



## ANALYSIS OF GATE COMPUTER SCIENCE & IT PREVIOUS PAPERS

| S.No. | UNIT                                 | 2015  |    |       |    |       |    | 2014  |    |       |    |       |    | 2013  |    | 2012  |    | 2011  |    | 2010  |    |
|-------|--------------------------------------|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|
|       |                                      | SET-1 |    | SET-2 |    | SET-3 |    | SET-1 |    | SET-2 |    | SET-3 |    | SET-1 |    | SET-1 |    | SET-1 |    | SET-1 |    |
|       |                                      | 1M    | 2M | 1M    | 2M | 1M    | 2M | 1M    | 2M | 1M    | 2M | 1M    | 2M | 1M    | 2M | 1M    | 2M | 1M    | 2M | 1M    | 2M |
| 1.    | Discrete & Engineering Mathematics   | 4     | 7  | 5     | 8  | 8     | 5  | 6     | 9  | 5     | 8  | 7     | 8  | 6     | 3  | 6     | 5  | —     | 5  | 6     | 8  |
| 2.    | Theory of Computation                | 1     | 2  | 1     | 3  | 2     | —  | 2     | 2  | 2     | 2  | 2     | 2  | 2     | 3  | 4     | 1  | 3     | 3  | 1     | 3  |
| 3.    | Digital Logic                        | 1     | 2  | 1     | 2  | —     | 3  | 2     | 1  | 3     | 1  | 2     | 2  | 3     | —  | 2     | —  | 2     | 2  | 3     | 3  |
| 4.    | Computer Organization & Architecture | 1     | 1  | 1     | 2  | 1     | 2  | 1     | 3  | 1     | 3  | 1     | 2  | 1     | 4  | 2     | 2  | 1     | 5  | 1     | 4  |
| 5.    | Programming & Data Structure         | 3     | 3  | 3     | 2  | 4     | 6  | 3     | 3  | 3     | 3  | 3     | 3  | —     | 3  | 1     | 4  | 2     | 3  | 1     | 5  |
| 6.    | Algorithms                           | 3     | 3  | 3     | 3  | 2     | 3  | 2     | 2  | 2     | 2  | 1     | 3  | 4     | 3  | 3     | 3  | 1     | 3  | 1     | 3  |
| 7.    | Compiler Design                      | 1     | 2  | 2     | 1  | 1     | 1  | 1     | 1  | 2     | 2  | 2     | 1  | 1     | 3  | —     | 2  | 1     | 1  | 2     | 1  |
| 8.    | Operating System                     | 2     | 4  | 2     | 3  | 2     | 2  | 2     | 3  | 1     | 3  | 1     | 3  | 2     | 4  | 1     | 4  | 4     | 1  | 3     | 2  |
| 9.    | Databases                            | 2     | 2  | 2     | 2  | 2     | 2  | 2     | 3  | 2     | 3  | 2     | 3  | —     | 3  | 3     | 5  | 1     | 2  | 2     | 2  |
| 10.   | Computer Networks                    | 4     | 2  | 2     | 3  | 2     | 3  | 2     | 3  | 3     | 2  | 3     | 3  | 3     | 2  | 3     | 3  | 2     | 2  | 2     | 3  |
| 11.   | General Aptitude                     | 5     | 5  | 5     | 5  | 5     | 5  | 5     | 5  | 5     | 5  | 5     | 5  | 5     | 5  | 5     | 5  | 5     | 5  | 5     | 5  |





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| S.No. | UNIT                                 | 2021  |    |       |    | 2020  |    | 2019  |    | 2018  |    | 2017  |    |       |    | 2016  |    |       |    |
|-------|--------------------------------------|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|
|       |                                      | SET-1 |    | SET-2 |    | SET-1 |    | SET-1 |    | SET-1 |    | SET-1 |    | SET-2 |    | SET-1 |    | SET-2 |    |
|       |                                      | 1M    | 2M | 1M    | 2M | 1M    | 2M | 1M    | 2M | 1M    | 2M | 1M    | 2M | 1M    | 2M | 1M    | 2M | 1M    | 2M |
| 1.    | Discrete & Engineering Mathematics   | 5     | 6  | 4     | 7  | 3     | 5  | 6     | 3  | 6     | 5  | 2     | 5  | 7     | 4  | 5     | 4  | 6     | 2  |
| 2.    | Theory of Computation                | 2     | 3  | 2     | 6  | 3     | 3  | 2     | 3  | 2     | 3  | 2     | 4  | 3     | 3  | 3     | 3  | 3     | 4  |
| 3.    | Digital Logic                        | 2     | 2  | 1     | 3  | —     | 2  | 3     | 2  | 2     | 2  | 2     | 1  | 2     | 3  | 3     | 2  | 3     | —  |
| 4.    | Computer Organization & Architecture | 1     | 2  | 2     | 3  | 5     | 3  | 2     | 1  | 3     | 3  | 3     | 4  | 1     | 3  | 1     | 2  | 1     | 5  |
| 5.    | Programming & Data Structure         | 4     | 4  | 5     | 1  | 3     | 2  | 2     | 5  | 4     | 5  | 4     | 5  | 4     | 5  | 3     | 5  | 3     | 6  |
| 6.    | Algorithms                           | 2     | 2  | 3     | 2  | 3     | 5  | 2     | 3  | —     | 3  | 2     | 2  | 2     | 3  | 2     | 3  | 2     | 2  |
| 7.    | Compiler Design                      | 1     | 3  | —     | 2  | 2     | 1  | 2     | 2  | 1     | 2  | 2     | 1  | 2     | 1  | 1     | 2  | 1     | 1  |
| 8.    | Operating System                     | 4     | 1  | 2     | 1  | 2     | 4  | 2     | 4  | 2     | 3  | 2     | 2  | 2     | 2  | 1     | 4  | 1     | 3  |
| 9.    | Databases                            | 3     | 3  | 3     | 3  | 2     | 3  | 2     | 3  | 2     | 2  | 2     | 3  | 2     | 3  | 4     | 1  | 2     | 2  |
| 10.   | Computer Networks                    | 1     | 4  | 3     | 1  | 2     | 2  | 2     | 4  | 3     | 2  | 2     | 3  | 3     | 2  | 2     | 4  | 3     | 4  |
| 11.   | General Aptitude                     | 5     | 5  | 5     | 5  | 5     | 5  | 5     | 5  | 5     | 5  | 5     | 5  | 5     | 5  | 5     | 5  | 5     | 5  |

