



Surname _____

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Candidate Number _____

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I declare this is my own work.

A-level

PSYCHOLOGY

Paper 2 Psychology in context

7182/2

Wednesday 22 May 2024

Morning

Time allowed: 2 hours

At the top of the page, write your surname and forename(s), your centre number, your candidate number and add your signature.

[Turn over]



J U N 2 4 7 1 8 2 2 0 1

MATERIALS

For this paper you may use:

- a calculator.

INSTRUCTIONS

- Use black ink or black ball-point pen.
- Answer ALL questions. You must answer the questions in the spaces provided. Do NOT write on blank pages.
- If you need extra space for your answer(s), use the lined pages at the end of this book. Write the question number against your answer(s).
- 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.**

DO NOT TURN OVER UNTIL TOLD TO DO SO



SECTION A

APPROACHES IN PSYCHOLOGY

Answer ALL questions in this section.

0 1

Describe the ego AND superego according to the psychodynamic approach. [4 marks]



[Turn over]



0	4
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Karishma has very low self-esteem, even though she achieved very high GCSE grades. She would like to be a lawyer. Although she is studying A-levels, she has delayed her application to university because she does not think she will receive any offers. She does not think she is clever enough to study law.

Explain why a humanistic psychologist would suggest that Karishma is not displaying congruence. [2 marks]

0 5

Explain how a humanistic psychologist might help Karishma to achieve congruence. [3 marks]

[Turn over]



[Turn over]

24



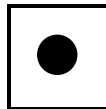
SECTION B**BIOPSYCHOLOGY**

Answer ALL questions in this section.

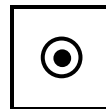
Only TWO answers per question are allowed.

For each question completely fill in the circle alongside the appropriate answer.

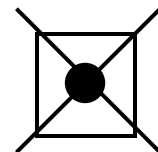
CORRECT METHOD



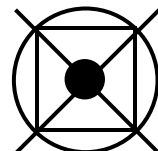
WRONG METHODS



If you want to change your answer you must cross out your original answer as shown.



If you wish to return to an answer previously crossed out, ring the answer you now wish to select as shown.



0	7
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Which TWO of the following statements about the fight or flight response are FALSE?

Shade TWO boxes only. [2 marks]

The fight or flight response involves:

A a decrease in the release of adrenaline.

B an increase in the rate of respiration.

C the flow of blood being diverted from the surface of the skin.

D the parasympathetic division being in control of functioning.

E the process of digestion being inhibited.

[Turn over]



0	8
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What are hormones? Give an example of a hormone OTHER THAN adrenaline and outline its function.

[4 marks]



[Turn over]



0	9
---	---

A psychologist conducted a case study of a patient who had difficulty sleeping.

Briefly explain ONE ethical issue the psychologist would need to consider in this study. [2 marks]

BLANK PAGE

[Turn over]



1	0
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Discuss research into the effects of endogenous pacemakers AND exogenous zeitgebers on the sleep/wake cycle. [16 marks]

You may use this space to plan your answer.



[Turn over]





[Turn over]



SECTION C**RESEARCH METHODS**

Answer ALL questions in this section.

A researcher wanted to investigate the types of play parents engaged in with their children. Ten children and one parent of each child took part in the study. The researcher asked each parent to keep a diary for a month about the types of play their child engaged in.

1	1
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Is the diary primary or secondary data? Justify your answer. [2 marks]



1	3
---	---

The researcher was concerned about the reliability of the content analysis.

How might the researcher have assessed the reliability of the content analysis in this study? [4 marks]

1 4

The researcher decided to interview some of the parents about their child's play.

**Explain why the data collected from the interview might have improved upon the data collected from the diaries.
[3 marks]**

1 5

In the interview the researcher collected some qualitative data.

Write ONE question that could be used in the researcher's interview that would produce qualitative data. [2 marks]

[Turn over]

1	6
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Identify ONE limitation of qualitative data. [1 mark]

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[Turn over]



The researcher noticed age-related differences in the types of play mentioned in the diary entries. They designed an experiment to investigate the differences in play choices between 2-year-old and 4-year-old children.

The researcher carried out the study using children from two local nursery schools. There were 30 children of each age group at nursery A. There were 20 children of each age group at nursery B. All parents gave informed consent for their children to take part in the study. The researcher used stratified sampling of the nurseries. Ten 2-year-olds and ten 4-year-olds took part in the study.

Each child was observed for 15 minutes during playtime in an area of the nursery where they could choose to play with building blocks, a sandpit and a slide. The researcher recorded how long each child spent playing with each activity.



1	8
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**Identify the type of experiment used in this study.
Justify your answer. [3 marks]**



[Turn over]



The researcher calculated averages for the time (in minutes) spent in the sandpit for each age group. The results are shown in the table below.

TABLE 1 Average time in minutes spent in the sandpit for the two age groups

MEASURE OF CENTRAL TENDENCY	2-YEAR-OLDS	4-YEAR-OLDS
Mean	11	6
Median	12	6
Mode	15	6



2 1

Identify the type of distribution shown in the data in TABLE 1 for EACH age group. In EACH case justify your answer. [4 marks]

2-year-olds: _____

4-year-olds: _____

[Turn over]



2	2
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What do the mean values in TABLE 1, on page 44, suggest about play preferences in 2-year-old and 4-year-old children? Justify your answer. [2 marks]

BLANK PAGE

[Turn over]



[Turn over]



The calculated value of t was 3.576

For this study degrees of freedom (df) = 18

TABLE 2 Extract from table of critical values of t

Level of significance for a two-tailed test	0.10	0.05	0.01	0.001
df = 17	1.740	2.110	2.898	3.965
18	1.734	2.101	2.878	3.922
19	1.729	2.093	2.861	3.883
20	1.725	2.086	2.845	3.850

The calculated value of t must be equal to or greater than the critical value in this table for significance to be shown.



2	4
---	---

With reference to the critical values in TABLE 2, on the opposite page, explain whether or not there was a significant difference between the two age groups at the 5% level of significance. [2 marks]

[Turn over]



REPEAT OF TABLE 2**Extract from table of critical values of t**

Level of significance for a two-tailed test	0.10	0.05	0.01	0.001
df = 17	1.740	2.110	2.898	3.965
18	1.734	2.101	2.878	3.922
19	1.729	2.093	2.861	3.883
20	1.725	2.086	2.845	3.850

The calculated value of t must be equal to or greater than the critical value in this table for significance to be shown.



2	5
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Referring to the critical values in TABLE 2, on the opposite page, explain why the researcher is very unlikely to have made a Type I error. [3 marks]

END OF QUESTIONS

48



Additional page, if required.

Write the question numbers in the left-hand margin.

Additional page, if required.

Write the question numbers in the left-hand margin.



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Section	Mark
A	
B	
C	
TOTAL	

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