

A-level PSYCHOLOGY (7182/1)

Paper 1 Introductory Topics in Psychology

2017 Morning Time allowed: 2 hours

Materials

For this paper you may have:

a calculator.

Instructions

- Use black ink or black ball-point pen.
- Fill in the boxes at the bottom of this page.
- Answer all questions. You must answer the questions in the spaces provided. Do not write outside the box around each page or on blank pages.
- Do all rough work in this book. Cross through any work you do not want to be marked.

Information

- The marks for questions are shown in brackets.
- The maximum mark for this paper is 96.
- Questions should be answered in continuous prose. You will be assessed on your ability to:
 - use good English
 - organise information clearly
 - use specialist vocabulary where appropriate.

Please write clearly, in block capitals, to allow character computer recognition.					
Centre number	Candidate number				
Surname					
Forename(s)					
Candidate signature					

Section A

	Social influence	
	Answer all questions in this section	
0 1	Outline two explanations for obedience.	[6 marks]
0 2	Briefly evaluate one of the explanations that you have outlined in your answequestion 01 .	er to [3 marks]

0 3	Read the item and then answer the question that follows.
	A small group of environmentally-aware sixth form students are campaigning for their school to become 'paper-free' for the next six months. Recently, they had a meeting with a group of teachers who represent the teaching staff. The teachers told the students that the school could become 'paper-free' if the group of students could convince the rest of the student body it was a good idea.
	Use your knowledge of conformity and minority influence to explain the factors that will determine how successful the small group of students will be. [7 marks]
	You may use this space to plan your answer.

0 4	Outline the procedures and findings of Zimbardo`s research into conformity to social roles.	o [4 marks]
0 5	Briefly discuss two criticisms of Zimbardo`s research into conformity to social	roles.
		[4 marks]

Section B

Memory

Answer all questions in this section

0 6 Complete the missing parts of the table, $\bf A$, $\bf B$, $\bf C$ and $\bf D$, in relation to features of the multi-store model of memory.

[4 marks]

	Capacity	Duration	Coding
Sensory register	A	250 milliseconds	Modality specific
Short-term memory	7 +/-2	В	С
Long-term memory	Unlimited	Potentially forever	D

0 7	•	nas been driving for five your music with little difficulty	vears. Whilst driving, Brya v.	n can hold conversations	or
			s. Driving requires so mudisses what his driving inst		
		ference to features of the nces of Bryan and Bob.	e working memory model,	explain the different [4 ma	arkel
				[+ IIId	ai və]

0 8	A woman is being questioned by a police officer about a heated argument she witnessed on an evening out with friends. The argument took place in a bar and ended with a violent assault. A knife was discovered later by police in the car park of the bar.
	'Did you see the knife the attacker was holding?', asked the police officer.
	'I'm not sure there was a knife $-$ yes, there probably was,' replied the woman. 'I was so scared at the time that it's hard to remember, and my friends and I have talked about what happened so many times since that I'm almost not sure what I did see.'
	Discuss research into two or more factors that affect the reliability of eyewitness testimony. Refer to the information above in your answer. [16 marks]
	You may use this space to plan your answer.

Extra	space		

Section C Attachment Answer all questions in this section 0 9 Match each of the research findings 1, 2, 3 and 4 with one of the researchers A, B, C, D or E. Write A, B, C, D or E in the box next to the appropriate research finding. Use each letter once only. [4 marks] John Bowlby В Mary Ainsworth С Harry Harlow Karl Lorenz Rudolf Schaffer Ε 1 Infants form multiple, rather than monotropic, attachments. 2 Infants form monotropic, rather than multiple, attachments. 3 Contact comfort is essential to an infant's psychological health. 4 Through imprinting, newborns attach to the first moving object that they see Briefly discuss how researchers might address difficulties encountered when trying to 1 0 investigate caregiver-infant interaction. [4 marks]

1 1	Discuss the effects of institutionalisation. Refer to the studies of Romanian your answer.	orphans in
		[16 marks]
	You may use this space to plan your answer.	

Extra space
Extra Space

Section D

Psychopathology

Answer all questions in this section

A researcher wanted to see whether cognitive behaviour therapy was an effective treatment for depression. Twenty depressed patients who had all recently completed a course of cognitive behaviour therapy were involved in the investigation. From their employment records, the researcher kept a record of the number of absences from work each patient had in the year following their treatment. This was compared with the number of absences from work each patient had in the year prior to their treatment.

Those patients who had fewer absences from work in the year following their treatment than in the year prior to their treatment were classified as 'improved' (+). Those patients who had more absences were classified as 'deteriorated' (-). Those patients who had the same number of absences were classified as 'neither' (0).

The results of the investigation are included in **Table 1** below.

Table 1

Patient	Improved	Deteriorated	Neither
1	+		
2			0
3		-	
4	+		
5	+		
6	+		
7		-	
8		-	
9			0
10	+		
11		-	
12	+		
13	+		
14	+		
15	+		
16		-	
17	+		
18	+		
19	+		
20			0

The researcher decided to use the sign test to analyse the data.

1 2	Explain two factors that the researcher had to take into account when decide the sign test. Refer to the investigation on the previous page in your answer.	[4 marks]
1 3	Calculate the sign test value of s for the data in Table 1 on the previous pag how you reached your answer.	e. Explain [2 marks]

Table 2: Critical values for the sign test

n	0.005 (one tailed) 0.01 (two tailed)	0.01 (one tailed) 0.02 (two tailed)	0.025 (one tailed) 0.05 (two tailed)	0.05 (one tailed) 0.10 (two tailed)
16	2	2	3	4
17	2	3	4	4
18	3	3	4	5

10 3 3 4 3				
For significance, the value of the less frequent sign is equal to or less than the value of				
With reference to the critical values in Table 2 , explain whether or not the values that you calculated in response to question 13 is significant at the 0.05 level to two tailed test.				
The investigation above is based on secondary data.				
In what ways would the use of primary data have improved this investigation?				

1 6	Outline the implications of psychological research for the economy. Refer to investigation above in your answer.	the [5 marks]
1 7	Outline one definition of abnormality.	[2 marks]

Outline and evaluate one other definition of abnormality.)]
END OF QUESTIONS	

