

# **Cambridge Assessment International Education**

Cambridge International Advanced Subsidiary and Advanced Level

PSYCHOLOGY 9698/22

Paper 2 Core Studies 2

May/June 2018

MARK SCHEME
Maximum Mark: 70

#### **Published**

This mark scheme is published as an aid to teachers and candidates, to indicate the requirements of the examination. It shows the basis on which Examiners were instructed to award marks. It does not indicate the details of the discussions that took place at an Examiners' meeting before marking began, which would have considered the acceptability of alternative answers.

Mark schemes should be read in conjunction with the question paper and the Principal Examiner Report for Teachers.

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# **Generic Marking Principles**

These general marking principles must be applied by all examiners when marking candidate answers. They should be applied alongside the specific content of the mark scheme or generic level descriptors for a question. Each question paper and mark scheme will also comply with these marking principles.

## **GENERIC MARKING PRINCIPLE 1:**

#### Marks must be awarded in line with:

the specific content of the mark scheme or the generic level descriptors for the question the specific skills defined in the mark scheme or in the generic level descriptors for the question the standard of response required by a candidate as exemplified by the standardisation scripts.

#### **GENERIC MARKING PRINCIPLE 2:**

Marks awarded are always whole marks (not half marks, or other fractions).

#### **GENERIC MARKING PRINCIPLE 3:**

## Marks must be awarded **positively**:

marks are awarded for correct/valid answers, as defined in the mark scheme. However, credit is given for valid answers which go beyond the scope of the syllabus and mark scheme, referring to your Team Leader as appropriate

marks are awarded when candidates clearly demonstrate what they know and can do marks are not deducted for errors

marks are not deducted for omissions

answers should only be judged on the quality of spelling, punctuation and grammar when these features are specifically assessed by the question as indicated by the mark scheme. The meaning, however, should be unambiguous.

# **GENERIC MARKING PRINCIPLE 4:**

Rules must be applied consistently e.g. in situations where candidates have not followed instructions or in the application of generic level descriptors.

## **GENERIC MARKING PRINCIPLE 5:**

Marks should be awarded using the full range of marks defined in the mark scheme for the question (however; the use of the full mark range may be limited according to the quality of the candidate responses seen).

#### **GENERIC MARKING PRINCIPLE 6:**

Marks awarded are based solely on the requirements as defined in the mark scheme. Marks should not be awarded with grade thresholds or grade descriptors in mind.

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Question	Answer	Marks
1(a)	Haney, Banks and Zimbardo conducted a simulation study on social roles in a mock prison environment. An alternative way to collect data about social roles would be to use the self-report method in real prisons.	5
	Describe the features of the self-report method in psychology.	
	Any five correct points 1 mark for each point up to a maximum of five points.	
	Indicative content: Used to gain insight into the thoughts, beliefs and feelings of participants Open questions	
	Closed questions Qualitative data Quantitative data	
	Likert scale questions Questionnaire	
	Interviews Interviews can be structured/semi-structured.	
	Any other appropriate point.	
	No marks are awarded for evaluation of self-reports.	

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Answer		Marks	
Design an alternative investigation on social roles in real prisons using the self-report method and describe how it could be conducted.		10	
Candidates will most likely describe either an interview and/or questionnal			
Candidates need to describe the 'who', 'what', 'where' and 'how'.			
of the questions asked and at least an indication of how this information	would		
Minor omission includes 'who'.			
It is possible to achieve 9 marks with a small minor omission (e.g. samp method or unclear questions).	oling		
Unethical procedure, max 4 marks (e.g. replication of Zimbardo).			
Alternative study is incomprehensible.	0		
Alternative study is muddled and impossible to conduct.	1–2		
Alternative study is muddled but possible and/or there are major omissions.	3–4		
Alternative study is clear with a few minor omissions and possible.	5–6		
Alternative study is described with one minor omission and in some detail.	7–8		
Alternative study is described in sufficient detail to be replicable. 9–10			
	Design an alternative investigation on social roles in real prisons use the self-report method and describe how it could be conducted.  Candidates will most likely describe either an interview and/or questions.  Candidates need to describe the 'who', 'what', 'where' and 'how'.  Major omissions include the 'what' and 'how'. Candidates must describe of the questions asked and at least an indication of how this information be collected (e.g. interview/questionnaire). There must be an indication being done in a real prison.  Minor omission includes 'who'.  It is possible to achieve 9 marks with a small minor omission (e.g. sampmethod or unclear questions).  Unethical procedure, max 4 marks (e.g. replication of Zimbardo).  Alternative study is incomprehensible.  Alternative study is muddled and impossible to conduct.  Alternative study is muddled but possible and/or there are major omissions.  Alternative study is clear with a few minor omissions and possible.  Alternative study is described with one minor omission and in some detail.	Design an alternative investigation on social roles in real prisons using the self-report method and describe how it could be conducted.  Candidates will most likely describe either an interview and/or questionnaire.  Candidates need to describe the 'who', 'what', 'where' and 'how'.  Major omissions include the 'what' and 'how'. Candidates must describe some of the questions asked and at least an indication of how this information would be collected (e.g. interview/questionnaire). There must be an indication that it is being done in a real prison.  Minor omission includes 'who'.  It is possible to achieve 9 marks with a small minor omission (e.g. sampling method or unclear questions).  Unethical procedure, max 4 marks (e.g. replication of Zimbardo).  Alternative study is incomprehensible.  O Alternative study is muddled and impossible to conduct.  1-2  Alternative study is muddled but possible and/or there are major omissions.  Alternative study is clear with a few minor omissions and possible.  5-6  Alternative study is described with one minor omission and in some 7-8 detail.	

