

TAMIL NADU PUBLIC SERVICE COMMISSION

COMBINED ENGINEERING SERVICES EXAMINATION IN VARIOUS DEPARTMENTS / SERVICES,  
2012-2013, 2015-2016 AND 2016-2017

Subject Code: 280 (QB Code: CEAGE/18)  
Subject Name: AGRICULTURAL ENGINEERING

DOE: 24.02.2018 FN  
Marks: 300

VERSION KEY - A



| S.No. | Key | S.No. | Key | S.No. | Key | S.No. | Key | S.No. | Key |
|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|
| 1     | A   | 41    | C   | 81    | C   | 121   | B   | 161   | C   |
| 2     | B   | 42    | C   | 82    | C   | 122   | B   | 162   | C   |
| 3     | C   | 43    | D   | 83    | D   | 123   | B   | 163   | C   |
| 4     | D   | 44    | C   | 84    | B   | 124   | B   | 164   | D   |
| 5     | A   | 45    | B   | 85    | B   | 125   | C   | 165   | C   |
| 6     | C   | 46    | C   | 86    | A   | 126   | C   | 166   | D   |
| 7     | B   | 47    | A   | 87    | A   | 127   | D   | 167   | D   |
| 8     | C   | 48    | D   | 88    | A   | 128   | D   | 168   | D   |
| 9     | B   | 49    | C   | 89    | A   | 129   | A   | 169   | C   |
| 10    | B   | 50    | C   | 90    | A   | 130   | D   | 170   | C   |
| 11    | D   | 51    | D   | 91    | B   | 131   | C   | 171   | B   |
| 12    | B   | 52    | C   | 92    | C   | 132   | D   | 172   | D   |
| 13    | C   | 53    | D   | 93    | C   | 133   | B   | 173   | D   |
| 14    | A   | 54    | D   | 94    | C   | 134   | C   | 174   | B   |
| 15    | C   | 55    | D   | 95    | C   | 135   | B   | 175   | B   |
| 16    | D   | 56    | D   | 96    | A   | 136   | B   | 176   | D   |
| 17    | B   | 57    | C   | 97    | B   | 137   | D   | 177   | A   |
| 18    | A   | 58    | D   | 98    | B   | 138   | A   | 178   | B   |
| 19    | A   | 59    | C   | 99    | B   | 139   | D   | 179   | A   |
| 20    | D   | 60    | C   | 100   | A   | 140   | C   | 180   | B   |
| 21    | B   | 61    | A   | 101   | B   | 141   | A   | 181   | C   |
| 22    | B   | 62    | B   | 102   | C   | 142   | C   | 182   | A   |
| 23    | D   | 63    | C   | 103   | B   | 143   | C   | 183   | D   |
| 24    | C   | 64    | B   | 104   | A   | 144   | A   | 184   | A   |
| 25    | C   | 65    | D   | 105   | B   | 145   | A   | 185   | A   |
| 26    | C   | 66    | B   | 106   | D   | 146   | A   | 186   | B   |
| 27    | C   | 67    | C   | 107   | B   | 147   | C   | 187   | C   |
| 28    | A   | 68    | A   | 108   | C   | 148   | A   | 188   | A   |
| 29    | B   | 69    | D   | 109   | C   | 149   | A   | 189   | A   |
| 30    | C   | 70    | D   | 110   | A   | 150   | C   | 190   | B   |
| 31    | C   | 71    | C   | 111   | C   | 151   | C   | 191   | C   |
| 32    | A   | 72    | A   | 112   | C   | 152   | B   | 192   | A   |
| 33    | B   | 73    | A   | 113   | C   | 153   | C   | 193   | C   |
| 34    | D   | 74    | A   | 114   | B   | 154   | B   | 194   | A   |
| 35    | B   | 75    | C   | 115   | B   | 155   | A/B | 195   | C   |
| 36    | B   | 76    | C   | 116   | B   | 156   | D   | 196   | B   |
| 37    | B   | 77    | D   | 117   | B   | 157   | D   | 197   | C   |
| 38    | B   | 78    | B   | 118   | B   | 158   | C   | 198   | A   |
| 39    | A   | 79    | C   | 119   | A/B | 159   | A   | 199   | B   |
| 40    | A   | 80    | C   | 120   | D   | 160   | A   | 200   | B   |

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Subject Code: 280 (QB Code: CEAGE/18)

DOE: 24.02.2018 FN

Subject Name: AGRICULTURAL ENGINEERING

Marks: 300

VERSION KEY - B

| S.No. | Key | S.No. | Key | S.No. | Key | S.No. | Key | S.No. | Key |
|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|
| 1     | C   | 41    | A   | 81    | C   | 121   | A   | 161   | B   |
| 2     | B   | 42    | A   | 82    | C   | 122   | A   | 162   | B   |
| 3     | B   | 43    | B   | 83    | C   | 123   | C   | 163   | D   |
| 4     | D   | 44    | C   | 84    | C   | 124   | D   | 164   | C   |
| 5     | B   | 45    | C   | 85    | C   | 125   | C   | 165   | D   |
| 6     | D   | 46    | C   | 86    | B   | 126   | C   | 166   | B   |
| 7     | B   | 47    | A   | 87    | D   | 127   | D   | 167   | C   |
| 8     | B   | 48    | B   | 88    | D   | 128   | C   | 168   | C   |
| 9     | D   | 49    | C   | 89    | A   | 129   | C   | 169   | C   |
| 10    | C   | 50    | B   | 90    | B   | 130   | A   | 170   | A   |
| 11    | C   | 51    | A   | 91    | C   | 131   | B   | 171   | A   |
| 12    | C   | 52    | B   | 92    | A   | 132   | C   | 172   | A   |
| 13    | A   | 53    | D   | 93    | D   | 133   | B   | 173   | C   |
| 14    | B   | 54    | C   | 94    | B   | 134   | D   | 174   | B   |
| 15    | D   | 55    | B   | 95    | C   | 135   | A   | 175   | A/B |
| 16    | B   | 56    | B   | 96    | A   | 136   | A   | 176   | D   |
| 17    | C   | 57    | B   | 97    | C   | 137   | A   | 177   | D   |
| 18    | D   | 58    | B   | 98    | A   | 138   | C   | 178   | C   |
| 19    | C   | 59    | B   | 99    | A   | 139   | C   | 179   | D   |
| 20    | B   | 60    | A/B | 100   | B   | 140   | D   | 180   | C   |
| 21    | C   | 61    | C   | 101   | C   | 141   | D   | 181   | D   |
| 22    | A   | 62    | C   | 102   | D   | 142   | B   | 182   | D   |
| 23    | D   | 63    | D   | 103   | A   | 143   | B   | 183   | D   |
| 24    | D   | 64    | D   | 104   | C   | 144   | A   | 184   | B   |
| 25    | D   | 65    | A   | 105   | B   | 145   | A   | 185   | B   |
| 26    | D   | 66    | B   | 106   | C   | 146   | A   | 186   | D   |
| 27    | C   | 67    | B   | 107   | A   | 147   | C   | 187   | A   |
| 28    | D   | 68    | D   | 108   | C   | 148   | A   | 188   | B   |
| 29    | C   | 69    | A   | 109   | D   | 149   | B   | 189   | C   |
| 30    | B   | 70    | D   | 110   | B   | 150   | B   | 190   | B   |
| 31    | C   | 71    | C   | 111   | A   | 151   | B   | 191   | C   |
| 32    | A   | 72    | A   | 112   | A   | 152   | B   | 192   | A   |
| 33    | D   | 73    | C   | 113   | C   | 153   | C   | 193   | B   |
| 34    | D   | 74    | A   | 114   | C   | 154   | C   | 194   | B   |
| 35    | C   | 75    | A   | 115   | A   | 155   | A   | 195   | A   |
| 36    | B   | 76    | C   | 116   | B   | 156   | C   | 196   | A   |
| 37    | C   | 77    | C   | 117   | C   | 157   | C   | 197   | B   |
| 38    | C   | 78    | B   | 118   | B   | 158   | D   | 198   | C   |
| 39    | C   | 79    | A   | 119   | B   | 159   | B   | 199   | A   |
| 40    | C   | 80    | A   | 120   | B   | 160   | B   | 200   | A   |

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DOE: 24.02.2018 FN

Subject Name: AGRICULTURAL ENGINEERING /

Marks: 300

VERSION KEY - C /



| S.No. | Key | S.No. | Key | S.No. | Key | S.No. | Key | S.No. | Key |
|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|
| 1     | D   | 41    | C   | 81    | B   | 121   | B   | 161   | C   |
| 2     | B   | 42    | C   | 82    | C   | 122   | C   | 162   | A   |
| 3     | B   | 43    | C   | 83    | C   | 123   | B   | 163   | B   |
| 4     | D   | 44    | A   | 84    | A   | 124   | A   | 164   | C   |
| 5     | C   | 45    | B   | 85    | A   | 125   | B   | 165   | B   |
| 6     | C   | 46    | C   | 86    | A   | 126   | D   | 166   | D   |
| 7     | C   | 47    | A   | 87    | D   | 127   | C   | 167   | D   |
| 8     | D   | 48    | D   | 88    | C   | 128   | C   | 168   | B   |
| 9     | C   | 49    | A   | 89    | D   | 129   | D   | 169   | B   |
| 10    | B   | 50    | B   | 90    | D   | 130   | D   | 170   | A   |
| 11    | C   | 51    | C   | 91    | D   | 131   | A   | 171   | A   |
| 12    | A   | 52    | D   | 92    | C   | 132   | C   | 172   | A   |
| 13    | B   | 53    | A   | 93    | B   | 133   | A   | 173   | B   |
| 14    | C   | 54    | C   | 94    | C   | 134   | A   | 174   | C   |
| 15    | A   | 55    | B   | 95    | A   | 135   | C   | 175   | C   |
| 16    | D   | 56    | C   | 96    | B   | 136   | C   | 176   | A   |
| 17    | D   | 57    | C   | 97    | B   | 137   | B   | 177   | C   |
| 18    | C   | 58    | A   | 98    | C   | 138   | C   | 178   | C   |
| 19    | A   | 59    | B   | 99    | B   | 139   | C   | 179   | D   |
| 20    | A   | 60    | C   | 100   | B   | 140   | B   | 180   | C   |
| 21    | B   | 61    | D   | 101   | D   | 141   | D   | 181   | D   |
| 22    | C   | 62    | C   | 102   | B   | 142   | D   | 182   | B   |
| 23    | C   | 63    | C   | 103   | C   | 143   | B   | 183   | C   |
| 24    | C   | 64    | D   | 104   | A   | 144   | C   | 184   | C   |
| 25    | C   | 65    | C   | 105   | B   | 145   | A   | 185   | B   |
| 26    | B   | 66    | A   | 106   | D   | 146   | C   | 186   | A/B |
| 27    | B   | 67    | A   | 107   | B   | 147   | A   | 187   | D   |
| 28    | B   | 68    | A   | 108   | D   | 148   | C   | 188   | D   |
| 29    | B   | 69    | C   | 109   | D   | 149   | A   | 189   | C   |
| 30    | B   | 70    | C   | 110   | D   | 150   | C   | 190   | A   |
| 31    | A/B | 71    | D   | 111   | D   | 151   | D   | 191   | A   |
| 32    | B   | 72    | C   | 112   | C   | 152   | B   | 192   | B   |
| 33    | B   | 73    | A   | 113   | D   | 153   | A   | 193   | C   |
| 34    | D   | 74    | B   | 114   | C   | 154   | A   | 194   | A   |
| 35    | A   | 75    | B   | 115   | B   | 155   | B   | 195   | A   |
| 36    | D   | 76    | B   | 116   | C   | 156   | B   | 196   | B   |
| 37    | C   | 77    | D   | 117   | C   | 157   | B   | 197   | B   |
| 38    | A   | 78    | B   | 118   | C   | 158   | A   | 198   | D   |
| 39    | A   | 79    | B   | 119   | C   | 159   | A   | 199   | A   |
| 40    | A   | 80    | B   | 120   | A   | 160   | C   | 200   | B   |

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Subject Code: 280 (QB Code: CEAGE/18)

DOE: 24.02.2018 FN

Subject Name: AGRICULTURAL ENGINEERING

Marks: 300

VERSION KEY - D



| S.No. | Key | S.No. | Key | S.No. | Key | S.No. | Key | S.No. | Key |
|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|
| 1     | C   | 41    | D   | 81    | C   | 121   | B   | 161   | C   |
| 2     | D   | 42    | C   | 82    | D   | 122   | A/B | 162   | C   |
| 3     | C   | 43    | D   | 83    | C   | 123   | A   | 163   | D   |
| 4     | B   | 44    | D   | 84    | D   | 124   | B   | 164   | D   |
| 5     | C   | 45    | D   | 85    | B   | 125   | C   | 165   | A   |
| 6     | A   | 46    | C   | 86    | C   | 126   | D   | 166   | C   |
| 7     | A   | 47    | B   | 87    | D   | 127   | A   | 167   | A   |
| 8     | A   | 48    | B   | 88    | B   | 128   | C   | 168   | C   |
| 9     | B   | 49    | D   | 89    | B   | 129   | B   | 169   | D   |
| 10    | C   | 50    | B   | 90    | A   | 130   | D   | 170   | B   |
| 11    | C   | 51    | A   | 91    | A   | 131   | C   | 171   | A   |
| 12    | C   | 52    | B   | 92    | A   | 132   | C   | 172   | A   |
| 13    | B   | 53    | C   | 93    | A   | 133   | D   | 173   | C   |
| 14    | B   | 54    | B   | 94    | A   | 134   | C   | 174   | C   |
| 15    | D   | 55    | A   | 95    | B   | 135   | C   | 175   | B   |
| 16    | A   | 56    | B   | 96    | C   | 136   | A   | 176   | D   |
| 17    | D   | 57    | D   | 97    | A   | 137   | B   | 177   | D   |
| 18    | C   | 58    | D   | 98    | A   | 138   | B   | 178   | C   |
| 19    | A   | 59    | D   | 99    | D   | 139   | B   | 179   | A   |
| 20    | A   | 60    | D   | 100   | B   | 140   | C   | 180   | B   |
| 21    | B   | 61    | D   | 101   | B   | 141   | B   | 181   | C   |
| 22    | C   | 62    | C   | 102   | D   | 142   | C   | 182   | B   |
| 23    | A   | 63    | D   | 103   | C   | 143   | A   | 183   | D   |
| 24    | D   | 64    | C   | 104   | C   | 144   | B   | 184   | B   |
| 25    | A   | 65    | C   | 105   | B   | 145   | B   | 185   | C   |
| 26    | A   | 66    | A   | 106   | C   | 146   | C   | 186   | C   |
| 27    | A   | 67    | A   | 107   | A   | 147   | C   | 187   | A   |
| 28    | C   | 68    | C   | 108   | D   | 148   | A   | 188   | C   |
| 29    | C   | 69    | C   | 109   | D   | 149   | A   | 189   | C   |
| 30    | D   | 70    | B   | 110   | C   | 150   | A   | 190   | B   |
| 31    | C   | 71    | B   | 111   | A   | 151   | C   | 191   | B   |
| 32    | C   | 72    | C   | 112   | A   | 152   | A   | 192   | D   |
| 33    | A   | 73    | A   | 113   | C   | 153   | B   | 193   | A   |
| 34    | B   | 74    | C   | 114   | C   | 154   | D   | 194   | B   |
| 35    | C   | 75    | A   | 115   | C   | 155   | B   | 195   | C   |
| 36    | D   | 76    | B   | 116   | C   | 156   | B   | 196   | B   |
| 37    | B   | 77    | B   | 117   | B   | 157   | C   | 197   | A/B |
| 38    | B   | 78    | B   | 118   | B   | 158   | C   | 198   | D   |
| 39    | B   | 79    | A   | 119   | B   | 159   | C   | 199   | D   |
| 40    | B   | 80    | A   | 120   | B   | 160   | C   | 200   | C   |

