

Q1.

Which **one** of the following best describes Piaget's concept of conservation?

Shade **one** box only.

- | | | |
|----------|---|-----------------------|
| A | Understanding that things are different even though they look the same. | ☐ |
| B | Understanding that things are different when they look different. | ☐ |
| C | Understanding that things are the same even though they look different. | ☐ |
| D | Understanding that things are the same when they look the same. | ☐ |

(Total 1 mark)

Q2.

A psychologist studied the effects of using familiar play materials in a conservation experiment. There were 60 participants, all six years old. The psychologist assigned the first 30 children on the alphabetical list of participants to **Group 1** and assigned the remaining 30 children to **Group 2**.

Participants in **Group 1** carried out 10 conservation tasks using familiar play materials.

Participants in **Group 2**, the control group, carried out 10 conservation tasks using unfamiliar play materials.

For each participant, the psychologist recorded the number of conservation tasks solved correctly.

Briefly suggest **two** examples of a conservation task that the psychologist might have used in the study.

(Total 2 marks)

Q3.

Outline what Piaget meant by conservation.

(Total 2 marks)

Q4.

Outline **one** strength **and one** limitation of Piaget's research into conservation.

(Total 6 marks)

Q5.

Leonard and Felix are primary school teachers. They discuss the methods they use in their classrooms.

Leonard says, "Children need to experiment with the right sort of task. They learn well if they make mistakes until they get it right."

Felix says, "Children need various levels of guidance to achieve their potential. The more able children can really help the ones who are struggling."

Use your knowledge of theories of cognitive development to explain the comments made by Leonard and Felix.

(Total 8 marks)

Q6.

Describe what Piaget meant by equilibration.

(Total 4 marks)

Q7.

Discuss what psychological research has told us about children's understanding of object permanence.

[illegible]

(Total 16 marks)