|  |  |
| --- | --- |
| EXAM | GATE |
| TEST – ID | ME025010 |
| SECTION | QA |
| MARKS | +2 |
| NEGATIVE MARKS | -2/3 |
| TYPE | MCQ |
| 1 | The bar graph shows the data of students who appeared and passed in an examination for four schools P, Q, R and S.    The average success rates (in percentage) of these four schools is \_\_\_\_\_\_. |
| A | 58.5 % |
| B | 58.8% |
| C | 59.0% |
| D | 59.3 % |
| ANSWER | C |
| SOLUTION | **Greatest Integer Function:** The Greatest Integer function for returns the greatest integer that is less than or equal to x.  **Examples: [2.499999] = 2; [3.5] = 3; [-3.1] = - 4**    The area required for for is |
| DIFFICULTY | EASY |
| VIDEO LINK | https://youtu.be/MktPme253rA |

|  |  |
| --- | --- |
| EXAM | GATE |
| TEST – ID | 02 – 55 - 01 |
| SECTION | ME |
| MARKS | +1 |
| NEGATIVE MARKS | -1/3 |
| TYPE | MCQ |
| 2 | The value of is |
| A | C |
| B | c+1 |
| C |  |
| D |  |
| ANSWER | D |
| SOLUTION | **Greatest Integer Function:** The Greatest Integer function for returns the greatest integer that is less than or equal to x.  **Examples: [2.499999] = 2; [3.5] = 3; [-3.1] = - 4**    The area required for for is |
| DIFFICULTY | MEDIUM |
| VIDEO LINK | https://youtu.be/MktPme253rA |

|  |  |
| --- | --- |
| EXAM | GATE |
| TEST – ID | 02 – 55 - 01 |
| SECTION | ME |
| MARKS | +2 |
| NEGATIVE MARKS | 0 |
| TYPE | NA |
| 3 |  |
| ANSWER | 20 – 22 (RANGE) |
| SOLUTION | **Greatest Integer Function:** The Greatest Integer function for returns the greatest integer that is less than or equal to x.  **Examples: [2.499999] = 2; [3.5] = 3; [-3.1] = - 4**    The area required for for is |
| DIFFICULTY | EASY |
| VIDEO LINK |  |

|  |  |
| --- | --- |
| EXAM | GATE |
| TEST – ID | 02 – 55 - 01 |
| SECTION | ME |
| MARKS | +2 |
| NEGATIVE MARKS | -2/3 |
| TYPE | MCQ |
| 4 |  |
| A |  |
| B |  |
| C |  |
| D |  |
| ANSWER | C |
| SOLUTION | **Greatest Integer Function:** The Greatest Integer function for returns the greatest integer that is less than or equal to x.  **Examples: [2.499999] = 2; [3.5] = 3; [-3.1] = - 4**    The area required for for is |
| DIFFICULTY | HARD |
| VIDEO LINK | https://youtu.be/MktPme253rA |