## TAMIL NADU PUBLIC SERVICE COMMISSION

COMBINED ENGINEERING SERVICES EXAMINATION IN VARIOUS DEPARTMENTS / SERVICES,  
2012-2013, 2015-2016 AND 2016-2017

Subject Code: 258 (QB Code: CEAUE/18) ✓  
Subject Name: AUTOMOBILE ENGINEERING ✓

DOE: 24.02.2018 FN ✓  
Marks: 300

VERSION KEY - A

| S.No. | Key   | S.No. | Key | S.No. | Key   | S.No. | Key | S.No. | Key   |
|-------|-------|-------|-----|-------|-------|-------|-----|-------|-------|
| 1     | D ✓   | 41    | B ✓ | 81    | A ✓   | 121   | A ✓ | 161   | A ✓   |
| 2     | B ✓   | 42    | B ✓ | 82    | B ✓   | 122   | B ✓ | 162   | A ✓   |
| 3     | B ✓   | 43    | D ✓ | 83    | B ✓   | 123   | A ✓ | 163   | B ✓   |
| 4     | D ✓   | 44    | D ✓ | 84    | B ✓   | 124   | B ✓ | 164   | A ✓   |
| 5     | B ✓   | 45    | B ✓ | 85    | A ✓   | 125   | C ✓ | 165   | A ✓   |
| 6     | A ✓   | 46    | A ✓ | 86    | A ✓   | 126   | B ✓ | 166   | B ✓   |
| 7     | A ✓   | 47    | D ✓ | 87    | A     | 127   | D ✓ | 167   | C ✓   |
| 8     | C ✓   | 48    | C ✓ | 88    | A ✓   | 128   | A ✓ | 168   | B ✓   |
| 9     | B ✓   | 49    | D ✓ | 89    | C ✓   | 129   | A ✓ | 169   | B ✓   |
| 10    | B ✓   | 50    | D ✓ | 90    | D ✓   | 130   | A ✓ | 170   | D ✓   |
| 11    | A ✓   | 51    | D ✓ | 91    | C/D ✓ | 131   | D ✓ | 171   | C ✓   |
| 12    | A ✓   | 52    | D ✓ | 92    | D ✓   | 132   | A ✓ | 172   | D ✓   |
| 13    | D ✓   | 53    | A ✓ | 93    | B ✓   | 133   | B ✓ | 173   | B ✓   |
| 14    | A ✓   | 54    | B ✓ | 94    | C ✓   | 134   | C ✓ | 174   | A ✓   |
| 15    | D ✓   | 55    | A ✓ | 95    | B ✓   | 135   | C ✓ | 175   | B ✓   |
| 16    | C ✓   | 56    | B ✓ | 96    | A ✓   | 136   | C ✓ | 176   | C ✓   |
| 17    | A ✓   | 57    | B ✓ | 97    | D ✓   | 137   | C ✓ | 177   | C ✓   |
| 18    | D ✓   | 58    | C ✓ | 98    | D ✓   | 138   | C ✓ | 178   | C ✓   |
| 19    | A ✓   | 59    | C ✓ | 99    | D ✓   | 139   | A ✓ | 179   | C ✓   |
| 20    | B ✓   | 60    | B ✓ | 100   | D ✓   | 140   | A ✓ | 180   | D ✓   |
| 21    | B ✓   | 61    | C ✓ | 101   | D ✓   | 141   | D ✓ | 181   | A ✓   |
| 22    | B ✓   | 62    | A ✓ | 102   | C ✓   | 142   | A ✓ | 182   | B ✓   |
| 23    | C ✓   | 63    | A ✓ | 103   | C ✓   | 143   | D ✓ | 183   | D ✓   |
| 24    | B ✓   | 64    | D ✓ | 104   | A ✓   | 144   | B ✓ | 184   | A ✓   |
| 25    | A ✓   | 65    | B ✓ | 105   | B ✓   | 145   | A ✓ | 185   | A ✓   |
| 26    | D ✓   | 66    | D ✓ | 106   | A ✓   | 146   | D ✓ | 186   | B ✓   |
| 27    | C ✓   | 67    | A ✓ | 107   | B ✓   | 147   | A ✓ | 187   | D ✓   |
| 28    | B ✓   | 68    | B ✓ | 108   | C ✓   | 148   | A ✓ | 188   | B ✓   |
| 29    | B/C ✓ | 69    | A ✓ | 109   | A ✓   | 149   | B ✓ | 189   | B ✓   |
| 30    | D ✓   | 70    | A ✓ | 110   | A ✓   | 150   | D ✓ | 190   | D ✓   |
| 31    | D ✓   | 71    | D ✓ | 111   | B ✓   | 151   | C ✓ | 191   | B ✓   |
| 32    | A ✓   | 72    | D ✓ | 112   | D ✓   | 152   | B ✓ | 192   | B ✓   |
| 33    | A ✓   | 73    | D ✓ | 113   | B ✓   | 153   | C ✓ | 193   | C ✓   |
| 34    | C ✓   | 74    | D ✓ | 114   | B ✓   | 154   | A ✓ | 194   | A/D ✓ |
| 35    | B ✓   | 75    | B ✓ | 115   | B ✓   | 155   | D ✓ | 195   | A ✓   |
| 36    | B ✓   | 76    | B ✓ | 116   | D ✓   | 156   | D ✓ | 196   | A ✓   |
| 37    | B ✓   | 77    | A ✓ | 117   | C ✓   | 157   | D ✓ | 197   | A ✓   |
| 38    | A ✓   | 78    | D ✓ | 118   | C ✓   | 158   | A ✓ | 198   | D ✓   |
| 39    | A ✓   | 79    | D ✓ | 119   | A ✓   | 159   | C ✓ | 199   | B ✓   |
| 40    | C ✓   | 80    | C ✓ | 120   | A ✓   | 160   | A ✓ | 200   | A ✓   |

TAMIL NADU PUBLIC SERVICE COMMISSION

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2012-2013, 2015-2016 AND 2016-2017

Subject Code: 258 (QB Code: CEAUE/18)

DOE: 24.02.2018 FN

Subject Name: AUTOMOBILE ENGINEERING

Marks: 300

VERSION KEY - B

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|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|
| 1     | B   | 41    | D   | 81    | D   | 121   | B   | 161   | A   |
| 2     | B   | 42    | C/D | 82    | B   | 122   | A   | 162   | D   |
| 3     | A   | 43    | A   | 83    | C   | 123   | A   | 163   | A   |
| 4     | A   | 44    | D   | 84    | D   | 124   | B   | 164   | B   |
| 5     | D   | 45    | D   | 85    | A   | 125   | A   | 165   | C   |
| 6     | A   | 46    | D   | 86    | B   | 126   | B   | 166   | C   |
| 7     | D   | 47    | D   | 87    | D   | 127   | B   | 167   | C   |
| 8     | B   | 48    | D   | 88    | A   | 128   | C   | 168   | B   |
| 9     | C   | 49    | C   | 89    | A   | 129   | C   | 169   | A   |
| 10    | B   | 50    | A   | 90    | B   | 130   | D   | 170   | D   |
| 11    | A   | 51    | B   | 91    | B   | 131   | B   | 171   | A   |
| 12    | D   | 52    | D   | 92    | C   | 132   | D   | 172   | A   |
| 13    | C   | 53    | B   | 93    | A/D | 133   | A   | 173   | B   |
| 14    | B   | 54    | B   | 94    | A   | 134   | D   | 174   | D   |
| 15    | B   | 55    | B   | 95    | D   | 135   | D   | 175   | D   |
| 16    | B   | 56    | B   | 96    | B   | 136   | D   | 176   | D   |
| 17    | A   | 57    | A   | 97    | B   | 137   | B   | 177   | A   |
| 18    | A   | 58    | B   | 98    | D   | 138   | B   | 178   | C   |
| 19    | D   | 59    | C   | 99    | B   | 139   | B   | 179   | A   |
| 20    | C   | 60    | B   | 100   | A   | 140   | B   | 180   | B   |
| 21    | D   | 61    | D   | 101   | A   | 141   | A   | 181   | A   |
| 22    | D   | 62    | A   | 102   | C   | 142   | A   | 182   | A   |
| 23    | D   | 63    | A   | 103   | C   | 143   | A   | 183   | B   |
| 24    | D   | 64    | C   | 104   | A   | 144   | D   | 184   | C   |
| 25    | B   | 65    | C   | 105   | D   | 145   | B   | 185   | B   |
| 26    | C   | 66    | A   | 106   | A   | 146   | C   | 186   | A   |
| 27    | A   | 67    | A   | 107   | B   | 147   | B   | 187   | B   |
| 28    | A   | 68    | D   | 108   | B   | 148   | C   | 188   | C   |
| 29    | B   | 69    | A   | 109   | C   | 149   | A   | 189   | C   |
| 30    | A   | 70    | D   | 110   | B   | 150   | B   | 190   | C   |
| 31    | A   | 71    | D   | 111   | B/C | 151   | A   | 191   | A   |
| 32    | D   | 72    | C   | 112   | D   | 152   | B   | 192   | A   |
| 33    | A   | 73    | B   | 113   | D   | 153   | C   | 193   | D   |
| 34    | D   | 74    | C   | 114   | A   | 154   | A   | 194   | B   |
| 35    | D   | 75    | A   | 115   | A   | 155   | D   | 195   | A   |
| 36    | C   | 76    | A   | 116   | C   | 156   | C   | 196   | B   |
| 37    | A   | 77    | A   | 117   | B   | 157   | C   | 197   | D   |
| 38    | B   | 78    | B   | 118   | B   | 158   | A   | 198   | B   |
| 39    | A   | 79    | D   | 119   | D   | 159   | A   | 199   | B   |
| 40    | C   | 80    | C   | 120   | D   | 160   | A   | 200   | D   |

TAMIL NADU PUBLIC SERVICE COMMISSION

COMBINED ENGINEERING SERVICES EXAMINATION IN VARIOUS DEPARTMENTS / SERVICES,  
2012-2013, 2015-2016 AND 2016-2017

Subject Code: 258 (QB Code: CEAUE/18)

DOE: 24.02.2018 FN

Subject Name: AUTOMOBILE ENGINEERING

Marks: 300

VERSION KEY - C

| S.No. | Key | S.No. | Key | S.No. | Key | S.No. | Key | S.No. | Key |
|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|
| 1     | B   | 41    | A   | 81    | D   | 121   | D   | 161   | A   |
| 2     | C   | 42    | D   | 82    | A   | 122   | D   | 162   | D   |
| 3     | B   | 43    | B   | 83    | A   | 123   | D   | 163   | B   |
| 4     | A   | 44    | B   | 84    | B   | 124   | D   | 164   | D   |
| 5     | D   | 45    | D   | 85    | B   | 125   | C   | 165   | A   |
| 6     | D   | 46    | B   | 86    | A   | 126   | B   | 166   | B   |
| 7     | C   | 47    | A   | 87    | A   | 127   | A   | 167   | B   |
| 8     | D   | 48    | A   | 88    | B   | 128   | B   | 168   | A   |
| 9     | D   | 49    | C   | 89    | C   | 129   | C   | 169   | A   |
| 10    | D   | 50    | C   | 90    | B   | 130   | B   | 170   | A   |
| 11    | D   | 51    | B   | 91    | A   | 131   | D   | 171   | C   |
| 12    | B   | 52    | B/C | 92    | A   | 132   | A   | 172   | A   |
| 13    | A   | 53    | D   | 93    | D   | 133   | A   | 173   | B   |
| 14    | A   | 54    | D   | 94    | B   | 134   | D   | 174   | A   |
| 15    | D   | 55    | A   | 95    | A   | 135   | C   | 175   | B   |
| 16    | A   | 56    | A   | 96    | B   | 136   | B   | 176   | C   |
| 17    | C   | 57    | A   | 97    | B   | 137   | C   | 177   | A   |
| 18    | D   | 58    | B   | 98    | A   | 138   | A   | 178   | A   |
| 19    | C/D | 59    | A   | 99    | A   | 139   | B   | 179   | D   |
| 20    | A   | 60    | B   | 100   | D   | 140   | D   | 180   | A   |
| 21    | B   | 61    | B   | 101   | A   | 141   | C   | 181   | B   |
| 22    | D   | 62    | C   | 102   | D   | 142   | D   | 182   | C   |
| 23    | B   | 63    | C   | 103   | C   | 143   | B   | 183   | C   |
| 24    | B   | 64    | D   | 104   | B   | 144   | B   | 184   | C   |
| 25    | B   | 65    | D   | 105   | B   | 145   | B   | 185   | D   |
| 26    | C   | 66    | D   | 106   | B   | 146   | C   | 186   | D   |
| 27    | C   | 67    | B   | 107   | A   | 147   | A/D | 187   | D   |
| 28    | A   | 68    | B   | 108   | A   | 148   | A   | 188   | A   |
| 29    | A   | 69    | D   | 109   | B   | 149   | C   | 189   | C   |
| 30    | D   | 70    | B   | 110   | C   | 150   | A   | 190   | A   |
| 31    | A   | 71    | C   | 111   | A   | 151   | D   | 191   | B   |
| 32    | D   | 72    | B   | 112   | A   | 152   | A   | 192   | D   |
| 33    | A   | 73    | D   | 113   | A   | 153   | B   | 193   | B   |
| 34    | A   | 74    | C   | 114   | D   | 154   | B   | 194   | B   |
| 35    | C   | 75    | C   | 115   | D   | 155   | C   | 195   | D   |
| 36    | D   | 76    | A   | 116   | C   | 156   | B   | 196   | A   |
| 37    | A   | 77    | A   | 117   | A   | 157   | B   | 197   | B   |
| 38    | B   | 78    | A   | 118   | B   | 158   | D   | 198   | C   |
| 39    | D   | 79    | B   | 119   | A   | 159   | D   | 199   | C   |
| 40    | A   | 80    | A   | 120   | D   | 160   | B   | 200   | C   |

TAMIL NADU PUBLIC SERVICE COMMISSION

COMBINED ENGINEERING SERVICES EXAMINATION IN VARIOUS DEPARTMENTS / SERVICES,  
2012-2013, 2015-2016 AND 2016-2017

Subject Code: 258 (QB Code: CEAUE/18)

