Q1. Write the following to the required number of Significant Figures given in the bracket.

|  |  |  |
| --- | --- | --- |
| (a) 404 ( 1 ) | (b) 6572 ( 2 ) | (c) 0.529841 ( 4 ) |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| (d) 3399 ( 3 ) | (e) 8494 ( 2 ) | (f) 0.438031 ( 2 ) |

 6 marks

Q2. By rounding each number to 1 significant figure calculate the following.

|  |  |
| --- | --- |
| (a) 289 x 77 | (b) 8334 ÷ 121 |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| (c) 678 x 820 | (d) 3893 ÷ 151 |

8 marks

Q3. Calculate the following.

|  |  |
| --- | --- |
| (a) 11v + (-49v)  | (b) (-25g) - 48g  |

|  |  |
| --- | --- |
| (c) (-7) x (-37)  | (d) (-4)2  |

|  |  |
| --- | --- |
| (e) 75 ÷ (-15)  | (f) (-80) ÷ (-5)  |

6 marks

Q4. Calculate the following.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| (a) |  | 22 + ( 4 x 5 ) - 39 | (b) |  | 24 ÷ 4( 9 - 6 )  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| (c) |  | 2( 19 - 12 )² + 6 | (d) |  | 36 + a half of 92 - 26 |

8 marks

Total 28 marks