Explain how you would design the following to study whether sleep affects your learning:

1. Experiment [4]
2. Self-report [2]
3. Observation [3]
4. Correlations [3]
5. The following are individual participants’ scores on a memory test: Calculate the:
6. Mean [1] 9.9
7. Median [1] 9

|  |  |  |
| --- | --- | --- |
|  | Boys | Girls |
| Obeyed | 36 | 24 |
| Disobeyed | 52 | 64 |

1. Mode [1] 8
2. Range [1] 9
3. This table below shows the results of a study into obedience study.
4. What percentage of the **participants who obeyed** were boys? [1] 36/60 = 60%
5. What percentage of the total number of participants were girls who obeyed? Give your answer to 2 significant figures. [1] 24 / 176 = 14%

1. A psychologist has investigated the relationship between height and scores on a mood questionnaire. The results are shown in the table on page 5. Sketch an appropriate graph for this data. [4]

Mark Scheme for Q7

* Title which includes both variables (Graph to show the relationship between Height and Mood)
* Labelling on x axis
* Labelling on y axis
* Appropriate type of graph, scale and accuracy
1. State what the findings (graph and **results)** show. [1] Strong positive correlation between height and mood.
2. State what can be **concluded** from this data. [1] The taller you are, the higher the mood score.

Which of these indicates the research is significant at the 5% level of probability? C

**Numbering went astray here**

1. p<5.0
2. p<0.5
3. p<0.05
4. p>0.05
5. Explain how your chosen area / perspective would explain what is causing K’s behaviour. [3]
6. Explain how a psychologist from your chosen area / perspective may treat K. [3]
* Point – how would the behaviour be treated?
* Explanation – how will this be done?
* Link to K
1. Are people born clever (nature) or do they become clever through hard work / good teaching (nurture)? Explain one reason for your view. [4]
* Your view (nature, nurture or interactionist)
* Reason – why do you have that view?
* Explanation – what does this view mean?
* Example to illustrate this reason
1. Are criminals born with a tendency to commit crime (nature) or do they commit crime because they have had a difficult upbringing (nurture)? Explain one reason for your view. [4]
* Your view (nature, nurture or interactionist)
* Reason – why do you have that view?
* Explanation – what does this view mean?
* Example to illustrate this reason
1. State the names of 2 methods of scanning the brain. [2]
2. Explain the purpose of having control groups in psychological research. [2] Compare to experimental group to show the effect of the IV on the DV
3. Explain one strength and one weakness of using interviews in Psychology. [3+3]
4. The research method used by Rosenhan was a field experiment. Name the 2 other types of **experiment** which are used in Psychology? [2]
5. State the name of one psychotic disorder. [1]
6. Suggest one way in which this research could be improved and explain why your suggestion improves it. [3]
* State one problem with the research
* State your suggestion
* Explain how your suggestion puts right or improves the problem with the research you identified.