Note: this type of data interpretation is to be expected in one module and could be set in more than.

Data interpretation questions could also have a different format.

Read the section of a paper provided then answer the questions below in a separate book. Please number the sections of your answer. You should spend about 1 hour on your answer.

**Methods**

1. Why do you think it was necessary to have an ombudsman at each recruiting site? (2 marks)
2. Why do you think children with abnormal Transcranial Doppler Velocity were excluded from the study? (2 marks)
3. Why do you think it was necessary to have a placebo control? (2 marks)
4. What are the disadvantages to using a single dose of hydroxycarbamide? (3 marks)
5. Why do you think the investigators stopped measuring glomerular filtration rate? (2 marks)
6. Was the study large enough to address the study endpoints? (2 marks)

**Results**

1. What are the main effects of hydroxycarbamide on haematological values? (3 marks)
2. What laboratory tests are likely to provide the best evidence of good compliance with trial medication? (2 marks)
3. What significant new information is provided by this trial? (2 marks)
4. What factors would be most useful in deciding whether or not hydroxycarbamide treatment is cost-effective? (2 marks)
5. What do you think are the main limitations of this trial? 3 marks

**Final conclusion**

1. Do you think this study will change clinical practice and if so, why? (5 marks)