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**SERIES - 1**

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**Important Questions**  
for Chhattisgarh  
Board Exam ‘2021’

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**Class – 10<sup>th</sup>****Subject – Mathematics****“Graph”****‘4’ Marks Questions**

1. A man filled 5 litres of petrol in the fuel tank of his vehicle. The table below shows the days and the petrol remaining on that day-

|                            |   |   |   |   |   |
|----------------------------|---|---|---|---|---|
| Day                        | 1 | 2 | 3 | 4 | 5 |
| Volume of petrol remaining | 4 | 3 | 2 | 1 | 0 |

Draw a graph between the petrol remaining and no. of days.

2. The table below shows simple interests on a deposit of Rs. 300 at the interest of 5 percent per annum.

|                             |   |    |    |    |    |    |
|-----------------------------|---|----|----|----|----|----|
| Time (in years)             | 0 | 1  | 2  | 3  | 4  | 5  |
| Simple interest (in rupees) | 0 | 15 | 30 | 45 | 60 | 75 |

Draw a graph between time and simple interest.

3. Find the value of  $x^2$  for different values of  $x$  and draw a graph between  $x$  and  $x^2$ . The values of  $x$  are integer numbers between -4 and +4.