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Question	Answer		Marks
1(c)	Evaluate this alternative way of studying social roles in methodolo and ethical terms.  Candidates need to consider a number of points regarding their study. Points can be positive and/or negative.  Appropriate points could include a discussion about: Ethics of self-report or anything specific to their study, Demand characteristics/social desirability, Qualitative/quantitative data or data collection method, researcher bias, Generalisability of the sample, Reliability of data collection method, Validity of data collection method, Difficulty in participants misunderstanding questions or researcher misunderstanding the responses of the participants.		10
	Any other appropriate point.		
	No evaluation.	0	
	Evaluation is muddled and weak.	1–2	
	Evaluation is simplistic and not specific to the investigation. May include one point that is somewhat detailed but specific to the investigation.	3–4	
	Evaluation is simplistic but specific to the investigation (may include general evaluation). May include one point that is detailed and specific to the investigation.	5–6	
	Evaluation is good and specific to the investigation. Two or more points that cover both a methodological <b>and</b> an ethical issue.	7–8	
	Evaluation is detailed and directly relevant to the investigation. Two or more points that cover both a methodological <b>and</b> an ethical issue.	9–10	
2(a)	Loftus and Pickrell conducted a study to investigate the formation false memories.	of	2
	What is meant by the 'cognitive approach' in psychology?		
	1 mark partial 2 marks full		
	The cognitive approach is the study of thinking. – 1 mark The cognitive approach is about understanding thinking processes/infor processing and the effect these have on behaviour. – 2 marks	rmation	
	Answers which describe the different types of cognitive processes investigated (e.g. language, memory, perception) are also creditworthy.  Appropriate answers could include assumptions of the cognitive approach		

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Question	Answer	Marks
2(b)	Explain why the Loftus and Pickrell study is an example of the cognitive approach.	3
	1–2 marks partial 3 marks full	
	Indicative content: The study is about memory/false memories – 1 mark The study is about creating a false memory in the participants and the cognitive approach studies memory – 2 marks The study attempts to create a false memory as the participant may believe this has really happened to them due to their family member reporting the memory. This shows that a false memory can be created. – 3 marks	

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Question	Answer		Marks
2(c)	Discuss the strengths and weaknesses of the cognitive approach the Loftus and Pickrell study as an example.	using	10
	Appropriate strengths and weaknesses will be varied. These could inclu	ıde:	
	Strengths Useful.		
	As research is often in a lab accept any strengths connected to lab experiments.		
	e.g. control, ecological validity, reliability  More scientific/objective		
	Nomothetic – assumes all cognitive processes are the same (could be a this is a weakness as it ignores individual differences).  Explanatory power.	argued	
	Can show development of cognitive behaviours (e.g. the development of false memory through the use of a study over a number of weeks).  Tends to be ethical as the studies just look at cognitions (such as a false).		
	memory) that don't do anything particularly harmful to the participants.		
	Weaknesses Any weaknesses of laboratory experiments, e.g. lacks ecological validit Difficult to ensure everything is exactly the same for each participant. If too artificial can give way to demand characteristics. As collects data via self-report in order to access cognitions these can proceed to socially desirable responses. Reductionist. Deterministic.		
	Difficult to measure as cannot see inside the cognitive workings of the participant (may link this to self-report data).  Approach may involve studies that take place over a number of weeks to look for the development of a cognition. These can be time consumir		
	Any other appropriate points.		
	No comment on the strengths and weaknesses of cognitive approach.	0	
	Comment given but muddled and weak.	1–2	
	Consideration of at least a strength and a weakness not specific to investigation  OR  Consideration of either a strength/weakness that is specific to cognitive approach and investigation (could be two strengths and/or two weaknesses on its own)	3–4	
	Consideration of two or more points (at least one strength and one weakness) which are clear and specific to investigation.	5–6	
	Consideration of at least two strengths and two weaknesses which are clear and specific to investigation.	7–8	
	Consideration of at least two strengths and two weaknesses which are good and directly relevant to the investigation.	9–10	

