

Please write clearly in block capitals.

Centre number

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Candidate number

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Surname _____

Forename(s) _____

Candidate signature _____

I declare this is my own work.

INTERNATIONAL AS PSYCHOLOGY

Unit 2 Biopsychology, Development and Research Methods 1

Thursday 15 January 2026

07:00 UK Time

Time allowed: 1 hour 30 minutes

Materials

For this paper you must have:

- a calculator, which you are expected to use where appropriate.

Instructions

- Use black ink or black ball-point pen.
- Fill in the boxes at the top 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.
- All working must be shown.
- 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 90.

For Examiner's Use	
Question	Mark
A	
B	
C	
TOTAL	



Section A: BiopsychologyAnswer **all** questions in the spaces provided.Only **two** answers per question is allowed.

For each multiple-choice 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 1**Which **two** of the following are an effect of adrenaline during the fight or flight response?Shade **two** boxes only.**[2 marks]****A** Dry mouth☐**B** Increased heart rate☐**C** Relaxed muscles☐**D** Slower breathing☐**E** Smaller pupils☐**0 2**Describe the findings of **one** study investigating functional recovery after trauma.**[2 marks]**



0	3
---	---

Describe the function of Wernicke's area.

[4 marks]

0	4
---	---

Describe the structure **and** function of sensory neurons.

[4 marks]

Turn over for the next question



Erina was driving to work when she noticed a cat crossing the road in front of her. She slowed down and changed the direction of the car to avoid running over the cat.

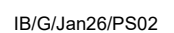
[6 marks]

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[12 marks]

[illegible]

[illegible]

[illegible]

30



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Section B: Cognitive DevelopmentAnswer **all** questions in the spaces provided.**0 7**

What is meant by class inclusion?

[2 marks]

0 8

Diego, who is 3 years old, is eating an apple. His sister Gabriela, who is 4 months old, is hungry and starts to cry. Diego gives Gabriela his apple instead of her bottle of milk.

Using your knowledge of egocentrism, explain why Diego gives Gabriela his apple and not her bottle of milk.

[3 marks]

0 9

What is meant by the zone of proximal development?

[2 marks]



1 0

Keito shows his little sister Akira, who is 3 years old, a box of chocolates and asks her what she thinks is inside.

Akira answers “chocolate”, but Keito opens the box to show her that there are pencils inside.

Keito now asks Akira what their father will think is inside the box and Akira says “he will say it is pencils”.

Using your knowledge of theory of mind, explain why Akira believes her father will think that the box contains pencils.

[3 marks]

Turn over for the next question



[20 marks]

You may use this space to plan your answer.

[illegible]

[illegible]

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Turn over for the next section

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ANSWER IN THE SPACES**



Section C: Research Methods 1

Answer **all** questions in the spaces provided.

A researcher wanted to investigate how children aged 12–18 months old respond to being separated from their parent.

The researcher selected 30 parents with their children to take part in a controlled observation.

One at a time, each parent took their child to a room with toys. After the child had settled, the parent left the room for 2 minutes and then returned.

The researcher recorded the behaviours of each child whilst they were separated from their parent.

1	2
---	---

Within psychological research, what is meant by the aim?

[1 mark]

1	3
---	---

State the aim of this observation.

[2 marks]

1	4
---	---

Observations involve the use of operationalised behavioural categories.

What is an operationalised behavioural category?

[1 mark]



1 5

Name **two** behavioural categories the researcher could use to record how the child responded to being separated from their parent.

[2 marks]

1 6

Identify a sampling technique. Explain how the researcher could have used this technique to obtain the participants for this observation.

[3 marks]

1 7

Apart from using behavioural categories, explain **one other** aspect of this observation that the researcher had controlled.

[3 marks]



1 8

The researcher needed to ask for consent.

Briefly explain how the researcher should have asked for consent.

[2 marks]

1 9

The researcher was concerned about demand characteristics.

Explain how demand characteristics could have affected the behaviour of the parents in this observation.

[3 marks]



2 0

The researcher observed 30 parent–child pairs.

Table 1: Number of parent–child combinations.

Parent	Child	Number of pairs (out of 30)
Mother	Daughter	4
Mother	Son	12
Father	Daughter	6
Father	Son	8

Using the data in **Table 1**, calculate the percentage of father–daughter pairs.

Show your workings.

[2 marks]

2 1

Using the data in **Table 1**, calculate the fraction of mother–son pairs.
Give your answer in the simplest form.

Show your workings.

[2 marks]



The researcher wanted to complete a new observational study to investigate how children aged 12–18 months old respond to a stranger.

[6 marks]

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2	3
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Sometimes researchers follow up their observations with interviews.

Describe what is meant by a structured interview.

[3 marks]

30

END OF QUESTIONS



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