
[12]

2.

A clean smell?

The aroma of freshly baked bread, the smell of newly ground coffee and the scent of a nice fragrance. We associate different smells with different people and situations, and our sense of smell can even influence how we behave. Sometimes this can be immediate and direct, such as making us feel hungry, but it can also be more indirect. For example, the smell of lemons is often associated with cleanliness. To study this further, psychologists want to use the experimental method to investigate if people leave less litter in a room filled with the smell of lemons compared to one that smells of nothing.

Explain how you would conduct a study using the laboratory experimental method to investigate if there is a difference in the amount of litter left in a room filled with the smell of lemons compared to a room that has no smell. Justify your decisions as part of your explanation. You must refer to:

- the sampling technique used to obtain participants for the study
- how you would operationalise the dependent variable to obtain quantitative data
- details of how one ethical consideration would be addressed
- the control of one extraneous variable.

You should use your own experience of practical activities to inform your response.

3. Identify **and** explain **one** evaluation point you could have included in the discussion section of the write-up of any one of your own practical activities.

[4]

4.

Sounds friendly?

There are many different styles of music and some can be very emotional and even influence how we behave. A psychologist wants to use the laboratory experimental method to investigate if listening to music with prosocial lyrics (words related to love and kindness) makes people more helpful afterwards.

Explain how you would conduct a study using the laboratory experimental method to investigate if people become more helpful after listening to music with prosocial lyrics. Justify your decisions as part of your explanation. You must refer to:

- the experimental design you would use
- how you would operationalise the dependent variable (DV) in a way that would produce quantitative data
- one ethical consideration you would take into account.

You should use your own experience of practical activities to inform your response.

[12]

7.

Get a grip

Hand shaking is a fairly common greeting between people in some cultures, especially when meeting someone for the first time. However, the way that we shake hands with someone can vary quite a lot, and this might influence what we think of the person whose hand we are shaking. Some research suggests that simply the length of time that the hand is shaken can influence how friendly or not we perceive the person to be. Psychologists want to study this using the experimental method to investigate the effect of a 'short' compared to a 'long' handshake on how friendly a person is thought to be.

*Explain how you would conduct a study using the laboratory experimental method to investigate if the length of a handshake affects how friendly a person is thought to be. Justify your decisions as part of your explanation. You must refer to:

- the sampling technique to obtain participants for the study
- which experimental design you would use in this study
- how you would operationalise the dependent variable to obtain quantitative data
- the control of one extraneous variable

You should use your own experience of practical activities to inform your response.
