76   | D       |
| 27   | C       | 77   | A       |
| 28   | A       | 78   | A       |
| 29   | B       | 79   | B       |
| 30   | D       | 80   | C       |
| 31   | D       | 81   | C       |
| 32   | A       | 82   | C       |
| 33   | A       | 83   | B       |
| 34   | B       | 84   | D       |
| 35   | A       | 85   | D       |
| 36   | B       | 86   | B       |
| 37   | C       | 87   | D       |
| 38   | C       | 88   | C       |
| 39   | B       | 89   | C       |
| 40   | B       | 90   | C       |
| 41   | D       | 91   | D       |
| 42   | B       | 92   | C       |
| 43   | C       | 93   | C       |
| 44   | C       | 94   | B       |
| 45   | C       | 95   | D       |
| 46   | D       | 96   | D       |
| 47   | B       | 97   | B       |
| 48   | A       | 98   | D       |
| 49   | D       | 99   | C       |
| 50   | B       | 100  | D       |

**Metallurgy - Ans Key - Sereis D**

| Q.NO | Ans key | Q.No | Ans Key |
|------|---------|------|---------|
| 1    | A       | 51   | A       |
| 2    | B       | 52   | A       |
| 3    | D       | 53   | C       |
| 4    | B       | 54   | C       |
| 5    | A       | 55   | D       |
| 6    | D       | 56   | B       |
| 7    | C       | 57   | D       |
| 8    | D       | 58   | B       |
| 9    | D       | 59   | D       |
| 10   | B       | 60   | D       |
| 11   | A       | 61   | C       |
| 12   | B       | 62   | C       |
| 13   | D       | 63   | B       |
| 14   | B       | 64   | A       |
| 15   | C       | 65   | D       |
| 16   | C       | 66   | B       |
| 17   | B       | 67   | A       |
| 18   | C       | 68   | C       |
| 19   | B       | 69   | C       |
| 20   | A       | 70   | B       |
| 21   | C       | 71   | D       |
| 22   | A       | 72   | A       |
| 23   | A       | 73   | A       |
| 24   | B       | 74   | D       |
| 25   | B       | 75   | A       |
| 26   | D       | 76   | A       |
| 27   | D       | 77   | B       |
| 28   | D       | 78   | B       |
| 29   | A       | 79   | B       |
| 30   | C       | 80   | C       |
| 31   | B       | 81   | A       |
| 32   | A       | 82   | A       |
| 33   | C       | 83   | B       |
| 34   | C       | 84   | D       |
| 35   | B       | 85   | B       |
| 36   | A       | 86   | A       |
| 37   | C       | 87   | C       |
| 38   | C       | 88   | A       |
| 39   | D       | 89   | C       |
| 40   | D       | 90   | B       |
| 41   | B       | 91   | D       |
| 42   | B       | 92   | D       |
| 43   | B       | 93   | B       |
| 44   | B       | 94   | C       |
| 45   | C       | 95   | D       |
| 46   | C       | 96   | C       |
| 47   | C       | 97   | D       |
| 48   | A       | 98   | C       |
| 49   | A       | 99   | B       |
| 50   | D       | 100  | B       |