DOE: 24.02.2018 FN

Subject Name: AUTOMOBILE ENGINEERING

Marks: 300

VERSION KEY - D

| S.No. | Key | S.No. | Key | S.No. | Key | S.No. | Key | S.No. | Key |
|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|
| 1     | D   | 41    | A   | 81    | D   | 121   | D   | 161   | A   |
| 2     | C   | 42    | A   | 82    | B   | 122   | B   | 162   | B   |
| 3     | D   | 43    | B   | 83    | A   | 123   | A   | 163   | C   |
| 4     | D   | 44    | A   | 84    | A   | 124   | A   | 164   | B   |
| 5     | D   | 45    | A   | 85    | D   | 125   | C   | 165   | D   |
| 6     | D   | 46    | B   | 86    | A   | 126   | A   | 166   | A   |
| 7     | A   | 47    | C   | 87    | B   | 127   | B   | 167   | A   |
| 8     | C   | 48    | B   | 88    | C   | 128   | A   | 168   | C   |
| 9     | D   | 49    | B   | 89    | C   | 129   | B   | 169   | A   |
| 10    | C/D | 50    | B   | 90    | C   | 130   | B   | 170   | D   |
| 11    | C   | 51    | A   | 91    | B   | 131   | C   | 171   | A   |
| 12    | C   | 52    | A   | 92    | B   | 132   | C   | 172   | B   |
| 13    | A   | 53    | D   | 93    | A   | 133   | D   | 173   | B   |
| 14    | A   | 54    | A   | 94    | A   | 134   | B   | 174   | B   |
| 15    | D   | 55    | D   | 95    | A   | 135   | C   | 175   | D   |
| 16    | A   | 56    | A   | 96    | B   | 136   | B   | 176   | C   |
| 17    | D   | 57    | D   | 97    | D   | 137   | A   | 177   | D   |
| 18    | C   | 58    | D   | 98    | B   | 138   | A   | 178   | B   |
| 19    | D   | 59    | D   | 99    | B   | 139   | D   | 179   | D   |
| 20    | A   | 60    | D   | 100   | D   | 140   | B   | 180   | B   |
| 21    | B   | 61    | D   | 101   | B   | 141   | A   | 181   | D   |
| 22    | D   | 62    | C   | 102   | C   | 142   | B   | 182   | A   |
| 23    | A   | 63    | B   | 103   | B   | 143   | A   | 183   | C   |
| 24    | A   | 64    | C   | 104   | A   | 144   | D   | 184   | A   |
| 25    | D   | 65    | A   | 105   | D   | 145   | A   | 185   | B   |
| 26    | D   | 66    | A   | 106   | B   | 146   | A   | 186   | A   |
| 27    | D   | 67    | D   | 107   | A   | 147   | B   | 187   | B   |
| 28    | B   | 68    | C   | 108   | A   | 148   | C   | 188   | C   |
| 29    | B   | 69    | B   | 109   | D   | 149   | B   | 189   | A   |
| 30    | C   | 70    | C   | 110   | A   | 150   | B   | 190   | A   |
| 31    | B   | 71    | A   | 111   | A   | 151   | B   | 191   | B   |
| 32    | B/C | 72    | B   | 112   | A   | 152   | A   | 192   | C   |
| 33    | D   | 73    | B   | 113   | B   | 153   | A   | 193   | C   |
| 34    | D   | 74    | C   | 114   | D   | 154   | A   | 194   | C   |
| 35    | A   | 75    | A/D | 115   | B   | 155   | D   | 195   | D   |
| 36    | A   | 76    | A   | 116   | B   | 156   | D   | 196   | D   |
| 37    | D   | 77    | C   | 117   | B   | 157   | C   | 197   | D   |
| 38    | C   | 78    | B   | 118   | D   | 158   | A   | 198   | A   |
| 39    | C   | 79    | B   | 119   | B   | 159   | B   | 199   | C   |
| 40    | A   | 80    | D   | 120   | B   | 160   | B   | 200   | A   |



TAMIL NADU PUBLIC SERVICE COMMISSION

COMBINED ENGINEERING SERVICES EXAMINATION IN VARIOUS DEPARTMENTS / SERVICES,  
2012-2013, 2015-2016 AND 2016-2017

Subject Code: 260 (QB Code: CECEH/18)  
Subject Name: CHEMICAL ENGINEERING

DOE: 24.02.2018 FN  
Marks: 300

VERSION KEY - A

| S.No. | Key | S.No. | Key   | S.No. | Key   | S.No. | Key   | S.No. | Key   |
|-------|-----|-------|-------|-------|-------|-------|-------|-------|-------|
| 1     | D ✓ | 41    | D ✓   | 81    | A ✓   | 121   | A ✓   | 161   | A ✓   |
| 2     | B ✓ | 42    | C ✓   | 82    | B ✓   | 122   | B ✓   | 162   | A ✓   |
| 3     | A ✓ | 43    | C ✓   | 83    | C ✓   | 123   | B ✓   | 163   | B ✓   |
| 4     | B ✓ | 44    | ALL ✓ | 84    | B ✓   | 124   | C ✓   | 164   | C ✓   |
| 5     | D ✓ | 45    | B ✓   | 85    | B ✓   | 125   | A ✓   | 165   | B ✓   |
| 6     | B ✓ | 46    | D ✓   | 86    | B ✓   | 126   | A ✓   | 166   | ALL ✓ |
| 7     | A ✓ | 47    | B ✓   | 87    | D ✓   | 127   | A ✓   | 167   | C ✓   |
| 8     | A ✓ | 48    | B ✓   | 88    | B ✓   | 128   | D ✓   | 168   | B ✓   |
| 9     | A ✓ | 49    | C ✓   | 89    | A ✓   | 129   | B ✓   | 169   | B ✓   |
| 10    | C ✓ | 50    | A ✓   | 90    | D ✓   | 130   | A ✓   | 170   | B ✓   |
| 11    | D ✓ | 51    | A ✓   | 91    | B ✓   | 131   | D ✓   | 171   | C ✓   |
| 12    | B ✓ | 52    | A ✓   | 92    | A ✓   | 132   | C ✓   | 172   | B ✓   |
| 13    | C ✓ | 53    | B ✓   | 93    | A ✓   | 133   | C ✓   | 173   | B ✓   |
| 14    | A ✓ | 54    | C ✓   | 94    | A ✓   | 134   | A ✓   | 174   | D ✓   |
| 15    | D ✓ | 55    | A ✓   | 95    | B ✓   | 135   | C ✓   | 175   | A ✓   |
| 16    | C ✓ | 56    | D ✓   | 96    | C ✓   | 136   | A ✓   | 176   | B ✓   |
| 17    | C ✓ | 57    | A ✓   | 97    | B ✓   | 137   | A ✓   | 177   | C ✓   |
| 18    | B ✓ | 58    | C ✓   | 98    | B ✓   | 138   | B ✓   | 178   | A ✓   |
| 19    | A ✓ | 59    | D ✓   | 99    | A ✓   | 139   | A ✓   | 179   | D ✓   |
| 20    | A ✓ | 60    | D ✓   | 100   | D ✓   | 140   | A ✓   | 180   | D ✓   |
| 21    | A ✓ | 61    | B ✓   | 101   | B ✓   | 141   | C ✓   | 181   | D ✓   |
| 22    | B ✓ | 62    | D ✓   | 102   | B ✓   | 142   | A ✓   | 182   | B ✓   |
| 23    | C ✓ | 63    | A ✓   | 103   | B ✓   | 143   | B ✓   | 183   | C ✓   |
| 24    | A ✓ | 64    | D ✓   | 104   | D ✓   | 144   | A ✓   | 184   | D ✓   |
| 25    | A ✓ | 65    | A ✓   | 105   | B ✓   | 145   | A ✓   | 185   | B ✓   |
| 26    | A ✓ | 66    | C ✓   | 106   | C ✓   | 146   | B ✓   | 186   | D ✓   |
| 27    | C ✓ | 67    | B/C ✓ | 107   | B ✓   | 147   | C ✓   | 187   | A ✓   |
| 28    | B ✓ | 68    | C ✓   | 108   | A ✓   | 148   | D ✓   | 188   | C ✓   |
| 29    | B ✓ | 69    | B ✓   | 109   | B ✓   | 149   | B ✓   | 189   | C ✓   |
| 30    | B ✓ | 70    | A ✓   | 110   | D ✓   | 150   | C ✓   | 190   | A ✓   |
| 31    | C ✓ | 71    | C ✓   | 111   | C ✓   | 151   | B/D ✓ | 191   | C ✓   |
| 32    | C ✓ | 72    | A ✓   | 112   | B ✓   | 152   | A ✓   | 192   | A ✓   |
| 33    | D ✓ | 73    | B ✓   | 113   | B ✓   | 153   | ALL ✓ | 193   | A ✓   |
| 34    | C ✓ | 74    | B ✓   | 114   | C ✓   | 154   | C/D ✓ | 194   | B ✓   |
| 35    | B ✓ | 75    | C ✓   | 115   | A ✓   | 155   | C ✓   | 195   | ALL ✓ |
| 36    | B ✓ | 76    | A ✓   | 116   | A ✓   | 156   | C ✓   | 196   | C ✓   |
| 37    | D ✓ | 77    | A ✓   | 117   | ALL ✓ | 157   | C ✓   | 197   | B ✓   |
| 38    | B ✓ | 78    | A ✓   | 118   | B ✓   | 158   | B ✓   | 198   | A ✓   |
| 39    | D ✓ | 79    | B/C ✓ | 119   | C ✓   | 159   | B ✓   | 199   | B ✓   |
| 40    | B ✓ | 80    | C ✓   | 120   | A ✓   | 160   | D ✓   | 200   | A ✓   |

TAMIL NADU PUBLIC SERVICE COMMISSION

COMBINED ENGINEERING SERVICES EXAMINATION IN VARIOUS DEPARTMENTS / SERVICES,  
2012-2013, 2015-2016 AND 2016-2017

Subject Code: 260 (QB Code: CECHE/18)

DOE: 24.02.2018 FN

Subject Name: CHEMICAL ENGINEERING

Marks: 300

VERSION KEY - B

| S.No. | Key | S.No. | Key | S.No. | Key | S.No. | Key | S.No. | Key |
|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|
| 1     | A   | 41    | D   | 81    | A   | 121   | C   | 161   | A   |
| 2     | A   | 42    | B   | 82    | A   | 122   | ALL | 162   | A   |
| 3     | C   | 43    | A   | 83    | B   | 123   | B   | 163   | B   |
| 4     | D   | 44    | A   | 84    | B   | 124   | D   | 164   | A   |
| 5     | B   | 45    | A   | 85    | C   | 125   | A   | 165   | D   |
| 6     | C   | 46    | B   | 86    | B   | 126   | A   | 166   | C   |
| 7     | A   | 47    | B   | 87    | B   | 127   | B   | 167   | C   |
| 8     | B   | 48    | B   | 88    | D   | 128   | C   | 168   | A   |
| 9     | C   | 49    | B   | 89    | D   | 129   | A   | 169   | C   |
| 10    | A   | 50    | D   | 90    | B   | 130   | D   | 170   | A   |
| 11    | A   | 51    | B   | 91    | C   | 131   | D   | 171   | B   |
| 12    | A   | 52    | C   | 92    | D   | 132   | A   | 172   | A   |
| 13    | C   | 53    | C   | 93    | B   | 133   | C   | 173   | B/D |
| 14    | B   | 54    | B   | 94    | D   | 134   | B/C | 174   | A   |
| 15    | B   | 55    | B   | 95    | A   | 135   | C   | 175   | ALL |
| 16    | B   | 56    | C   | 96    | A   | 136   | B   | 176   | C/D |
| 17    | D   | 57    | A   | 97    | B   | 137   | A   | 177   | C   |
| 18    | B   | 58    | B   | 98    | ALL | 138   | A   | 178   | C   |
| 19    | D   | 59    | C   | 99    | D   | 139   | A   | 179   | B   |
| 20    | B   | 60    | A   | 100   | B   | 140   | B/C | 180   | C   |
| 21    | B   | 61    | A   | 101   | A   | 141   | C   | 181   | B   |
| 22    | B   | 62    | A   | 102   | B   | 142   | A   | 182   | ALL |
| 23    | C   | 63    | D   | 103   | D   | 143   | B   | 183   | C   |
| 24    | A   | 64    | B   | 104   | B   | 144   | B   | 184   | B   |
| 25    | A   | 65    | C   | 105   | A   | 145   | D   | 185   | A   |
| 26    | C   | 66    | A   | 106   | D   | 146   | B   | 186   | B   |
| 27    | D   | 67    | A   | 107   | C   | 147   | A   | 187   | C   |
| 28    | D   | 68    | B   | 108   | C   | 148   | C   | 188   | A   |
| 29    | B   | 69    | A   | 109   | B   | 149   | B   | 189   | D   |
| 30    | D   | 70    | A   | 110   | A   | 150   | B   | 190   | D   |
| 31    | A   | 71    | A   | 111   | A   | 151   | A   | 191   | C   |
| 32    | C   | 72    | B   | 112   | A   | 152   | D   | 192   | B   |
| 33    | A   | 73    | C   | 113   | B   | 153   | B   | 193   | A   |
| 34    | B   | 74    | D   | 114   | B   | 154   | A   | 194   | B   |
| 35    | B   | 75    | B   | 115   | C   | 155   | B   | 195   | A   |
| 36    | C   | 76    | C   | 116   | C   | 156   | D   | 196   | A   |
| 37    | A   | 77    | C   | 117   | D   | 157   | A   | 197   | C   |
| 38    | B   | 78    | B   | 118   | C   | 158   | ALL | 198   | C   |
| 39    | C   | 79    | B   | 119   | D   | 159   | B   | 199   | A   |
| 40    | B   | 80    | D   | 120   | C   | 160   | C   | 200   | C   |

TAMIL NADU PUBLIC SERVICE COMMISSION

COMBINED ENGINEERING SERVICES EXAMINATION IN VARIOUS DEPARTMENTS / SERVICES,  
2012-2013, 2015-2016 AND 2016-2017

Subject Code: 260. (QB Code: CECHE/18)

DOE: 24.02.2018 FN

Subject Name: CHEMICAL ENGINEERING

Marks: 300

VERSION KEY - C



| S.No. | Key | S.No. | Key | S.No. | Key | S.No. | Key | S.No. | Key |
|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|
| 1     | B   | 41    | D   | 81    | A   | 121   | B   | 161   | B   |
| 2     | C   | 42    | B   | 82    | B   | 122   | B   | 162   | D   |
| 3     | A   | 43    | C   | 83    | C   | 123   | B   | 163   | D   |
| 4     | A   | 44    | D   | 84    | A   | 124   | D   | 164   | A   |
| 5     | A   | 45    | B   | 85    | B   | 125   | B   | 165   | C   |
| 6     | C   | 46    | D   | 86    | A   | 126   | C   | 166   | B/C |
| 7     | B   | 47    | D   | 87    | B   | 127   | B   | 167   | C   |
| 8     | B   | 48    | B   | 88    | C   | 128   | C   | 168   | B   |
| 9     | B   | 49    | A   | 89    | B   | 129   | A   | 169   | A   |
| 10    | C   | 50    | B   | 90    | ALL | 130   | A   | 170   | B   |
| 11    | A   | 51    | D   | 91    | C   | 131   | A   | 171   | B   |
| 12    | C   | 52    | B   | 92    | B   | 132   | D   | 172   | D   |
| 13    | A   | 53    | A   | 93    | C   | 133   | B   | 173   | B   |
| 14    | B   | 54    | B   | 94    | B   | 134   | A   | 174   | A   |
| 15    | B   | 55    | B   | 95    | A   | 135   | B   | 175   | B   |
| 16    | C   | 56    | C   | 96    | B   | 136   | C   | 176   | A   |
| 17    | A   | 57    | C   | 97    | A   | 137   | D   | 177   | B   |
| 18    | D   | 58    | D   | 98    | A   | 138   | B   | 178   | D   |
| 19    | B   | 59    | C   | 99    | A   | 139   | C   | 179   | A   |
| 20    | A   | 60    | A   | 100   | C   | 140   | B   | 180   | D   |
| 21    | A   | 61    | A   | 101   | D   | 141   | B   | 181   | C   |
| 22    | A   | 62    | B   | 102   | B   | 142   | C   | 182   | C   |
| 23    | B   | 63    | C   | 103   | C   | 143   | B   | 183   | A   |
| 24    | C   | 64    | A   | 104   | A   | 144   | B   | 184   | B/D |
| 25    | B   | 65    | D   | 105   | B   | 145   | D   | 185   | A   |
| 26    | B   | 66    | A   | 106   | B   | 146   | A   | 186   | ALL |
| 27    | C   | 67    | A   | 107   | D   | 147   | A   | 187   | C/D |
| 28    | A   | 68    | B/C | 108   | B   | 148   | B   | 188   | C   |
| 29    | C   | 69    | C   | 109   | D   | 149   | ALL | 189   | C   |
| 30    | A   | 70    | A   | 110   | B   | 150   | D   | 190   | A   |
| 31    | A   | 71    | C   | 111   | A   | 151   | C   | 191   | C   |
| 32    | B   | 72    | B   | 112   | C   | 152   | C   | 192   | C   |
| 33    | A   | 73    | B   | 113   | D   | 153   | B   | 193   | A   |
| 34    | A   | 74    | A   | 114   | D   | 154   | A   | 194   | C   |
| 35    | C   | 75    | D   | 115   | B   | 155   | A   | 195   | A   |
| 36    | B   | 76    | A   | 116   | D   | 156   | A   | 196   | B   |
| 37    | B   | 77    | ALL | 117   | A   | 157   | D   | 197   | C   |
| 38    | D   | 78    | B   | 118   | B   | 158   | C   | 198   | A   |
| 39    | A   | 79    | C   | 119   | C   | 159   | C   | 199   | D   |
| 40    | A   | 80    | A   | 120   | B   | 160   | ALL | 200   | D   |

