

## Graduate Aptitude Test in Engineering (GATE 2021)

## Subject/Paper: Geology and Geophysics (GG - Geology)

| Q. No. | Session | Question Type<br>MCQ/MSQ/NAT | Section<br>Name | Answer<br>Key/Range | Marks | Negative<br>Marks |
|--------|---------|------------------------------|-----------------|---------------------|-------|-------------------|
| 1      | 3       | MCQ                          | GA              | C                   | 1     | 1/3               |
| 2      | 3       | MCQ                          | GA              | C                   | 1     | 1/3               |
| 3      | 3       | MCQ                          | GA              | D                   | 1     | 1/3               |
| 4      | 3       | MCQ                          | GA              | D                   | 1     | 1/3               |
| 5      | 3       | MCQ                          | GA              | C                   | 1     | 1/3               |
| 6      | 3       | MCQ                          | GA              | D                   | 2     | 2/3               |
| 7      | 3       | MCQ                          | GA              | C                   | 2     | 2/3               |
| 8      | 3       | MCQ                          | GA              | D                   | 2     | 2/3               |
| 9      | 3       | MCQ                          | GA              | D                   | 2     | 2/3               |
| 10     | 3       | MCQ                          | GA              | A                   | 2     | 2/3               |
|        |         |                              |                 |                     |       |                   |
| 1      | 3       | MCQ                          | GG - G1         | C                   | 1     | 1/3               |
| 2      | 3       | MCQ                          | GG - G1         | C                   | 1     | 1/3               |
| 3      | 3       | MCQ                          | GG - G1         | B                   | 1     | 1/3               |
| 4      | 3       | MCQ                          | GG - G1         | A                   | 1     | 1/3               |
| 5      | 3       | MCQ                          | GG - G1         | A                   | 1     | 1/3               |
| 6      | 3       | MCQ                          | GG - G1         | C                   | 1     | 1/3               |
| 7      | 3       | MCQ                          | GG - G1         | D                   | 1     | 1/3               |
| 8      | 3       | MCQ                          | GG - G1         | B                   | 1     | 1/3               |
| 9      | 3       | MCQ                          | GG - G1         | B                   | 1     | 1/3               |
| 10     | 3       | MCQ                          | GG - G1         | D                   | 1     | 1/3               |

**GATE 2021 Answer Key for Geology and Geophysics (GG - Geology)**

| <b>Q. No.</b> | <b>Session</b> | <b>Question Type<br/>MCQ/MSQ/NAT</b> | <b>Section<br/>Name</b> | <b>Answer<br/>Key/Range</b>   | <b>Marks</b> | <b>Negative<br/>Marks</b> |
|---------------|----------------|--------------------------------------|-------------------------|-------------------------------|--------------|---------------------------|
| 11            | 3              | MCQ                                  | GG - G1                 | <b>C</b>                      | 1            | 1/3                       |
| 12            | 3              | MCQ                                  | GG - G1                 | <b>A</b>                      | 1            | 1/3                       |
| 13            | 3              | MCQ                                  | GG - G1                 | <b>B</b>                      | 1            | 1/3                       |
| 14            | 3              | MCQ                                  | GG - G1                 | <b>B</b>                      | 1            | 1/3                       |
| 15            | 3              | MCQ                                  | GG - G1                 | <b>B</b>                      | 1            | 1/3                       |
| 16            | 3              | NAT                                  | GG - G1                 | <b>5 to 5</b>                 | 1            | 0                         |
| 17            | 3              | NAT                                  | GG - G1                 | <b>0.25 to 0.25</b>           | 1            | 0                         |
| 18            | 3              | NAT                                  | GG - G1                 | <b>0.08 to 0.08</b>           | 1            | 0                         |
| 19            | 3              | NAT                                  | GG - G1                 | <b>6367.44 to<br/>6367.46</b> | 1            | 0                         |
| 20            | 3              | NAT                                  | GG - G1                 | <b>64.0 to 64.0</b>           | 1            | 0                         |
| 21            | 3              | NAT                                  | GG - G1                 | <b>42.6 to 42.7</b>           | 1            | 0                         |
| 22            | 3              | NAT                                  | GG - G1                 | <b>83.30 to<br/>83.34</b>     | 1            | 0                         |
| 23            | 3              | NAT                                  | GG - G1                 | <b>4 to 4</b>                 | 1            | 0                         |
| 24            | 3              | NAT                                  | GG - G1                 | <b>0.03 to 0.03</b>           | 1            | 0                         |
| 25            | 3              | NAT                                  | GG - G1                 | <b>190.00 to<br/>192.00</b>   | 1            | 0                         |
| 26            | 3              | MCQ                                  | GG - G1                 | <b>A</b>                      | 2            | 2/3                       |
| 27            | 3              | MCQ                                  | GG - G1                 | <b>C</b>                      | 2            | 2/3                       |
| 28            | 3              | MCQ                                  | GG - G1                 | <b>C</b>                      | 2            | 2/3                       |
| 29            | 3              | MCQ                                  | GG - G1                 | <b>A</b>                      | 2            | 2/3                       |
| 30            | 3              | MCQ                                  | GG - G1                 | <b>C</b>                      | 2            | 2/3                       |
| 31            | 3              | MCQ                                  | GG - G1                 | <b>A</b>                      | 2            | 2/3                       |
| 32            | 3              | MCQ                                  | GG - G1                 | <b>C</b>                      | 2            | 2/3                       |
| 33            | 3              | MCQ                                  | GG - G1                 | <b>B</b>                      | 2            | 2/3                       |

