

Free Will and Determinism - Mark Scheme

Q1.

[AO2 = 3]

1 mark for each of the following points:

- All variables are controlled except for light conditions (the IV)
- Any change in the number of details correctly recalled (the DV) must therefore be due to/caused by the manipulation of light intensity (the IV)
- Use of control enables the researcher to infer causality/cause and effect

Q2.

[AO1 = 6 AO2 = 4 AO3 = 6]

Level	Marks	Description
4	13 – 16	Knowledge of two or more types of determinism is accurate and generally well detailed. Application is effective. Discussion is thorough and effective. Minor detail and/or expansion of argument is sometimes lacking. The answer is clear, coherent and focused. Specialist terminology is used effectively.
3	9 – 12	Knowledge of two or more types of determinism is evident but there are occasional inaccuracies/omissions. Application/discussion is mostly effective. The answer is mostly clear and organised but occasionally lacks focus. Specialist terminology is used appropriately.
2	5 – 8	Limited knowledge of two or more types of determinism is present. Focus is mainly on description. Any discussion/application is of limited effectiveness. The answer lacks clarity, accuracy and organisation in places. Specialist terminology is used inappropriately on occasions. OR one type of determinism at Level 3/4.
1	1 – 4	Knowledge of two or more types of determinism is very limited. Discussion is limited, poorly focused or absent. The answer as a whole lacks clarity, has many inaccuracies and is poorly organised. Specialist terminology is either absent or inappropriately used. OR one type of determinism at Level 2.
	0	No relevant content.

Possible content:

- determinism – the general idea that traits and behaviours are outside our control,

due to factors either internal or external over which we have no control

- biological determinism – the idea that traits and behaviours are governed by internal biological factors like genes, neurochemistry, brain structure and function – biology is destiny
- psychic determinism – the idea that traits and behaviours are governed by unconscious instincts and drives, the cause of behaviour is rooted in childhood experiences
- environmental determinism – the idea that traits and behaviours are governed by external forces such as experiences, upbringing, learning, schools, parents, peers etc.
- hard determinism – traits and behaviours are entirely out of the individual's control
- soft determinism – traits and behaviours are determined by external or internal forces but an individual can still exercise some control, eg via thought processes.

Credit other types of determinism, eg reciprocal determinism, scientific determinism.

Possible application:

- biological determinism – Dancho's musical ability may be genetic-inherited from his father who also plays piano well, Dancho appears to suggest his talent is innate 'my earliest memories', 'music is a part of me'
- environmental determinism – ability is a product of learning from father, ability was nurtured at a specialist school from 4 years, hours of practice every day providing reinforcement, applause providing reinforcement
- hard determinism – Dancho cannot control his behaviour 'Even if I wanted to stop...'
- psychic determinism – through the Oedipus complex Dancho has identified with his concert pianist father.

Possible application:

- contrast with the free will position that people are able to choose how to behaviour
- soft determinism as a compromise between hard determinism and free will – role of consciousness and subjective awareness
- links with broad approaches in psychology eg behaviourism
- role of single versus multiple causes
- comparisons of different types of determinism
- implications for science and the emphasis on causes of behaviour – determinism fundamental to scientific focus on investigating causes and being able to predict behaviour
- implications for child-rearing, eg the role of parental expectations
- implications for society, eg for education, offending behaviour, addiction, economic

implications etc

- use of studies/theories to support or counter determinism
- strengths/limitations of adopting a determinist stance.

Credit other relevant material.