TAMIL NADU PUBLIC SERVICE COMMISSION

COMBINED ENGINEERING SERVICES EXAMINATION IN VARIOUS DEPARTMENTS / SERVICES,  
2012-2013, 2015-2016 AND 2016-2017

Subject Code: 260 (QB Code: CECHE/18) ✓  
Subject Name: CHEMICAL ENGINEERING ✓

DOE: 24.02.2018 FN ✓  
Marks: 300

VERSION KEY - D



| S.No. | Key   | S.No. | Key   | S.No. | Key | S.No. | Key | S.No. | Key   |
|-------|-------|-------|-------|-------|-----|-------|-----|-------|-------|
| 1     | B ✓   | 41    | B ✓   | 81    | B ✓ | 121   | A ✓ | 161   | A ✓   |
| 2     | B ✓   | 42    | C ✓   | 82    | D ✓ | 122   | D ✓ | 162   | A ✓   |
| 3     | C ✓   | 43    | B ✓   | 83    | A ✓ | 123   | B ✓ | 163   | D ✓   |
| 4     | A ✓   | 44    | ALL ✓ | 84    | D ✓ | 124   | A ✓ | 164   | B ✓   |
| 5     | D ✓   | 45    | C ✓   | 85    | C ✓ | 125   | B ✓ | 165   | D ✓   |
| 6     | B ✓   | 46    | B ✓   | 86    | C ✓ | 126   | D ✓ | 166   | C ✓   |
| 7     | A ✓   | 47    | A ✓   | 87    | A ✓ | 127   | B ✓ | 167   | C ✓   |
| 8     | A ✓   | 48    | A ✓   | 88    | B ✓ | 128   | A ✓ | 168   | B ✓   |
| 9     | A ✓   | 49    | C ✓   | 89    | B ✓ | 129   | A ✓ | 169   | A ✓   |
| 10    | B ✓   | 50    | D ✓   | 90    | D ✓ | 130   | A ✓ | 170   | A ✓   |
| 11    | C ✓   | 51    | B ✓   | 91    | B ✓ | 131   | B ✓ | 171   | A ✓   |
| 12    | A ✓   | 52    | C ✓   | 92    | A ✓ | 132   | C ✓ | 172   | B ✓   |
| 13    | A ✓   | 53    | A ✓   | 93    | A ✓ | 133   | A ✓ | 173   | B ✓   |
| 14    | B ✓   | 54    | B ✓   | 94    | C ✓ | 134   | D ✓ | 174   | C ✓   |
| 15    | A ✓   | 55    | B ✓   | 95    | C ✓ | 135   | C ✓ | 175   | B ✓   |
| 16    | A ✓   | 56    | B ✓   | 96    | A ✓ | 136   | B ✓ | 176   | B ✓   |
| 17    | D ✓   | 57    | D ✓   | 97    | C ✓ | 137   | B ✓ | 177   | D ✓   |
| 18    | B ✓   | 58    | B ✓   | 98    | B ✓ | 138   | A ✓ | 178   | D ✓   |
| 19    | C ✓   | 59    | C ✓   | 99    | C ✓ | 139   | D ✓ | 179   | A ✓   |
| 20    | D ✓   | 60    | A ✓   | 100   | A ✓ | 140   | C ✓ | 180   | C ✓   |
| 21    | B ✓   | 61    | C ✓   | 101   | A ✓ | 141   | B ✓ | 181   | B/C ✓ |
| 22    | D ✓   | 62    | D ✓   | 102   | A ✓ | 142   | A ✓ | 182   | C ✓   |
| 23    | A ✓   | 63    | D ✓   | 103   | C ✓ | 143   | B ✓ | 183   | B ✓   |
| 24    | A ✓   | 64    | B ✓   | 104   | B ✓ | 144   | A ✓ | 184   | A ✓   |
| 25    | B/C ✓ | 65    | D ✓   | 105   | C ✓ | 145   | C ✓ | 185   | B ✓   |
| 26    | C ✓   | 66    | A ✓   | 106   | A ✓ | 146   | A ✓ | 186   | A ✓   |
| 27    | A ✓   | 67    | A ✓   | 107   | B ✓ | 147   | B ✓ | 187   | B ✓   |
| 28    | B ✓   | 68    | B ✓   | 108   | B ✓ | 148   | A ✓ | 188   | D ✓   |
| 29    | B ✓   | 69    | C ✓   | 109   | C ✓ | 149   | B ✓ | 189   | A ✓   |
| 30    | C ✓   | 70    | D ✓   | 110   | A ✓ | 150   | B ✓ | 190   | B ✓   |
| 31    | C ✓   | 71    | B ✓   | 111   | C ✓ | 151   | D ✓ | 191   | C ✓   |
| 32    | D ✓   | 72    | C ✓   | 112   | B ✓ | 152   | B ✓ | 192   | A ✓   |
| 33    | C ✓   | 73    | A ✓   | 113   | B ✓ | 153   | D ✓ | 193   | D ✓   |
| 34    | A ✓   | 74    | A ✓   | 114   | D ✓ | 154   | B ✓ | 194   | D ✓   |
| 35    | ALL ✓ | 75    | B ✓   | 115   | A ✓ | 155   | B ✓ | 195   | B/D ✓ |
| 36    | B ✓   | 76    | ALL ✓ | 116   | A ✓ | 156   | C ✓ | 196   | A ✓   |
| 37    | C ✓   | 77    | D ✓   | 117   | C ✓ | 157   | B ✓ | 197   | ALL ✓ |
| 38    | A ✓   | 78    | C ✓   | 118   | B ✓ | 158   | B ✓ | 198   | C/D ✓ |
| 39    | A ✓   | 79    | C ✓   | 119   | B ✓ | 159   | C ✓ | 199   | C ✓   |
| 40    | B ✓   | 80    | ALL ✓ | 120   | C ✓ | 160   | A ✓ | 200   | C ✓   |

TAMIL NADU PUBLIC SERVICE COMMISSION

COMBINED ENGINEERING SERVICES EXAMINATION IN VARIOUS DEPARTMENTS / SERVICES,  
2012-2013, 2015-2016 AND 2016-2017

Subject Code: 261 (QB Code: CECVE/18)

DOE: 24.02.2018 FN

Subject Name: CIVIL ENGINEERING

Marks: 300

VERSION KEY - A

| S.No. | Key | S.No. | Key | S.No. | Key | S.No. | Key | S.No. | Key |
|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|
| 1     | A   | 41    | A   | 81    | B   | 121   | C   | 161   | D   |
| 2     | D   | 42    | C   | 82    | B   | 122   | C   | 162   | B   |
| 3     | A   | 43    | B   | 83    | A   | 123   | A   | 163   | A   |
| 4     | C   | 44    | A   | 84    | C   | 124   | D   | 164   | C   |
| 5     | B   | 45    | D   | 85    | B   | 125   | C   | 165   | A   |
| 6     | C   | 46    | A   | 86    | C   | 126   | D   | 166   | A   |
| 7     | C   | 47    | B   | 87    | D   | 127   | B   | 167   | C   |
| 8     | D   | 48    | C   | 88    | C   | 128   | B   | 168   | B   |
| 9     | D   | 49    | C   | 89    | B   | 129   | B   | 169   | B   |
| 10    | D   | 50    | B   | 90    | C   | 130   | D   | 170   | A   |
| 11    | C   | 51    | B   | 91    | B   | 131   | B   | 171   | C   |
| 12    | A   | 52    | B   | 92    | B   | 132   | C   | 172   | D   |
| 13    | B   | 53    | D   | 93    | D   | 133   | D   | 173   | C   |
| 14    | C   | 54    | C   | 94    | A   | 134   | A   | 174   | D   |
| 15    | A   | 55    | A   | 95    | D   | 135   | C   | 175   | B   |
| 16    | A   | 56    | A   | 96    | A   | 136   | A   | 176   | C   |
| 17    | A   | 57    | B   | 97    | C   | 137   | A   | 177   | C   |
| 18    | B   | 58    | C   | 98    | B   | 138   | C   | 178   | B   |
| 19    | A   | 59    | D   | 99    | D   | 139   | B   | 179   | B   |
| 20    | C   | 60    | B   | 100   | C   | 140   | C   | 180   | B   |
| 21    | D   | 61    | B   | 101   | B   | 141   | C   | 181   | B   |
| 22    | D   | 62    | B   | 102   | C   | 142   | A   | 182   | B   |
| 23    | D   | 63    | C   | 103   | A   | 143   | B   | 183   | B   |
| 24    | D   | 64    | C   | 104   | A   | 144   | A   | 184   | A   |
| 25    | C   | 65    | A   | 105   | D   | 145   | C   | 185   | A   |
| 26    | B   | 66    | C   | 106   | B   | 146   | A   | 186   | A   |
| 27    | A   | 67    | C   | 107   | C   | 147   | A   | 187   | B   |
| 28    | C   | 68    | A   | 108   | A   | 148   | B   | 188   | B   |
| 29    | C   | 69    | A   | 109   | B   | 149   | B   | 189   | C   |
| 30    | C   | 70    | D   | 110   | D   | 150   | D   | 190   | B   |
| 31    | B   | 71    | A   | 111   | A   | 151   | D   | 191   | C   |
| 32    | B   | 72    | B   | 112   | A   | 152   | D   | 192   | D   |
| 33    | A   | 73    | B   | 113   | B   | 153   | C   | 193   | B   |
| 34    | A   | 74    | C   | 114   | C   | 154   | C   | 194   | C   |
| 35    | C   | 75    | A   | 115   | B   | 155   | B   | 195   | D   |
| 36    | B   | 76    | B   | 116   | D   | 156   | A   | 196   | C   |
| 37    | C   | 77    | A   | 117   | C   | 157   | D   | 197   | C   |
| 38    | A   | 78    | C   | 118   | A   | 158   | C   | 198   | A   |
| 39    | A   | 79    | A   | 119   | B/D | 159   | C   | 199   | C   |
| 40    | A   | 80    | C   | 120   | A   | 160   | C   | 200   | A   |

TAMIL NADU PUBLIC SERVICE COMMISSION

COMBINED ENGINEERING SERVICES EXAMINATION IN VARIOUS DEPARTMENTS / SERVICES,  
2012/2013, 2015-2016 AND 2016-2017

Subject Code: 261 (QB Code: CECVE/18)  
Subject Name: CIVIL ENGINEERING

DOE: 24.02.2018 FN  
Marks: 300

VERSION KEY - B

| S.No. | Key | S.No. | Key | S.No. | Key | S.No. | Key | S.No. | Key |
|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|
| 1     | D   | 41    | B   | 81    | D   | 121   | A   | 161   | A   |
| 2     | D   | 42    | B   | 82    | C   | 122   | C   | 162   | C   |
| 3     | D   | 43    | C   | 83    | C   | 123   | B   | 163   | C   |
| 4     | C   | 44    | B   | 84    | A   | 124   | B   | 164   | B   |
| 5     | A   | 45    | B   | 85    | A   | 125   | A   | 165   | B   |
| 6     | A   | 46    | D   | 86    | C   | 126   | D   | 166   | D   |
| 7     | C   | 47    | A   | 87    | B   | 127   | A   | 167   | B   |
| 8     | D   | 48    | B   | 88    | B   | 128   | B   | 168   | C   |
| 9     | D   | 49    | C   | 89    | A   | 129   | C   | 169   | C   |
| 10    | C   | 50    | A   | 90    | C   | 130   | A   | 170   | B   |
| 11    | C   | 51    | A   | 91    | B   | 131   | B   | 171   | C   |
| 12    | B   | 52    | D   | 92    | B   | 132   | C   | 172   | C   |
| 13    | B   | 53    | B   | 93    | B   | 133   | D   | 173   | A   |
| 14    | A   | 54    | C   | 94    | B   | 134   | B   | 174   | A   |
| 15    | C   | 55    | A   | 95    | B   | 135   | B   | 175   | B   |
| 16    | A   | 56    | B   | 96    | A   | 136   | A   | 176   | B   |
| 17    | A   | 57    | C   | 97    | B   | 137   | D   | 177   | D   |
| 18    | A   | 58    | B   | 98    | C   | 138   | A   | 178   | C   |
| 19    | A   | 59    | D   | 99    | D   | 139   | B   | 179   | C   |
| 20    | C   | 60    | C   | 100   | B   | 140   | B   | 180   | D   |
| 21    | C   | 61    | A   | 101   | C   | 141   | C   | 181   | B   |
| 22    | B   | 62    | D   | 102   | A   | 142   | A   | 182   | A   |
| 23    | B   | 63    | C   | 103   | D   | 143   | A   | 183   | D   |
| 24    | B   | 64    | D   | 104   | A   | 144   | C   | 184   | C   |
| 25    | D   | 65    | B   | 105   | C   | 145   | B   | 185   | D   |
| 26    | C   | 66    | D   | 106   | B   | 146   | C   | 186   | B   |
| 27    | A   | 67    | A   | 107   | C   | 147   | D   | 187   | C   |
| 28    | B   | 68    | C   | 108   | C   | 148   | C   | 188   | C   |
| 29    | C   | 69    | A   | 109   | B   | 149   | D   | 189   | B   |
| 30    | C   | 70    | A   | 110   | C   | 150   | A   | 190   | D   |
| 31    | A   | 71    | A   | 111   | A   | 151   | C   | 191   | C   |
| 32    | C   | 72    | B   | 112   | A   | 152   | B   | 192   | C   |
| 33    | C   | 73    | A   | 113   | A   | 153   | D   | 193   | A   |
| 34    | A   | 74    | C   | 114   | B   | 154   | C   | 194   | C   |
| 35    | B   | 75    | D   | 115   | D   | 155   | A   | 195   | A   |
| 36    | A   | 76    | D   | 116   | D   | 156   | B   | 196   | A   |
| 37    | C   | 77    | C   | 117   | C   | 157   | D   | 197   | A   |
| 38    | A   | 78    | C   | 118   | B   | 158   | A   | 198   | B   |
| 39    | C   | 79    | B   | 119   | A   | 159   | A   | 199   | B   |
| 40    | B   | 80    | A   | 120   | C   | 160   | B/D | 200   | C   |

## TAMIL NADU PUBLIC SERVICE COMMISSION

COMBINED ENGINEERING SERVICES EXAMINATION IN VARIOUS DEPARTMENTS / SERVICES,  
2012-2013, 2015-2016 AND 2016-2017

Subject Code: 261 (QB Code: CECVE/18)