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|---------------|----------------|--------------------------------------|-------------------------|-----------------------------|--------------|---------------------------|
| 34            | 3              | MCQ                                  | GG - G1                 | A                           | 2            | 2/3                       |
| 35            | 3              | MCQ                                  | GG - G1                 | D                           | 2            | 2/3                       |
| 36            | 3              | MCQ                                  | GG - G1                 | C                           | 2            | 2/3                       |
| 37            | 3              | MCQ                                  | GG - G1                 | B                           | 2            | 2/3                       |
| 38            | 3              | MCQ                                  | GG - G1                 | A                           | 2            | 2/3                       |
| 39            | 3              | MCQ                                  | GG - G1                 | C                           | 2            | 2/3                       |
| 40            | 3              | MCQ                                  | GG - G1                 | B                           | 2            | 2/3                       |
| 41            | 3              | MCQ                                  | GG - G1                 | C                           | 2            | 2/3                       |
| 42            | 3              | MCQ                                  | GG - G1                 | A                           | 2            | 2/3                       |
| 43            | 3              | NAT                                  | GG - G1                 | 29.9 to 30.1                | 2            | 0                         |
| 44            | 3              | NAT                                  | GG - G1                 | 15 to 15                    | 2            | 0                         |
| 45            | 3              | NAT                                  | GG - G1                 | 17.5 to 17.5                | 2            | 0                         |
| 46            | 3              | NAT                                  | GG - G1                 | 1 to 1                      | 2            | 0                         |
| 47            | 3              | NAT                                  | GG - G1                 | 55 to 55                    | 2            | 0                         |
| 48            | 3              | NAT                                  | GG - G1                 | 20 to 20                    | 2            | 0                         |
| 49            | 3              | NAT                                  | GG - G1                 | 3.8 to 3.8                  | 2            | 0                         |
| 50            | 3              | NAT                                  | GG - G1                 | 1.67 to 1.69                | 2            | 0                         |
| 51            | 3              | NAT                                  | GG - G1                 | 24 to 24                    | 2            | 0                         |
| 52            | 3              | NAT                                  | GG - G1                 | 4.565 to<br>4.567           | 2            | 0                         |
| 53            | 3              | NAT                                  | GG - G1                 | 0.21 to 0.22                | 2            | 0                         |
| 54            | 3              | NAT                                  | GG - G1                 | 1.675 to<br>1.677           | 2            | 0                         |
| 55            | 3              | NAT                                  | GG - G1                 | 7.52 to 7.53                | 2            | 0                         |