

## Psychopathology

1. Tyler is 10 years old and has a phobia of the dentist. When Tyler was 4 years old, he had a tooth removed, which caused him a lot of pain. Tyler is so scared that if someone mentions the dentist he starts to cry. Last week he locked himself in his bedroom and refused to go to his appointment with the dentist. Explain Tyler's phobia of the dentist using the two-process model. **[6 marks]**
2. A psychologist conducted a study into the effectiveness of two types of therapy used to treat depression. Cognitive behaviour therapy (CBT) and counselling were compared. People with depression were assigned to either Group 1 (CBT) or Group 2 (counselling). People rated their depression before and after therapy. The psychologist then calculated an improvement score for each person. **Table 1** shows the findings for Group 1 (CBT).

**Table 1** Improvement score for participants in Group 1 (CBT)

Participant number	Improvement score
1	0
2	4
3	3
4	6
5	0
6	6
7	6
8	8
9	7

- (a) Calculate the mean improvement score for Group 1 (CBT). Give your answer to two significant figures. **[2 marks]**
- (b) The psychologist found a mean improvement score of 1.5 for Group 2 (counselling). Give one conclusion about the effectiveness of the therapies using the mean scores for both groups. Explain your answer. **[2 marks]**

## Approaches

1. Outline one role of schema according to the cognitive approach. **[2 marks]**
2. Describe how Bandura investigated social learning. **[4 marks]**
3. Briefly explain one limitation of the way Bandura investigated social learning. **[2 marks]**
4. Describe and evaluate the biological approach in psychology. **[8 marks]**