DOE: 24.02.2018 FN

Subject Name: CIVIL ENGINEERING

Marks: 300

VERSION KEY - C

| S.No. | Key | S.No. | Key | S.No. | Key | S.No. | Key | S.No. | Key |
|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|
| 1     | A   | 41    | D   | 81    | A   | 121   | A   | 161   | C   |
| 2     | C   | 42    | C   | 82    | B/D | 122   | C   | 162   | B   |
| 3     | D   | 43    | B   | 83    | A   | 123   | B   | 163   | A   |
| 4     | D   | 44    | B   | 84    | C   | 124   | B   | 164   | B   |
| 5     | C   | 45    | B   | 85    | C   | 125   | B   | 165   | C   |
| 6     | A   | 46    | B   | 86    | C   | 126   | C   | 166   | D   |
| 7     | A   | 47    | B   | 87    | B   | 127   | A   | 167   | B   |
| 8     | A   | 48    | A   | 88    | C   | 128   | A   | 168   | B   |
| 9     | A   | 49    | A   | 89    | C   | 129   | D   | 169   | A   |
| 10    | C   | 50    | D   | 90    | C   | 130   | B   | 170   | C   |
| 11    | B   | 51    | A   | 91    | C   | 131   | C   | 171   | B   |
| 12    | C   | 52    | C   | 92    | D   | 132   | A   | 172   | C   |
| 13    | C   | 53    | B   | 93    | B   | 133   | D   | 173   | D   |
| 14    | A   | 54    | C   | 94    | A   | 134   | C   | 174   | C   |
| 15    | C   | 55    | C   | 95    | D   | 135   | D   | 175   | A   |
| 16    | C   | 56    | D   | 96    | C   | 136   | B   | 176   | B   |
| 17    | A   | 57    | D   | 97    | C   | 137   | A   | 177   | D   |
| 18    | B   | 58    | C   | 98    | A   | 138   | B   | 178   | A   |
| 19    | C   | 59    | B   | 99    | C   | 139   | A   | 179   | B   |
| 20    | B   | 60    | A   | 100   | A   | 140   | C   | 180   | B   |
| 21    | B   | 61    | C   | 101   | D   | 141   | C   | 181   | D   |
| 22    | D   | 62    | B   | 102   | D   | 142   | A   | 182   | B   |
| 23    | A   | 63    | A   | 103   | D   | 143   | A   | 183   | C   |
| 24    | A   | 64    | D   | 104   | C   | 144   | C   | 184   | A   |
| 25    | B   | 65    | A   | 105   | A   | 145   | B   | 185   | A   |
| 26    | C   | 66    | B   | 106   | C   | 146   | B   | 186   | B   |
| 27    | B   | 67    | C   | 107   | C   | 147   | A   | 187   | B   |
| 28    | D   | 68    | A   | 108   | B   | 148   | C   | 188   | D   |
| 29    | C   | 69    | D   | 109   | B   | 149   | B   | 189   | A   |
| 30    | D   | 70    | A   | 110   | A   | 150   | C   | 190   | A   |
| 31    | A   | 71    | B   | 111   | C   | 151   | D   | 191   | B   |
| 32    | C   | 72    | B   | 112   | B   | 152   | B   | 192   | B   |
| 33    | A   | 73    | C   | 113   | B   | 153   | C   | 193   | C   |
| 34    | A   | 74    | A   | 114   | B   | 154   | B   | 194   | D   |
| 35    | D   | 75    | D   | 115   | D   | 155   | C   | 195   | C   |
| 36    | D   | 76    | A   | 116   | C   | 156   | A   | 196   | D   |
| 37    | C   | 77    | C   | 117   | A   | 157   | A   | 197   | B   |
| 38    | C   | 78    | B   | 118   | B   | 158   | A   | 198   | C   |
| 39    | B   | 79    | D   | 119   | A   | 159   | B   | 199   | C   |
| 40    | A   | 80    | C   | 120   | C   | 160   | A   | 200   | B   |

## TAMIL NADU PUBLIC SERVICE COMMISSION

COMBINED ENGINEERING SERVICES EXAMINATION IN VARIOUS DEPARTMENTS / SERVICES,  
2012-2013, 2015-2016 AND 2016-2017Subject Code: 261 (QB Code: CECVE/18)  
Subject Name: CIVIL ENGINEERING

DOE: 24.02.2018 FN

Marks: 300

VERSION KEY - D



| S.No. | Key | S.No. | Key | S.No. | Key | S.No. | Key | S.No. | Key |
|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|
| 1     | C   | 41    | C   | 81    | B   | 121   | A   | 161   | D   |
| 2     | A   | 42    | C   | 82    | C   | 122   | C   | 162   | C   |
| 3     | A   | 43    | C   | 83    | A   | 123   | B   | 163   | D   |
| 4     | A   | 44    | D   | 84    | C   | 124   | C   | 164   | B   |
| 5     | A   | 45    | B   | 85    | B   | 125   | C   | 165   | B   |
| 6     | C   | 46    | A   | 86    | C   | 126   | B   | 166   | C   |
| 7     | B   | 47    | D   | 87    | D   | 127   | A   | 167   | A   |
| 8     | C   | 48    | D   | 88    | C   | 128   | D   | 168   | A   |
| 9     | B   | 49    | D   | 89    | A   | 129   | A   | 169   | A   |
| 10    | B   | 50    | C   | 90    | A   | 130   | B   | 170   | B   |
| 11    | D   | 51    | A   | 91    | B   | 131   | C   | 171   | C   |
| 12    | A   | 52    | B   | 92    | B   | 132   | D   | 172   | A   |
| 13    | D   | 53    | C   | 93    | C   | 133   | A   | 173   | A   |
| 14    | A   | 54    | A   | 94    | A   | 134   | C   | 174   | C   |
| 15    | C   | 55    | A   | 95    | C   | 135   | B   | 175   | B   |
| 16    | A   | 56    | D   | 96    | D   | 136   | D   | 176   | B   |
| 17    | A   | 57    | B   | 97    | D   | 137   | C   | 177   | A   |
| 18    | B   | 58    | C   | 98    | B   | 138   | D   | 178   | C   |
| 19    | B   | 59    | C   | 99    | C   | 139   | C   | 179   | A   |
| 20    | B   | 60    | B   | 100   | C   | 140   | C   | 180   | B   |
| 21    | B   | 61    | B   | 101   | A   | 141   | A   | 181   | C   |
| 22    | B   | 62    | B   | 102   | C   | 142   | C   | 182   | D   |
| 23    | A   | 63    | D   | 103   | C   | 143   | A   | 183   | B   |
| 24    | A   | 64    | C   | 104   | A   | 144   | C   | 184   | B   |
| 25    | D   | 65    | A   | 105   | D   | 145   | B   | 185   | A   |
| 26    | A   | 66    | A   | 106   | D   | 146   | C   | 186   | B   |
| 27    | B   | 67    | B   | 107   | C   | 147   | C   | 187   | D   |
| 28    | B   | 68    | A   | 108   | C   | 148   | C   | 188   | A   |
| 29    | C   | 69    | C   | 109   | B   | 149   | C   | 189   | D   |
| 30    | A   | 70    | B   | 110   | A   | 150   | B   | 190   | C   |
| 31    | D   | 71    | C   | 111   | D   | 151   | B   | 191   | D   |
| 32    | D   | 72    | D   | 112   | C   | 152   | A   | 192   | B   |
| 33    | C   | 73    | B   | 113   | A   | 153   | B   | 193   | C   |
| 34    | B   | 74    | C   | 114   | B   | 154   | A   | 194   | C   |
| 35    | A   | 75    | A   | 115   | C   | 155   | C   | 195   | B   |
| 36    | C   | 76    | C   | 116   | B   | 156   | A   | 196   | A   |
| 37    | A   | 77    | B   | 117   | D   | 157   | C   | 197   | A   |
| 38    | B/D | 78    | B   | 118   | C   | 158   | B   | 198   | B   |
| 39    | A   | 79    | B   | 119   | A   | 159   | B   | 199   | B   |
| 40    | C   | 80    | D   | 120   | D   | 160   | A   | 200   | D   |



TAMIL NADU PUBLIC SERVICE COMMISSION

COMBINED ENGINEERING SERVICES EXAMINATION IN VARIOUS DEPARTMENTS / SERVICES,  
2012-2013, 2015-2016 AND 2016-2017

Subject Code: 259 (QB Code: CEELE/18)

DOE: 24.02.2018 FN

Subject Name: ELECTRICAL ENGINEERING

Marks: 300

VERSION KEY - A



| S.No. | Key | S.No. | Key | S.No. | Key | S.No. | Key | S.No. | Key     |
|-------|-----|-------|-----|-------|-----|-------|-----|-------|---------|
| 1     | A   | 41    | D   | 81    | A   | 121   | C   | 161   | B       |
| 2     | B   | 42    | D   | 82    | A   | 122   | B   | 162   | A       |
| 3     | B   | 43    | A   | 83    | D   | 123   | C   | 163   | B       |
| 4     | C   | 44    | A   | 84    | B   | 124   | A   | 164   | B       |
| 5     | C   | 45    | A   | 85    | A   | 125   | C   | 165   | C       |
| 6     | C   | 46    | A   | 86    | B   | 126   | B   | 166   | B       |
| 7     | B   | 47    | A   | 87    | D   | 127   | C   | 167   | B       |
| 8     | D   | 48    | B   | 88    | A   | 128   | A   | 168   | B       |
| 9     | A   | 49    | D   | 89    | B   | 129   | D   | 169   | ALL     |
| 10    | D   | 50    | D   | 90    | D   | 130   | A   | 170   | A       |
| 11    | B   | 51    | B   | 91    | A   | 131   | C   | 171   | A       |
| 12    | A   | 52    | D   | 92    | C   | 132   | A   | 172   | D       |
| 13    | B   | 53    | C   | 93    | B   | 133   | A   | 173   | C       |
| 14    | C   | 54    | D   | 94    | B   | 134   | A   | 174   | A       |
| 15    | C   | 55    | C   | 95    | B   | 135   | C   | 175   | A       |
| 16    | A   | 56    | A   | 96    | B   | 136   | B   | 176   | A       |
| 17    | C   | 57    | D   | 97    | B   | 137   | C   | 177   | C       |
| 18    | B   | 58    | B   | 98    | A   | 138   | C   | 178   | D       |
| 19    | C   | 59    | A   | 99    | B   | 139   | B   | 179   | B       |
| 20    | C   | 60    | A   | 100   | D   | 140   | C   | 180   | D       |
| 21    | A   | 61    | B   | 101   | C   | 141   | B   | 181   | D       |
| 22    | B   | 62    | C   | 102   | C   | 142   | D   | 182   | B       |
| 23    | B   | 63    | D   | 103   | C   | 143   | C   | 183   | B       |
| 24    | C   | 64    | B   | 104   | A   | 144   | A   | 184   | A/B/C/D |
| 25    | C   | 65    | A   | 105   | C   | 145   | B   | 185   | A       |
| 26    | A   | 66    | A   | 106   | A   | 146   | D   | 186   | C       |
| 27    | C   | 67    | D   | 107   | D   | 147   | B   | 187   | D       |
| 28    | C   | 68    | A   | 108   | C   | 148   | D   | 188   | C       |
| 29    | B   | 69    | B   | 109   | D   | 149   | D   | 189   | B       |
| 30    | D   | 70    | B   | 110   | D   | 150   | B   | 190   | A       |
| 31    | B   | 71    | D   | 111   | B   | 151   | C   | 191   | A       |
| 32    | A   | 72    | B   | 112   | A   | 152   | D   | 192   | A       |
| 33    | C   | 73    | D   | 113   | C   | 153   | A   | 193   | D       |
| 34    | B   | 74    | B   | 114   | ALL | 154   | A   | 194   | B       |
| 35    | D   | 75    | B   | 115   | D   | 155   | B   | 195   | C       |
| 36    | A   | 76    | B   | 116   | D   | 156   | D   | 196   | A       |
| 37    | C   | 77    | B   | 117   | C   | 157   | A   | 197   | B       |
| 38    | D   | 78    | B   | 118   | B   | 158   | B   | 198   | A       |
| 39    | A   | 79    | A   | 119   | D   | 159   | B   | 199   | B       |
| 40    | A   | 80    | B   | 120   | C   | 160   | A   | 200   | B       |

## TAMIL NADU PUBLIC SERVICE COMMISSION

COMBINED ENGINEERING SERVICES EXAMINATION IN VARIOUS DEPARTMENTS / SERVICES,  
2012-2013, 2015-2016 AND 2016-2017

Subject Code: 259 (QB Code: CEELE/18)

DOE: 24.02.2018 FN

Subject Name: ELECTRICAL ENGINEERING

Marks: 300

VERSION KEY - B

| S.No. | Key | S.No. | Key | S.No. | Key | S.No. | Key | S.No. | Key     |
|-------|-----|-------|-----|-------|-----|-------|-----|-------|---------|
| 1     | C   | 41    | D   | 81    | B   | 121   | A   | 161   | C       |
| 2     | C   | 42    | A   | 82    | B   | 122   | A   | 162   | B       |
| 3     | B   | 43    | B   | 83    | ALL | 123   | A   | 163   | C       |
| 4     | D   | 44    | B   | 84    | A   | 124   | D   | 164   | B       |
| 5     | C   | 45    | A   | 85    | C   | 125   | C   | 165   | C       |
| 6     | A   | 46    | B   | 86    | D   | 126   | D   | 166   | C       |
| 7     | C   | 47    | D   | 87    | B   | 127   | C   | 167   | B       |
| 8     | B   | 48    | A   | 88    | D   | 128   | A   | 168   | B       |
| 9     | C   | 49    | C   | 89    | D   | 129   | D   | 169   | D       |
| 10    | A   | 50    | A   | 90    | C   | 130   | A   | 170   | B       |
| 11    | C   | 51    | D   | 91    | B   | 131   | A   | 171   | D       |
| 12    | C   | 52    | C   | 92    | A   | 132   | D   | 172   | D       |
| 13    | B   | 53    | D   | 93    | A   | 133   | A   | 173   | B       |
| 14    | D   | 54    | D   | 94    | A   | 134   | B   | 174   | D       |
| 15    | A   | 55    | C   | 95    | D   | 135   | B   | 175   | A       |
| 16    | C   | 56    | B   | 96    | A   | 136   | B   | 176   | B       |
| 17    | D   | 57    | D   | 97    | B   | 137   | B   | 177   | B       |
| 18    | A   | 58    | C   | 98    | B   | 138   | B   | 178   | A       |
| 19    | A   | 59    | C   | 99    | C   | 139   | A   | 179   | B       |
| 20    | B   | 60    | A   | 100   | A   | 140   | B   | 180   | A       |
| 21    | D   | 61    | D   | 101   | D   | 141   | A   | 181   | B       |
| 22    | D   | 62    | A   | 102   | B   | 142   | B   | 182   | A       |
| 23    | B   | 63    | C   | 103   | A   | 143   | D   | 183   | A       |
| 24    | B   | 64    | A   | 104   | B   | 144   | A   | 184   | D       |
| 25    | A   | 65    | A   | 105   | C   | 145   | C   | 185   | C       |
| 26    | A   | 66    | A   | 106   | C   | 146   | B   | 186   | A       |
| 27    | B   | 67    | C   | 107   | C   | 147   | B   | 187   | A       |
| 28    | C   | 68    | C   | 108   | A   | 148   | B   | 188   | B       |
| 29    | D   | 69    | B   | 109   | B   | 149   | C   | 189   | C       |
| 30    | B   | 70    | D   | 110   | B   | 150   | C   | 190   | A       |
| 31    | B   | 71    | C   | 111   | C   | 151   | C   | 191   | B       |
| 32    | D   | 72    | A   | 112   | D   | 152   | B   | 192   | A       |
| 33    | B   | 73    | C   | 113   | B   | 153   | A   | 193   | B       |
| 34    | D   | 74    | D   | 114   | A   | 154   | C   | 194   | B       |
| 35    | B   | 75    | A   | 115   | C   | 155   | ALL | 195   | B       |
| 36    | A   | 76    | A   | 116   | B   | 156   | D   | 196   | B       |
| 37    | D   | 77    | B   | 117   | A   | 157   | D   | 197   | A/B/C/D |
| 38    | B   | 78    | B   | 118   | A   | 158   | B   | 198   | A       |
| 39    | A   | 79    | C   | 119   | D   | 159   | C   | 199   | C       |
| 40    | B   | 80    | B   | 120   | D   | 160   | A   | 200   | D       |

## TAMIL NADU PUBLIC SERVICE COMMISSION

COMBINED ENGINEERING SERVICES EXAMINATION IN VARIOUS DEPARTMENTS / SERVICES,  
2012-2013, 2015-2016 AND 2016-2017

Subject Code: 259 (QB Code: CEELE/18)

