

## Subject 14

**Please do not write on the exam paper**

In September and October 2011 the last World Rugby Cup occurred in New Zealand. In the table below, you will find the total marked points by all the 20 teams in competition.

<b>Team</b>	<b>Number of Points</b>	<b>Played Matches</b>
New Zealand	361	7
Australia	345	7
England	327	7
France	267	7
South Africa	193	5
Ireland	162	5
Wales	149	5
Argentina	140	4
Samoa	138	4
Scotland	118	5
Fiji	98	4
USA	86	4
Japan	79	4
Italy	77	4
Romania	65	4
Uruguay	56	4
Canada	54	4
Tonga	46	4
Georgia	46	4
Namibia	28	4

1. Compute the mean of marked points per team during this cup.
2. What are the median and lower & upper quartiles for the marked points?
3. Draw a box-plot showing this repartition for marked points.
4. Compute the score per played match for each team and find the new ranking.
5. France arrived second in this cup. Is this compatible with the new ranking you just find?