Electrical - Ans Key - Series A

| Q No. | Ans key | Q No. | Ans key |
|-------|---------|-------|---------|
| 1     | A       | 51    | A       |
| 2     | A       | 52    | B       |
| 3     | D       | 53    | A       |
| 4     | B       | 54    | B       |
| 5     | A       | 55    | A       |
| 6     | A       | 56    | A       |
| 7     | A       | 57    | B       |
| 8     | A       | 58    | B       |
| 9     | A       | 59    | A       |
| 10    | C       | 60    | C       |
| 11    | A       | 61    | A       |
| 12    | D       | 62    | A       |
| 13    | C       | 63    | D       |
| 14    | C       | 64    | B       |
| 15    | A       | 65    | A       |
| 16    | A       | 66    | C       |
| 17    | A       | 67    | C       |
| 18    | A       | 68    | A       |
| 19    | A       | 69    | C       |
| 20    | A       | 70    | C       |
| 21    | A       | 71    | A       |
| 22    | A       | 72    | A       |
| 23    | A       | 73    | A       |
| 24    | A       | 74    | B       |
| 25    | C       | 75    | B       |
| 26    | C       | 76    | D       |
| 27    | B       | 77    | A       |
| 28    | A       | 78    | A       |
| 29    | B       | 79    | A       |
| 30    | C       | 80    | A       |
| 31    | A       | 81    | B       |
| 32    | A       | 82    | D       |
| 33    | A       | 83    | D       |
| 34    | A       | 84    | C       |
| 35    | C       | 85    | A       |
| 36    | A       | 86    | A       |
| 37    | A       | 87    | C       |
| 38    | A       | 88    | A       |
| 39    | A       | 89    | B       |
| 40    | D       | 90    | C       |
| 41    | D       | 91    | A       |
| 42    | A       | 92    | B       |
| 43    | A       | 93    | A       |
| 44    | A       | 94    | B       |
| 45    | C       | 95    | A       |
| 46    | A       | 96    | C       |
| 47    | A       | 97    | B       |
| 48    | D       | 98    | B       |
| 49    | A       | 99    | A       |
| 50    | A       | 100   | A       |

Electrical - Ans Key - Series B

| Q No. | Ans key | Q No. | Ans key |
|-------|---------|-------|---------|
| 1     | A       | 51    | D       |
| 2     | A       | 52    | C       |
| 3     | B       | 53    | A       |
| 4     | A       | 54    | B       |
| 5     | A       | 55    | A       |
| 6     | D       | 56    | A       |
| 7     | B       | 57    | A       |
| 8     | B       | 58    | B       |
| 9     | A       | 59    | A       |
| 10    | A       | 60    | C       |
| 11    | A       | 61    | B       |
| 12    | A       | 62    | A       |
| 13    | B       | 63    | D       |
| 14    | A       | 64    | A       |
| 15    | B       | 65    | D       |
| 16    | A       | 66    | A       |
| 17    | A       | 67    | C       |
| 18    | A       | 68    | A       |
| 19    | C       | 69    | A       |
| 20    | C       | 70    | C       |
| 21    | A       | 71    | A       |
| 22    | A       | 72    | A       |
| 23    | A       | 73    | C       |
| 24    | D       | 74    | A       |
| 25    | D       | 75    | A       |
| 26    | C       | 76    | A       |
| 27    | B       | 77    | B       |
| 28    | C       | 78    | A       |
| 29    | A       | 79    | C       |
| 30    | A       | 80    | D       |
| 31    | C       | 81    | A       |
| 32    | A       | 82    | D       |
| 33    | C       | 83    | B       |
| 34    | A       | 84    | A       |
| 35    | A       | 85    | A       |
| 36    | A       | 86    | A       |
| 37    | C       | 87    | B       |
| 38    | A       | 88    | A       |
| 39    | C       | 89    | A       |
| 40    | A       | 90    | C       |
| 41    | A       | 91    | C       |
| 42    | A       | 92    | A       |
| 43    | A       | 93    | B       |
| 44    | A       | 94    | A       |
| 45    | A       | 95    | B       |
| 46    | A       | 96    | D       |
| 47    | B       | 97    | A       |
| 48    | A       | 98    | A       |
| 49    | B       | 99    | A       |
| 50    | C       | 100   | A       |