DOE: 24.02.2018 FN

Subject Name: ELECTRICAL ENGINEERING

Marks: 300

VERSION KEY - C



| S.No. | Key | S.No. | Key | S.No. | Key | S.No. | Key | S.No. | Key     |
|-------|-----|-------|-----|-------|-----|-------|-----|-------|---------|
| 1     | C   | 41    | A   | 81    | ALL | 121   | D   | 161   | D       |
| 2     | A   | 42    | B   | 82    | D   | 122   | B   | 162   | C       |
| 3     | C   | 43    | A   | 83    | D   | 123   | B   | 163   | D       |
| 4     | B   | 44    | C   | 84    | B   | 124   | B   | 164   | C       |
| 5     | D   | 45    | D   | 85    | C   | 125   | A   | 165   | A       |
| 6     | A   | 46    | B   | 86    | C   | 126   | B   | 166   | D       |
| 7     | C   | 47    | D   | 87    | B   | 127   | D   | 167   | B       |
| 8     | D   | 48    | D   | 88    | D   | 128   | C   | 168   | B       |
| 9     | B   | 49    | A   | 89    | A   | 129   | B   | 169   | B       |
| 10    | A   | 50    | B   | 90    | B   | 130   | D   | 170   | B       |
| 11    | A   | 51    | B   | 91    | B   | 131   | C   | 171   | A       |
| 12    | B   | 52    | C   | 92    | A   | 132   | C   | 172   | B       |
| 13    | C   | 53    | C   | 93    | B   | 133   | C   | 173   | A       |
| 14    | D   | 54    | C   | 94    | A   | 134   | B   | 174   | C       |
| 15    | B   | 55    | A   | 95    | B   | 135   | D   | 175   | C       |
| 16    | A   | 56    | B   | 96    | B   | 136   | C   | 176   | C       |
| 17    | D   | 57    | B   | 97    | C   | 137   | A   | 177   | B       |
| 18    | B   | 58    | C   | 98    | A   | 138   | B   | 178   | C       |
| 19    | A   | 59    | A   | 99    | B   | 139   | C   | 179   | A       |
| 20    | B   | 60    | A   | 100   | A   | 140   | B   | 180   | C       |
| 21    | D   | 61    | D   | 101   | B   | 141   | B   | 181   | B       |
| 22    | A   | 62    | D   | 102   | B   | 142   | B   | 182   | C       |
| 23    | A   | 63    | A   | 103   | C   | 143   | ALL | 183   | B       |
| 24    | C   | 64    | A   | 104   | C   | 144   | C   | 184   | D       |
| 25    | A   | 65    | A   | 105   | B   | 145   | B   | 185   | B       |
| 26    | D   | 66    | A   | 106   | D   | 146   | A   | 186   | D       |
| 27    | C   | 67    | A   | 107   | C   | 147   | A   | 187   | D       |
| 28    | D   | 68    | D   | 108   | A   | 148   | A   | 188   | B       |
| 29    | D   | 69    | A   | 109   | C   | 149   | D   | 189   | B       |
| 30    | A   | 70    | B   | 110   | C   | 150   | A   | 190   | B       |
| 31    | D   | 71    | B   | 111   | B   | 151   | D   | 191   | A/B/C/D |
| 32    | A   | 72    | D   | 112   | A   | 152   | B   | 192   | A       |
| 33    | C   | 73    | A   | 113   | A   | 153   | A   | 193   | C       |
| 34    | A   | 74    | C   | 114   | B   | 154   | B   | 194   | D       |
| 35    | A   | 75    | B   | 115   | D   | 155   | C   | 195   | A       |
| 36    | A   | 76    | B   | 116   | D   | 156   | D   | 196   | A       |
| 37    | C   | 77    | B   | 117   | B   | 157   | B   | 197   | D       |
| 38    | C   | 78    | B   | 118   | B   | 158   | A   | 198   | C       |
| 39    | D   | 79    | A   | 119   | D   | 159   | C   | 199   | A       |
| 40    | A   | 80    | C   | 120   | B   | 160   | B   | 200   | A       |

TAMIL NADU PUBLIC SERVICE COMMISSION

COMBINED ENGINEERING SERVICES EXAMINATION IN VARIOUS DEPARTMENTS / SERVICES,  
2012-2013, 2015-2016 AND 2016-2017

Subject Code: 259 (QB Code: CEELE/18)  
Subject Name: ELECTRICAL ENGINEERING

DOE: 24.02.2018 FN  
Marks: 300

VERSION KEY - D



| S.No. | Key | S.No. | Key | S.No. | Key     | S.No. | Key | S.No. | Key |
|-------|-----|-------|-----|-------|---------|-------|-----|-------|-----|
| 1     | D   | 41    | D   | 81    | B       | 121   | C   | 161   | D   |
| 2     | A   | 42    | D   | 82    | B       | 122   | D   | 162   | B   |
| 3     | C   | 43    | D   | 83    | C       | 123   | D   | 163   | C   |
| 4     | D   | 44    | A   | 84    | A       | 124   | A   | 164   | B   |
| 5     | A   | 45    | B   | 85    | C       | 125   | B   | 165   | D   |
| 6     | D   | 46    | B   | 86    | B       | 126   | B   | 166   | C   |
| 7     | B   | 47    | A   | 87    | C       | 127   | C   | 167   | C   |
| 8     | A   | 48    | B   | 88    | B       | 128   | A   | 168   | A   |
| 9     | B   | 49    | A   | 89    | B       | 129   | A   | 169   | D   |
| 10    | D   | 50    | B   | 90    | B       | 130   | D   | 170   | B   |
| 11    | A   | 51    | C   | 91    | B       | 131   | D   | 171   | A   |
| 12    | A   | 52    | C   | 92    | A       | 132   | A   | 172   | B   |
| 13    | D   | 53    | B   | 93    | B       | 133   | A   | 173   | C   |
| 14    | A   | 54    | D   | 94    | A       | 134   | A   | 174   | B   |
| 15    | C   | 55    | B   | 95    | B       | 135   | B   | 175   | C   |
| 16    | A   | 56    | B   | 96    | B       | 136   | D   | 176   | B   |
| 17    | A   | 57    | A   | 97    | A/B/C/D | 137   | A   | 177   | B   |
| 18    | A   | 58    | B   | 98    | A       | 138   | C   | 178   | B   |
| 19    | C   | 59    | D   | 99    | C       | 139   | B   | 179   | ALL |
| 20    | A   | 60    | A   | 100   | D       | 140   | B   | 180   | D   |
| 21    | C   | 61    | A   | 101   | C       | 141   | B   | 181   | C   |
| 22    | D   | 62    | B   | 102   | A       | 142   | B   | 182   | D   |
| 23    | B   | 63    | D   | 103   | C       | 143   | C   | 183   | C   |
| 24    | D   | 64    | D   | 104   | B       | 144   | A   | 184   | A   |
| 25    | D   | 65    | B   | 105   | B       | 145   | B   | 185   | D   |
| 26    | A   | 66    | C   | 106   | A       | 146   | A   | 186   | C   |
| 27    | A   | 67    | B   | 107   | A       | 147   | B   | 187   | C   |
| 28    | D   | 68    | D   | 108   | B       | 148   | B   | 188   | C   |
| 29    | A   | 69    | C   | 109   | C       | 149   | B   | 189   | A   |
| 30    | B   | 70    | A   | 110   | D       | 150   | C   | 190   | A   |
| 31    | C   | 71    | C   | 111   | B       | 151   | C   | 191   | D   |
| 32    | C   | 72    | B   | 112   | C       | 152   | B   | 192   | C   |
| 33    | A   | 73    | A   | 113   | D       | 153   | C   | 193   | A   |
| 34    | B   | 74    | A   | 114   | A       | 154   | A   | 194   | A   |
| 35    | B   | 75    | A   | 115   | A       | 155   | C   | 195   | B   |
| 36    | C   | 76    | D   | 116   | B       | 156   | C   | 196   | D   |
| 37    | B   | 77    | D   | 117   | A       | 157   | B   | 197   | B   |
| 38    | A   | 78    | B   | 118   | C       | 158   | B   | 198   | D   |
| 39    | C   | 79    | A   | 119   | A       | 159   | D   | 199   | D   |
| 40    | ALL | 80    | C   | 120   | D       | 160   | B   | 200   | B   |

## TAMIL NADU PUBLIC SERVICE COMMISSION

COMBINED ENGINEERING SERVICES EXAMINATION IN VARIOUS DEPARTMENTS / SERVICES,  
2012-2013, 2015-2016 AND 2016-2017

Subject Code: 256 (QB Code: CEMPM/18)

DOE: 24.02.2018 FN

Subject Name: MECHANICAL/PRODUCTION/MANUFACTURING ENGINEERING Marks: 300

VERSION KEY - A

B

| S.No. | Key     | S.No. | Key | S.No. | Key | S.No. | Key | S.No. | Key |
|-------|---------|-------|-----|-------|-----|-------|-----|-------|-----|
| 1     | A       | 41    | A   | 81    | D   | 121   | B   | 161   | C   |
| 2     | A       | 42    | A   | 82    | C   | 122   | A   | 162   | A   |
| 3     | B       | 43    | D   | 83    | A   | 123   | B   | 163   | C   |
| 4     | C       | 44    | A   | 84    | C   | 124   | A   | 164   | B   |
| 5     | D       | 45    | C   | 85    | B   | 125   | B/C | 165   | C   |
| 6     | A/B/C/D | 46    | C   | 86    | C   | 126   | B   | 166   | A   |
| 7     | C       | 47    | A   | 87    | B   | 127   | D   | 167   | D   |
| 8     | D       | 48    | B   | 88    | D   | 128   | C   | 168   | A   |
| 9     | D       | 49    | B   | 89    | C   | 129   | D   | 169   | D   |
| 10    | A       | 50    | A   | 90    | A   | 130   | B   | 170   | C   |
| 11    | C       | 51    | B   | 91    | C   | 131   | D   | 171   | B   |
| 12    | B       | 52    | D   | 92    | B   | 132   | C   | 172   | C   |
| 13    | D       | 53    | A   | 93    | A   | 133   | A   | 173   | D   |
| 14    | A       | 54    | D   | 94    | B   | 134   | A   | 174   | A   |
| 15    | D       | 55    | B/C | 95    | C   | 135   | D   | 175   | A/D |
| 16    | C       | 56    | B   | 96    | A   | 136   | B   | 176   | D   |
| 17    | A       | 57    | A   | 97    | A   | 137   | ALL | 177   | B   |
| 18    | B       | 58    | A   | 98    | D   | 138   | B/C | 178   | C   |
| 19    | B       | 59    | C   | 99    | C   | 139   | B   | 179   | D   |
| 20    | B       | 60    | D   | 100   | D   | 140   | B   | 180   | B   |
| 21    | B       | 61    | B   | 101   | C   | 141   | B   | 181   | D   |
| 22    | C       | 62    | D   | 102   | ALL | 142   | B   | 182   | D   |
| 23    | D       | 63    | D   | 103   | A   | 143   | A   | 183   | A   |
| 24    | B       | 64    | C   | 104   | D   | 144   | A   | 184   | B   |
| 25    | A       | 65    | ALL | 105   | C   | 145   | B   | 185   | B   |
| 26    | D       | 66    | C   | 106   | B   | 146   | C   | 186   | A   |
| 27    | C       | 67    | B   | 107   | B   | 147   | A   | 187   | C   |
| 28    | C       | 68    | A   | 108   | C   | 148   | D   | 188   | C   |
| 29    | A       | 69    | C   | 109   | C   | 149   | A   | 189   | B   |
| 30    | B       | 70    | D   | 110   | B   | 150   | A   | 190   | D   |
| 31    | D       | 71    | B   | 111   | D   | 151   | D   | 191   | D   |
| 32    | B       | 72    | D   | 112   | A   | 152   | C   | 192   | C   |
| 33    | C       | 73    | D   | 113   | C   | 153   | A   | 193   | A   |
| 34    | B       | 74    | C   | 114   | A   | 154   | A   | 194   | A   |
| 35    | A       | 75    | C   | 115   | B   | 155   | A   | 195   | A   |
| 36    | B       | 76    | C   | 116   | A   | 156   | D   | 196   | B   |
| 37    | C       | 77    | A   | 117   | C   | 157   | B   | 197   | B   |
| 38    | C       | 78    | C   | 118   | D   | 158   | B   | 198   | B   |
| 39    | A       | 79    | A   | 119   | C   | 159   | C   | 199   | C   |
| 40    | C       | 80    | B   | 120   | A   | 160   | C   | 200   | C   |

TAMIL NADU PUBLIC SERVICE COMMISSION

COMBINED ENGINEERING SERVICES EXAMINATION IN VARIOUS DEPARTMENTS / SERVICES,  
2012-2013, 2015-2016 AND 2016-2017

Subject Code: 256 (QB Code: CEMPM/18)

DOE: 24.02.2018 FN

Subject Name: MECHANICAL/PRODUCTION/MANUFACTURING ENGINEERING Marks: 300

VERSION KEY - B

8

| S.No. | Key | S.No. | Key | S.No. | Key     | S.No. | Key | S.No. | Key |
|-------|-----|-------|-----|-------|---------|-------|-----|-------|-----|
| 1     | C   | 41    | C   | 81    | B       | 121   | C   | 161   | B   |
| 2     | D   | 42    | B   | 82    | C       | 122   | A   | 162   | A   |
| 3     | D   | 43    | C   | 83    | A       | 123   | A   | 163   | D   |
| 4     | A   | 44    | B   | 84    | C       | 124   | A   | 164   | B   |
| 5     | C   | 45    | A   | 85    | D       | 125   | B   | 165   | D   |
| 6     | B   | 46    | D   | 86    | A       | 126   | D   | 166   | C   |
| 7     | B   | 47    | C   | 87    | A/D     | 127   | A   | 167   | A   |
| 8     | B   | 48    | D   | 88    | D       | 128   | D   | 168   | A   |
| 9     | B   | 49    | C   | 89    | B       | 129   | B/C | 169   | B   |
| 10    | C   | 50    | ALL | 90    | D       | 130   | D   | 170   | A   |
| 11    | D   | 51    | A   | 91    | A       | 131   | D   | 171   | A   |
| 12    | B   | 52    | D   | 92    | B       | 132   | C   | 172   | B   |
| 13    | D   | 53    | B   | 93    | B       | 133   | ALL | 173   | C   |
| 14    | B   | 54    | D   | 94    | A       | 134   | C   | 174   | A   |
| 15    | C   | 55    | A   | 95    | C       | 135   | B   | 175   | D   |
| 16    | B   | 56    | C   | 96    | A       | 136   | C   | 176   | A   |
| 17    | A   | 57    | A   | 97    | A       | 137   | C   | 177   | D   |
| 18    | B   | 58    | B   | 98    | A       | 138   | C   | 178   | B   |
| 19    | D   | 59    | A   | 99    | B       | 139   | A   | 179   | B   |
| 20    | A   | 60    | B   | 100   | A       | 140   | C   | 180   | C   |
| 21    | C   | 61    | A   | 101   | A       | 141   | A   | 181   | C   |
| 22    | C   | 62    | B/C | 102   | B       | 142   | B   | 182   | C   |
| 23    | A   | 63    | B   | 103   | C       | 143   | C   | 183   | D   |
| 24    | B   | 64    | D   | 104   | D       | 144   | B   | 184   | A   |
| 25    | B   | 65    | C   | 105   | A/B/C/D | 145   | D   | 185   | D   |
| 26    | B   | 66    | D   | 106   | D       | 146   | C   | 186   | C   |
| 27    | A   | 67    | B   | 107   | A       | 147   | A   | 187   | B   |
| 28    | A   | 68    | ALL | 108   | D       | 148   | B   | 188   | C   |
| 29    | C   | 69    | B/C | 109   | C       | 149   | C   | 189   | D   |
| 30    | D   | 70    | B   | 110   | A       | 150   | A   | 190   | B   |
| 31    | B   | 71    | B   | 111   | B       | 151   | A   | 191   | D   |
| 32    | A   | 72    | B   | 112   | A       | 152   | C   | 192   | B   |
| 33    | C   | 73    | A   | 113   | D       | 153   | B   | 193   | B   |
| 34    | D   | 74    | A   | 114   | C       | 154   | B   | 194   | C   |
| 35    | B   | 75    | D   | 115   | C       | 155   | C   | 195   | C   |
| 36    | D   | 76    | C   | 116   | A       | 156   | C   | 196   | C   |
| 37    | D   | 77    | A   | 117   | B       | 157   | C   | 197   | B   |
| 38    | D   | 78    | A   | 118   | C       | 158   | D   | 198   | D   |
| 39    | C   | 79    | A   | 119   | C       | 159   | C   | 199   | D   |
| 40    | A   | 80    | C   | 120   | A       | 160   | A   | 200   | C   |

