**Psychology – Memory (Section B)**

30 minutes

Email to Miss Ashton

Please delete lines and type your answers in a different colour **or** send clear pictures of hand written answers with the question clearly identified.

1. A teacher showed her Year 12 Psychology class a video clip of a girl shopping in a busy high street with her boyfriend. Near the end of the clip, the girl had her handbag stolen by a man in a black jacket. Later, 10 of the students were interviewed about the events in the video clip using a cognitive interview. The remaining 9 students were interviewed using a standard interview.
   1. One technique used in the cognitive interview is that witnesses are asked to ‘report everything’.

**Identify one other technique that could have been used by the teacher in the cognitive interview. Write down the instructions that the teacher might have read out to the students when using this technique. [3 marks]**

**Technique \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Instructions** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

* 1. **Explain how the study might have been improved by using a random sample of students from Year 12. [4 marks]**

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Each student was assigned a score based on the accuracy of their answers to the box questions in the interview. The results can be seen in Table 2.

**Table 2 Accuracy scores for students in the standard and cognitive interview conditions**

|  |  |  |  |
| --- | --- | --- | --- |
| **Standard interview condition** | | **Cognitive interview condition** | |
| **Student** | **Accuracy score** | **Student** | **Accuracy score** |
| 1 | 8 | 10 | 13 |
| 2 | 8 | 11 | 13 |
| 3 | 6 | 12 | 11 |
| 4 | 9 | 13 | 8 |
| 5 | 10 | 14 | 11 |
| 6 | 7 | 15 | 14 |
| 7 | 9 | 16 | 11 |
| 8 | 8 | 17 | 13 |
| 9 | 8 | 18 | 15 |
|  |  | 19 | 18 |

* 1. **Calculate the mean accuracy score for the cognitive interview condition. Give your answer to two significant figures. (3 marks)**

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* 1. **Briefly outline one limitation of the cognitive interview. (2 marks)**

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Kai and Neri were discussing a report of an armed robbery in the newspaper. box Kai: “I think all the witnesses would have trouble recalling what they had seen as the robbers were really dangerous.” Neri: “I’m not so sure. When I had a car accident I was in danger, but I was able to give lots of detail.”

**Q6) Discuss what research has shown about the effects of anxiety on eye-witness testimony. Refer to the conversation above in your answer. (12 marks)** (approx two pages typed or 3,4 hand written).

**Total = 24 marks**

**--------------------------------------------------------END OF SECTION B--------------------------------------------------------------------**