Electrical - Ans Key - Series C

| Q No. | Ans key | Q No. | Ans key |
|-------|---------|-------|---------|
| 1     | A       | 51    | B       |
| 2     | A       | 52    | C       |
| 3     | A       | 53    | B       |
| 4     | A       | 54    | A       |
| 5     | B       | 55    | A       |
| 6     | D       | 56    | A       |
| 7     | B       | 57    | A       |
| 8     | A       | 58    | A       |
| 9     | C       | 59    | A       |
| 10    | A       | 60    | A       |
| 11    | A       | 61    | C       |
| 12    | C       | 62    | A       |
| 13    | B       | 63    | C       |
| 14    | A       | 64    | A       |
| 15    | A       | 65    | A       |
| 16    | A       | 66    | A       |
| 17    | B       | 67    | C       |
| 18    | A       | 68    | A       |
| 19    | A       | 69    | C       |
| 20    | D       | 70    | A       |
| 21    | C       | 71    | A       |
| 22    | D       | 72    | A       |
| 23    | B       | 73    | B       |
| 24    | A       | 74    | C       |
| 25    | A       | 75    | D       |
| 26    | A       | 76    | C       |
| 27    | C       | 77    | A       |
| 28    | A       | 78    | D       |
| 29    | A       | 79    | A       |
| 30    | A       | 80    | A       |
| 31    | A       | 81    | C       |
| 32    | C       | 82    | C       |
| 33    | C       | 83    | A       |
| 34    | A       | 84    | A       |
| 35    | D       | 85    | B       |
| 36    | A       | 86    | A       |
| 37    | D       | 87    | B       |
| 38    | A       | 88    | A       |
| 39    | B       | 89    | A       |
| 40    | A       | 90    | A       |
| 41    | A       | 91    | A       |
| 42    | C       | 92    | A       |
| 43    | A       | 93    | B       |
| 44    | B       | 94    | B       |
| 45    | A       | 95    | A       |
| 46    | A       | 96    | D       |
| 47    | A       | 97    | B       |
| 48    | B       | 98    | A       |
| 49    | D       | 99    | A       |
| 50    | C       | 100   | A       |

Electrical - Ans Key - Series D

| Q No. | Ans key | Q No. | Ans key |
|-------|---------|-------|---------|
| 1     | C       | 51    | A       |
| 2     | A       | 52    | C       |
| 3     | A       | 53    | A       |
| 4     | A       | 54    | A       |
| 5     | C       | 55    | A       |
| 6     | A       | 56    | B       |
| 7     | C       | 57    | A       |
| 8     | A       | 58    | A       |
| 9     | D       | 59    | A       |
| 10    | C       | 60    | A       |
| 11    | A       | 61    | C       |
| 12    | B       | 62    | B       |
| 13    | A       | 63    | A       |
| 14    | A       | 64    | A       |
| 15    | A       | 65    | A       |
| 16    | A       | 66    | A       |
| 17    | A       | 67    | B       |
| 18    | A       | 68    | A       |
| 19    | A       | 69    | A       |
| 20    | D       | 70    | C       |
| 21    | A       | 71    | B       |
| 22    | B       | 72    | A       |
| 23    | D       | 73    | A       |
| 24    | A       | 74    | B       |
| 25    | B       | 75    | C       |
| 26    | A       | 76    | B       |
| 27    | A       | 77    | A       |
| 28    | D       | 78    | C       |
| 29    | A       | 79    | A       |
| 30    | C       | 80    | C       |
| 31    | A       | 81    | B       |
| 32    | A       | 82    | B       |
| 33    | A       | 83    | A       |
| 34    | A       | 84    | A       |
| 35    | C       | 85    | A       |
| 36    | D       | 86    | A       |
| 37    | A       | 87    | B       |
| 38    | A       | 88    | C       |
| 39    | C       | 89    | D       |
| 40    | A       | 90    | C       |
| 41    | A       | 91    | B       |
| 42    | C       | 92    | B       |
| 43    | B       | 93    | A       |
| 44    | D       | 94    | B       |
| 45    | A       | 95    | A       |
| 46    | D       | 96    | A       |
| 47    | A       | 97    | A       |
| 48    | A       | 98    | C       |
| 49    | D       | 99    | A       |
| 50    | A       | 100   | A       |