[3]

Alphonse, his wife and child fly from Madrid to the Olympic Games in Beijing. The adult plane fare is 450 euros.

The child fare is 68% of the adult fare.

For Examiner's Use

(a) Show that the total plane fare for the family is 1206 euros. Show all your working clearly.

Answer (a)
Child fore = 
$$\frac{68}{100} \times £450$$
= £306

(b) The ratio of the money spent on plane fares: accommodation: tickets = 6:5:3.

Calculate the total cost.

Total cost = 
$$\frac{6+5+3}{6} \times £ 1206$$
  
=  $\frac{14}{6} \times £ 1206$   
= £ 2814

Answer(b) 2814 euros [3]

(c) Alphonse changes 500 euros into Chinese Yuan at a rate of 1 euro = 9.91 Chinese Yuan.

How many Chinese Yuan does he receive?

Answer(c) 4955 Yuan [2]

(d) Their plane leaves Madrid at 05 45. The journey takes 11 hours 35 minutes. Beijing time is 6 hours ahead of Madrid time.

Find the time in Beijing when they arrive.

$$\begin{array}{ccc}
05.45 & & 17.20 \\
11.35 + & & 06.00 + \\
\hline
16.80 & & 23.20
\end{array}$$
= 17, 20

Answer(d)

23,20

[2]