## TAMIL NADU PUBLIC SERVICE COMMISSION

COMBINED ENGINEERING SERVICES EXAMINATION IN VARIOUS DEPARTMENTS / SERVICES,  
2012-2013, 2015-2016 AND 2016-2017

Subject Code: 256 (QB Code: CEMPM/18)

DOE: 24.02.2018 FN

Subject Name: MECHANICAL/PRODUCTION/MANUFACTURING ENGINEERING Marks: 300

VERSION KEY - C

| S.No. | Key | S.No. | Key     | S.No. | Key | S.No. | Key | S.No. | Key |
|-------|-----|-------|---------|-------|-----|-------|-----|-------|-----|
| 1     | B   | 41    | A       | 81    | B   | 121   | B   | 161   | A   |
| 2     | B   | 42    | D       | 82    | A   | 122   | D   | 162   | A   |
| 3     | B   | 43    | A       | 83    | B   | 123   | C   | 163   | D   |
| 4     | C   | 44    | B       | 84    | A   | 124   | D   | 164   | D   |
| 5     | D   | 45    | B       | 85    | A   | 125   | C   | 165   | C   |
| 6     | B   | 46    | A       | 86    | B   | 126   | ALL | 166   | ALL |
| 7     | D   | 47    | C       | 87    | C   | 127   | A   | 167   | C   |
| 8     | A   | 48    | A       | 88    | A   | 128   | D   | 168   | B   |
| 9     | C   | 49    | A       | 89    | D   | 129   | B   | 169   | C   |
| 10    | C   | 50    | B       | 90    | D   | 130   | A   | 170   | B   |
| 11    | A   | 51    | C       | 91    | A   | 131   | B/C | 171   | D   |
| 12    | B   | 52    | D       | 92    | D   | 132   | B   | 172   | C   |
| 13    | B   | 53    | A/B/C/D | 93    | C   | 133   | D   | 173   | A   |
| 14    | A   | 54    | A       | 94    | B   | 134   | C   | 174   | C   |
| 15    | C   | 55    | D       | 95    | B   | 135   | A   | 175   | B   |
| 16    | D   | 56    | C       | 96    | B   | 136   | A   | 176   | B   |
| 17    | B   | 57    | C       | 97    | C   | 137   | D   | 177   | C   |
| 18    | D   | 58    | A       | 98    | C   | 138   | C   | 178   | C   |
| 19    | D   | 59    | B       | 99    | C   | 139   | A   | 179   | D   |
| 20    | C   | 60    | A       | 100   | D   | 140   | A   | 180   | B   |
| 21    | B   | 61    | B       | 101   | D   | 141   | C   | 181   | D   |
| 22    | A   | 62    | D       | 102   | A   | 142   | D   | 182   | C   |
| 23    | B   | 63    | A       | 103   | C   | 143   | A   | 183   | A   |
| 24    | D   | 64    | D       | 104   | B   | 144   | A/D | 184   | A   |
| 25    | A   | 65    | B/C     | 105   | D   | 145   | D   | 185   | A   |
| 26    | C   | 66    | C       | 106   | B   | 146   | B   | 186   | D   |
| 27    | A   | 67    | C       | 107   | C   | 147   | A   | 187   | B   |
| 28    | B   | 68    | C       | 108   | B   | 148   | A   | 188   | B   |
| 29    | A   | 69    | A       | 109   | A   | 149   | A   | 189   | C   |
| 30    | D   | 70    | C       | 110   | B   | 150   | B   | 190   | C   |
| 31    | B   | 71    | A       | 111   | B   | 151   | D   | 191   | C   |
| 32    | ALL | 72    | B       | 112   | A   | 152   | A   | 192   | C   |
| 33    | B/C | 73    | B       | 113   | A   | 153   | D   | 193   | B   |
| 34    | B   | 74    | C       | 114   | C   | 154   | C   | 194   | D   |
| 35    | B   | 75    | A       | 115   | D   | 155   | A   | 195   | D   |
| 36    | B   | 76    | A       | 116   | B   | 156   | B   | 196   | C   |
| 37    | A   | 77    | C       | 117   | D   | 157   | C   | 197   | C   |
| 38    | C   | 78    | D       | 118   | C   | 158   | C   | 198   | D   |
| 39    | B   | 79    | C       | 119   | A   | 159   | A   | 199   | B   |
| 40    | C   | 80    | A       | 120   | C   | 160   | C   | 200   | D   |

## TAMIL NADU PUBLIC SERVICE COMMISSION

COMBINED ENGINEERING SERVICES EXAMINATION IN VARIOUS DEPARTMENTS / SERVICES,  
2012-2013, 2015-2016 AND 2016-2017

Subject Code: 256 (QB Code: CEMPM/18)

DOE: 24.02.2018 FN

Subject Name: MECHANICAL/PRODUCTION/MANUFACTURING ENGINEERING Marks: 300

VERSION KEY - D

| S.No. | Key   | S.No. | Key   | S.No. | Key | S.No. | Key       | S.No. | Key   |
|-------|-------|-------|-------|-------|-----|-------|-----------|-------|-------|
| 1     | D ✓   | 41    | B ✓   | 81    | A ✓ | 121   | B ✓       | 161   | B ✓   |
| 2     | A ✓   | 42    | A ✓   | 82    | A ✓ | 122   | A ✓       | 162   | A ✓   |
| 3     | C ✓   | 43    | D ✓   | 83    | D ✓ | 123   | A ✓       | 163   | B/C ✓ |
| 4     | C ✓   | 44    | A ✓   | 84    | B ✓ | 124   | A ✓       | 164   | B ✓   |
| 5     | A ✓   | 45    | D ✓   | 85    | D ✓ | 125   | B ✓       | 165   | D ✓   |
| 6     | B ✓   | 46    | C ✓   | 86    | C ✓ | 126   | C ✓       | 166   | C ✓   |
| 7     | B ✓   | 47    | B ✓   | 87    | A ✓ | 127   | D ✓       | 167   | D ✓   |
| 8     | C ✓   | 48    | C ✓   | 88    | A ✓ | 128   | A/B/C/D ✓ | 168   | A ✓   |
| 9     | B ✓   | 49    | D ✓   | 89    | C ✓ | 129   | A ✓       | 169   | D ✓   |
| 10    | A ✓   | 50    | D ✓   | 90    | B ✓ | 130   | B ✓       | 170   | C ✓   |
| 11    | D ✓   | 51    | A ✓   | 91    | D ✓ | 131   | D ✓       | 171   | A ✓   |
| 12    | B ✓   | 52    | C ✓   | 92    | C ✓ | 132   | A ✓       | 172   | B ✓   |
| 13    | ALL ✓ | 53    | B ✓   | 93    | A ✓ | 133   | D ✓       | 173   | C ✓   |
| 14    | B/C ✓ | 54    | D ✓   | 94    | C ✓ | 134   | B/C ✓     | 174   | D ✓   |
| 15    | B ✓   | 55    | C ✓   | 95    | B ✓ | 135   | B ✓       | 175   | A ✓   |
| 16    | B ✓   | 56    | D ✓   | 96    | D ✓ | 136   | C ✓       | 176   | A/D ✓ |
| 17    | B ✓   | 57    | C ✓   | 97    | D ✓ | 137   | A ✓       | 177   | D ✓   |
| 18    | D ✓   | 58    | ALL ✓ | 98    | C ✓ | 138   | A ✓       | 178   | B ✓   |
| 19    | A ✓   | 59    | A ✓   | 99    | B ✓ | 139   | B ✓       | 179   | D ✓   |
| 20    | B ✓   | 60    | D ✓   | 100   | B ✓ | 140   | B ✓       | 180   | D ✓   |
| 21    | B ✓   | 61    | B ✓   | 101   | B ✓ | 141   | C ✓       | 181   | C ✓   |
| 22    | A ✓   | 62    | A ✓   | 102   | C ✓ | 142   | C ✓       | 182   | ALL ✓ |
| 23    | C ✓   | 63    | A ✓   | 103   | D ✓ | 143   | B ✓       | 183   | C ✓   |
| 24    | C ✓   | 64    | C ✓   | 104   | B ✓ | 144   | A ✓       | 184   | B ✓   |
| 25    | C ✓   | 65    | D ✓   | 105   | A ✓ | 145   | A ✓       | 185   | C ✓   |
| 26    | C ✓   | 66    | B ✓   | 106   | C ✓ | 146   | B ✓       | 186   | B ✓   |
| 27    | A ✓   | 67    | A ✓   | 107   | D ✓ | 147   | C ✓       | 187   | B ✓   |
| 28    | C ✓   | 68    | A ✓   | 108   | B ✓ | 148   | A ✓       | 188   | C ✓   |
| 29    | A ✓   | 69    | D ✓   | 109   | D ✓ | 149   | D ✓       | 189   | C ✓   |
| 30    | B ✓   | 70    | C ✓   | 110   | D ✓ | 150   | D ✓       | 190   | C ✓   |
| 31    | A ✓   | 71    | A ✓   | 111   | A ✓ | 151   | B ✓       | 191   | D ✓   |
| 32    | D ✓   | 72    | A ✓   | 112   | C ✓ | 152   | C ✓       | 192   | B ✓   |
| 33    | C ✓   | 73    | A ✓   | 113   | B ✓ | 153   | B ✓       | 193   | D ✓   |
| 34    | C ✓   | 74    | A ✓   | 114   | C ✓ | 154   | A ✓       | 194   | A ✓   |
| 35    | A ✓   | 75    | A ✓   | 115   | A ✓ | 155   | B ✓       | 195   | D ✓   |
| 36    | B ✓   | 76    | B ✓   | 116   | B ✓ | 156   | D ✓       | 196   | B ✓   |
| 37    | C ✓   | 77    | C ✓   | 117   | D ✓ | 157   | C ✓       | 197   | B ✓   |
| 38    | D ✓   | 78    | C ✓   | 118   | A ✓ | 158   | A ✓       | 198   | C ✓   |
| 39    | C ✓   | 79    | A ✓   | 119   | C ✓ | 159   | C ✓       | 199   | C ✓   |
| 40    | A ✓   | 80    | C ✓   | 120   | A ✓ | 160   | B ✓       | 200   | C ✓   |



TAMIL NADU PUBLIC SERVICE COMMISSION

COMBINED ENGINEERING SERVICES EXAMINATION IN VARIOUS DEPARTMENTS / SERVICES,  
2012-2013, 2015-2016 AND 2016-2017

Subject Code: 114 (QB Code: CETET/18)  
Subject Name: TEXTILE ENGINEERING

DOE: 24.02.2018 FN  
Marks: 300

VERSION KEY - A

P

| S.No. | Key   | S.No. | Key     | S.No. | Key   | S.No. | Key     | S.No. | Key   |
|-------|-------|-------|---------|-------|-------|-------|---------|-------|-------|
| 1     | A ✓   | 41    | A/B/C ✓ | 81    | B ✓   | 121   | B ✓     | 161   | B ✓   |
| 2     | ALL ✓ | 42    | C ✓     | 82    | B ✓   | 122   | A ✓     | 162   | B ✓   |
| 3     | A ✓   | 43    | B ✓     | 83    | ALL ✓ | 123   | B ✓     | 163   | C ✓   |
| 4     | C ✓   | 44    | D ✓     | 84    | A ✓   | 124   | B ✓     | 164   | A ✓   |
| 5     | C ✓   | 45    | B ✓     | 85    | B/D ✓ | 125   | A ✓     | 165   | B ✓   |
| 6     | D ✓   | 46    | C/D ✓   | 86    | A ✓   | 126   | D ✓     | 166   | A ✓   |
| 7     | B ✓   | 47    | A ✓     | 87    | A ✓   | 127   | A ✓     | 167   | A ✓   |
| 8     | B ✓   | 48    | B ✓     | 88    | A ✓   | 128   | C ✓     | 168   | D ✓   |
| 9     | B ✓   | 49    | ALL ✓   | 89    | B ✓   | 129   | C ✓     | 169   | A ✓   |
| 10    | B ✓   | 50    | B ✓     | 90    | B ✓   | 130   | A ✓     | 170   | A ✓   |
| 11    | A ✓   | 51    | ALL ✓   | 91    | A ✓   | 131   | D ✓     | 171   | C ✓   |
| 12    | B ✓   | 52    | ALL ✓   | 92    | ALL ✓ | 132   | D ✓     | 172   | B ✓   |
| 13    | A ✓   | 53    | B ✓     | 93    | C ✓   | 133   | A ✓     | 173   | B ✓   |
| 14    | ALL ✓ | 54    | B ✓     | 94    | A ✓   | 134   | B ✓     | 174   | C ✓   |
| 15    | B ✓   | 55    | B ✓     | 95    | ALL ✓ | 135   | A ✓     | 175   | C ✓   |
| 16    | B ✓   | 56    | A ✓     | 96    | A ✓   | 136   | A/B/C ✓ | 176   | B ✓   |
| 17    | A ✓   | 57    | C ✓     | 97    | A ✓   | 137   | A ✓     | 177   | B ✓   |
| 18    | C ✓   | 58    | B ✓     | 98    | D ✓   | 138   | B ✓     | 178   | D ✓   |
| 19    | A ✓   | 59    | D ✓     | 99    | C ✓   | 139   | A ✓     | 179   | D ✓   |
| 20    | C ✓   | 60    | A ✓     | 100   | C ✓   | 140   | B/D ✓   | 180   | C ✓   |
| 21    | A ✓   | 61    | D ✓     | 101   | B ✓   | 141   | A ✓     | 181   | C ✓   |
| 22    | A ✓   | 62    | D ✓     | 102   | C ✓   | 142   | D ✓     | 182   | D ✓   |
| 23    | A ✓   | 63    | D ✓     | 103   | C ✓   | 143   | A ✓     | 183   | C ✓   |
| 24    | A ✓   | 64    | C ✓     | 104   | D ✓   | 144   | C ✓     | 184   | A ✓   |
| 25    | D ✓   | 65    | D ✓     | 105   | C ✓   | 145   | C ✓     | 185   | ALL ✓ |
| 26    | A ✓   | 66    | B ✓     | 106   | C ✓   | 146   | C ✓     | 186   | A ✓   |
| 27    | D ✓   | 67    | D ✓     | 107   | C ✓   | 147   | B ✓     | 187   | A ✓   |
| 28    | A ✓   | 68    | A ✓     | 108   | D ✓   | 148   | D ✓     | 188   | D ✓   |
| 29    | B ✓   | 69    | A ✓     | 109   | B ✓   | 149   | C ✓     | 189   | A ✓   |
| 30    | A/C ✓ | 70    | A ✓     | 110   | C ✓   | 150   | D ✓     | 190   | B ✓   |
| 31    | A ✓   | 71    | A ✓     | 111   | D ✓   | 151   | D ✓     | 191   | D ✓   |
| 32    | A ✓   | 72    | C ✓     | 112   | C ✓   | 152   | D ✓     | 192   | B ✓   |
| 33    | B ✓   | 73    | C ✓     | 113   | D ✓   | 153   | D ✓     | 193   | A ✓   |
| 34    | A/B ✓ | 74    | A ✓     | 114   | B ✓   | 154   | C ✓     | 194   | D ✓   |
| 35    | A ✓   | 75    | D ✓     | 115   | D ✓   | 155   | ALL ✓   | 195   | C ✓   |
| 36    | C ✓   | 76    | A/C ✓   | 116   | B ✓   | 156   | C ✓     | 196   | D ✓   |
| 37    | B ✓   | 77    | B ✓     | 117   | B ✓   | 157   | B ✓     | 197   | B ✓   |
| 38    | B ✓   | 78    | A ✓     | 118   | D ✓   | 158   | B ✓     | 198   | A ✓   |
| 39    | ALL ✓ | 79    | C ✓     | 119   | C ✓   | 159   | B ✓     | 199   | A ✓   |
| 40    | B ✓   | 80    | A ✓     | 120   | ALL ✓ | 160   | D ✓     | 200   | B ✓   |

## TAMIL NADU PUBLIC SERVICE COMMISSION

COMBINED ENGINEERING SERVICES EXAMINATION IN VARIOUS DEPARTMENTS / SERVICES,  
2012-2013, 2015-2016 AND 2016-2017

Subject Code: 114 (QB Code: CETET/18)

DOE: 24.02.2018 FN

Subject Name: TEXTILE ENGINEERING

Marks: 300

## VERSION KEY - B

| S.No. | Key | S.No. | Key | S.No. | Key   | S.No. | Key | S.No. | Key   |
|-------|-----|-------|-----|-------|-------|-------|-----|-------|-------|
| 1     | B   | 41    | ALL | 81    | B     | 121   | C   | 161   | B     |
| 2     | B   | 42    | A   | 82    | C     | 122   | B   | 162   | A     |
| 3     | B   | 43    | B   | 83    | A     | 123   | D   | 163   | D     |
| 4     | B   | 44    | A   | 84    | A     | 124   | ALL | 164   | D     |
| 5     | A   | 45    | ALL | 85    | C     | 125   | ALL | 165   | A     |
| 6     | B   | 46    | C   | 86    | B     | 126   | B   | 166   | B     |
| 7     | A   | 47    | A   | 87    | B     | 127   | B   | 167   | A     |
| 8     | C   | 48    | ALL | 88    | C     | 128   | B   | 168   | A/B/C |
| 9     | A   | 49    | A   | 89    | C     | 129   | D   | 169   | A     |
| 10    | A   | 50    | C   | 90    | C     | 130   | D   | 170   | C     |
| 11    | A   | 51    | D   | 91    | D     | 131   | C   | 171   | C     |
| 12    | A   | 52    | C   | 92    | C     | 132   | D   | 172   | C     |
| 13    | D   | 53    | C   | 93    | A     | 133   | B   | 173   | B     |
| 14    | B   | 54    | C   | 94    | B     | 134   | D   | 174   | D     |
| 15    | A/B | 55    | D   | 95    | D     | 135   | C   | 175   | C     |
| 16    | A   | 56    | B   | 96    | B     | 136   | A   | 176   | ALL   |
| 17    | C   | 57    | B   | 97    | A     | 137   | D   | 177   | C     |
| 18    | B   | 58    | B   | 98    | D     | 138   | A/C | 178   | B     |
| 19    | B   | 59    | D   | 99    | A     | 139   | B   | 179   | B     |
| 20    | B   | 60    | C   | 100   | ALL   | 140   | A   | 180   | B     |
| 21    | C/D | 61    | ALL | 101   | A     | 141   | B/D | 181   | A     |
| 22    | A   | 62    | D   | 102   | C     | 142   | A   | 182   | A     |
| 23    | B   | 63    | A   | 103   | C     | 143   | A   | 183   | D     |
| 24    | ALL | 64    | C   | 104   | D     | 144   | A   | 184   | A     |
| 25    | B   | 65    | C   | 105   | A     | 145   | B   | 185   | C     |
| 26    | A   | 66    | A   | 106   | ALL   | 146   | A   | 186   | B     |
| 27    | C   | 67    | A   | 107   | B     | 147   | D   | 187   | B     |
| 28    | B   | 68    | B   | 108   | B     | 148   | C   | 188   | D     |
| 29    | D   | 69    | A   | 109   | A     | 149   | C   | 189   | D     |
| 30    | A   | 70    | B/D | 110   | C     | 150   | B   | 190   | C     |
| 31    | D   | 71    | A   | 111   | A     | 151   | C   | 191   | D     |
| 32    | A   | 72    | D   | 112   | D     | 152   | C   | 192   | B     |
| 33    | A   | 73    | D   | 113   | A     | 153   | D   | 193   | A     |
| 34    | A   | 74    | C   | 114   | B     | 154   | C   | 194   | A     |
| 35    | A   | 75    | D   | 115   | A/C   | 155   | D   | 195   | B     |
| 36    | C   | 76    | D   | 116   | A     | 156   | B   | 196   | ALL   |
| 37    | C   | 77    | D   | 117   | A     | 157   | D   | 197   | A     |
| 38    | A   | 78    | B   | 118   | ALL   | 158   | B   | 198   | A     |
| 39    | B   | 79    | D   | 119   | B     | 159   | A   | 199   | D     |
| 40    | B   | 80    | B   | 120   | A/B/C | 160   | B   | 200   | A     |

## TAMIL NADU PUBLIC SERVICE COMMISSION

COMBINED ENGINEERING SERVICES EXAMINATION IN VARIOUS DEPARTMENTS / SERVICES,  
2012-2013, 2015-2016 AND 2016-2017

Subject Code: 114 (QB Code: CETET/18)

DOE: 24.02.2018 FN

Subject Name: TEXTILE ENGINEERING

Marks: 300

VERSION KEY - C

| S.No. | Key | S.No. | Key | S.No. | Key | S.No. | Key   | S.No. | Key   |
|-------|-----|-------|-----|-------|-----|-------|-------|-------|-------|
| 1     | A   | 41    | C   | 81    | B   | 121   | ALL   | 161   | D     |
| 2     | C   | 42    | A   | 82    | A   | 122   | A     | 162   | D     |
| 3     | A   | 43    | C   | 83    | A   | 123   | C     | 163   | D     |
| 4     | A   | 44    | C   | 84    | C   | 124   | D     | 164   | C     |
| 5     | A   | 45    | D   | 85    | C   | 125   | C     | 165   | D     |
| 6     | A   | 46    | C   | 86    | C   | 126   | C     | 166   | B     |
| 7     | D   | 47    | A   | 87    | B   | 127   | C     | 167   | D     |
| 8     | B   | 48    | A   | 88    | B   | 128   | D     | 168   | B/D   |
| 9     | C/D | 49    | ALL | 89    | A   | 129   | B     | 169   | A     |
| 10    | A   | 50    | A   | 90    | A   | 130   | D     | 170   | A     |
| 11    | B   | 51    | C   | 91    | D   | 131   | A     | 171   | A     |
| 12    | ALL | 52    | C   | 92    | A   | 132   | C     | 172   | B     |
| 13    | B   | 53    | D   | 93    | C   | 133   | C     | 173   | C     |
| 14    | A   | 54    | A   | 94    | D   | 134   | A     | 174   | D     |
| 15    | A   | 55    | D   | 95    | B   | 135   | D     | 175   | C     |
| 16    | A   | 56    | A   | 96    | A   | 136   | C     | 176   | D     |
| 17    | A   | 57    | B   | 97    | A   | 137   | D     | 177   | B     |
| 18    | C   | 58    | A/C | 98    | B   | 138   | D     | 178   | D     |
| 19    | B   | 59    | A   | 99    | B   | 139   | D     | 179   | D     |
| 20    | A   | 60    | A   | 100   | B   | 140   | A     | 180   | D     |
| 21    | ALL | 61    | ALL | 101   | B   | 141   | C     | 181   | A     |
| 22    | C   | 62    | ALL | 102   | B   | 142   | B     | 182   | B     |
| 23    | A   | 63    | B   | 103   | A   | 143   | B     | 183   | A     |
| 24    | ALL | 64    | B   | 104   | B   | 144   | C     | 184   | A/B/C |
| 25    | A   | 65    | B   | 105   | B   | 145   | B     | 185   | D     |
| 26    | B   | 66    | C   | 106   | A/B | 146   | D     | 186   | C     |
| 27    | B   | 67    | A   | 107   | A   | 147   | B     | 187   | ALL   |
| 28    | D   | 68    | D   | 108   | C   | 148   | A     | 188   | C     |
| 29    | C   | 69    | A/C | 109   | B   | 149   | D     | 189   | B     |
| 30    | ALL | 70    | B   | 110   | B   | 150   | A     | 190   | B     |
| 31    | A   | 71    | A   | 111   | A   | 151   | ALL   | 191   | ALL   |
| 32    | B   | 72    | A   | 112   | C   | 152   | B     | 192   | A     |
| 33    | A   | 73    | D   | 113   | B   | 153   | B     | 193   | A     |
| 34    | B/D | 74    | C   | 114   | D   | 154   | A     | 194   | D     |
| 35    | A   | 75    | C   | 115   | A   | 155   | C     | 195   | A     |
| 36    | D   | 76    | B   | 116   | D   | 156   | ALL   | 196   | C     |
| 37    | B   | 77    | C   | 117   | C   | 157   | B     | 197   | B     |
| 38    | D   | 78    | B   | 118   | A   | 158   | A/B/C | 198   | B     |
| 39    | B   | 79    | A   | 119   | B   | 159   | C     | 199   | D     |
| 40    | B   | 80    | B   | 120   | B   | 160   | B     | 200   | D     |

## TAMIL NADU PUBLIC SERVICE COMMISSION

COMBINED ENGINEERING SERVICES EXAMINATION IN VARIOUS DEPARTMENTS / SERVICES,  
2012-2013, 2015-2016 AND 2016-2017

Subject Code: 114 (QB Code: CETET/18)

DOE: 24.02.2018 FN

Subject Name: TEXTILE ENGINEERING

Marks: 300

VERSION KEY - D

| S.No. | Key | S.No. | Key   | S.No. | Key   | S.No. | Key | S.No. | Key |
|-------|-----|-------|-------|-------|-------|-------|-----|-------|-----|
| 1     | B   | 41    | B     | 81    | B     | 121   | ALL | 161   | A   |
| 2     | C/D | 42    | A     | 82    | D     | 122   | A   | 162   | D   |
| 3     | A   | 43    | B     | 83    | D     | 123   | ALL | 163   | A   |
| 4     | B   | 44    | A     | 84    | D     | 124   | A   | 164   | C   |
| 5     | ALL | 45    | A     | 85    | A     | 125   | C   | 165   | C   |
| 6     | B   | 46    | D     | 86    | B     | 126   | C   | 166   | A   |
| 7     | B   | 47    | A     | 87    | A     | 127   | D   | 167   | A   |
| 8     | A   | 48    | B     | 88    | A/B/C | 128   | ALL | 168   | ALL |
| 9     | ALL | 49    | B     | 89    | B/D   | 129   | ALL | 169   | B   |
| 10    | C   | 50    | B     | 90    | A     | 130   | B   | 170   | B   |
| 11    | A   | 51    | B     | 91    | A     | 131   | B   | 171   | A   |
| 12    | ALL | 52    | A     | 92    | A     | 132   | B   | 172   | C   |
| 13    | A   | 53    | B     | 93    | B     | 133   | A   | 173   | A   |
| 14    | A   | 54    | C     | 94    | ALL   | 134   | D   | 174   | C   |
| 15    | B   | 55    | D     | 95    | A     | 135   | C   | 175   | B   |
| 16    | A   | 56    | C     | 96    | A     | 136   | C   | 176   | B   |
| 17    | B/D | 57    | C     | 97    | D     | 137   | B   | 177   | C   |
| 18    | A   | 58    | C     | 98    | A     | 138   | C   | 178   | D   |
| 19    | D   | 59    | D     | 99    | A     | 139   | C   | 179   | D   |
| 20    | C   | 60    | B     | 100   | C     | 140   | D   | 180   | C   |
| 21    | C   | 61    | A     | 101   | A     | 141   | B   | 181   | D   |
| 22    | D   | 62    | C     | 102   | A     | 142   | A   | 182   | B   |
| 23    | C   | 63    | B     | 103   | A     | 143   | A   | 183   | D   |
| 24    | A   | 64    | D     | 104   | A     | 144   | B   | 184   | C   |
| 25    | C   | 65    | A     | 105   | D     | 145   | A   | 185   | D   |
| 26    | A   | 66    | D     | 106   | A     | 146   | C   | 186   | C   |
| 27    | D   | 67    | D     | 107   | A     | 147   | C   | 187   | D   |
| 28    | A/C | 68    | C     | 108   | A     | 148   | C   | 188   | B   |
| 29    | B   | 69    | D     | 109   | A     | 149   | B   | 189   | D   |
| 30    | A   | 70    | D     | 110   | C     | 150   | B   | 190   | C   |
| 31    | A   | 71    | D     | 111   | B     | 151   | A/B | 191   | B   |
| 32    | D   | 72    | B     | 112   | D     | 152   | A   | 192   | B   |
| 33    | A   | 73    | D     | 113   | B     | 153   | C   | 193   | D   |
| 34    | B   | 74    | B     | 114   | B     | 154   | B   | 194   | D   |
| 35    | A/C | 75    | A     | 115   | C     | 155   | B   | 195   | D   |
| 36    | A   | 76    | D     | 116   | A     | 156   | C   | 196   | C   |
| 37    | A   | 77    | ALL   | 117   | B     | 157   | A   | 197   | ALL |
| 38    | B   | 78    | B     | 118   | B     | 158   | B   | 198   | C   |
| 39    | A   | 79    | A/B/C | 119   | D     | 159   | B   | 199   | B   |
| 40    | B   | 80    | C     | 120   | C     | 160   | ALL | 200   | B   |

TAMIL NADU PUBLIC SERVICE COMMISSION  
COMBINED ENGINEERING SERVICES EXAMINATION IN VARIOUS DEPARTMENTS / SERVICES,  
2012-2013, 2015-2016 AND 2016-2017

Subject Code: 003 (QB Code: CEHGS/18)  
Subject Name: GENERAL STUDIES

DOE: 24.02.2018 AN  
Marks: 200

VERSION KEY - A



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

TAMIL NADU PUBLIC SERVICE COMMISSION

COMBINED ENGINEERING SERVICES EXAMINATION IN VARIOUS DEPARTMENTS / SERVICES,  
2012-2013, 2015-2016 AND 2016-2017

Subject Code: 003 (QB Code: CEHGS/18)

DOE: 24.02.2018 AN

Subject Name: GENERAL STUDIES

Marks: 200

VERSION KEY - B



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

## TAMIL NADU PUBLIC SERVICE COMMISSION

COMBINED ENGINEERING SERVICES EXAMINATION IN VARIOUS DEPARTMENTS / SERVICES,  
2012-2013, 2015-2016 AND 2016-2017

Subject Code: 003 (QB Code: CEHGS/18)

DOE: 24.02.2018 AN

Subject Name: GENERAL STUDIES

Marks: 200

VERSION KEY - C



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

TAMIL NADU PUBLIC SERVICE COMMISSION

COMBINED ENGINEERING SERVICES EXAMINATION IN VARIOUS DEPARTMENTS / SERVICES,  
2012-2013, 2015-2016 AND 2016-2017

Subject Code: 003 (QB Code: CEHGS/18)

DOE: 24.02.2018 AN

Subject Name: GENERAL STUDIES

Marks: 200

VERSION KEY - D



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