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Question	Answer		Marks
2(d)	Discuss the extent to which the Loftus and Pickrell study is ecolog valid.	ically	10
	Appropriate points will be varied. These could include:		
	High ecological validity due to: The participants believed the story of being lost in the mall was given by family member. The other three stories were real.	<i>r</i> a	
	Low ecological validity due to: Interviews with the researchers. Writing about the memories. Rating scales.		
	No comment on ecological validity.	0	
	Comment given but muddled and weak.	1–2	
	Comment on ecological validity which is not specific to the investigation  OR consideration of ecological validity which is simplistic but specific to investigation.	3–4	
	Consideration of ecological validity is simplistic but specific to investigation and somewhat detailed. This could include one detailed point.  OR Consideration of ecological validity which is detailed but not specific to investigation.	5–6	
	Consideration of ecological validity is good but brief (2 or more points) and specific to investigation.  OR Consideration of ecological validity with one issue which is detailed and directly relevant to the investigation and the other issue(s) is more simplistic. (2 or more points in some detail).	7–8	
	Consideration of ecological validity (2 or more points) which is detailed and directly relevant to the investigation. (2 or more points in some detail).	9–10	

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Question	Answer	Marks
3(a)	Outline what is meant by the 'individual differences approach' in psychology.	2
	1 mark partial, 2 marks full	
	This means where differences between people are identified. – 1 mark.	
	This shows how all of us are unique in terms of our personality and our behaviour. – 2 marks.	
	1 mark awarded for what is meant by individual differences (e.g. we are all unique) and the effect this could have on behaviour – 2nd mark.  OR	
	1 mark awarded for what is meant by individual differences (e.g. we are all unique) and an example of this 'uniqueness' (e.g. BDD behaviours) – 2nd mark	
	Appropriate answers could include assumptions of the individual differences approach.	

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Question	Answer	М	arks
Using the s	studies from the list below, answer the questions which follow:	1	
Veale and I	(sane in insane places) Riley (mirror gazing) et al. (empathising and systemising)		
3(b)	Describe the behaviours investigated in each of these studies.		9
	Rosenhan: Investigated diagnosis of mental health. Diagnoses of the pseudopatients were recorded. While in the hospitals pseudopatients wr their diaries about the behaviour witnessed of both staff and patients in thospitals. They recorded the behaviour of the staff and patients. Accept appropriate behaviour described such as the treatment of other patients staff, the comments made to the pseudopatients during their stay, described events that led up to the diagnosis of oral acquisitive syndrome, numbrills given and discarded, results of request to be released, etc.	the any by iption	
	<b>Veale and Riley:</b> Investigated BDD. Investigated beliefs and behaviours front of the mirror e.g. types of surfaces used, gazing time, thoughts during gazing, etc.		
	<b>Billington et al:</b> Subject choice at university, empathising and systemis were measured via the SQ and EQ. Intelligence was measured as well autism/AS features via IQ test and eyes test. Also used FC-EFT.	ing	
	For each study		
	No answer or incorrect answer.	0	
	Identification of point relevant to question but not related to study or comment from study but no point about behaviours investigated. The description may be very brief or muddled.	1	
	Description of point about behaviours investigated. (Comment with lack of understanding). A clear description that may lack some detail.	2	
	As above but with analysis (comment with comprehension) about behaviours investigated from the study. A clear description that is in sufficient detail.	3	
	Max mark	9	

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Question	Answer		Marks
3(c)	What problems may psychologists have when they try to investigate individual differences?	te	9
	Emphasis on problem. Answers supported with named (or other) studies problem does not need a different study; can use same study.	s. Each	
	Indicative content: Often unethical as participants are vulnerable (e.g. have mental health problems). May have to ask quite intrusive questions. Demand characteristics. Social desirability. Difficult to make studies ecologically valid. Validity of measures used to collect data. Difficult to make general conclusions about human behaviour. Study lacks generalisability. Problems with self-report when studying individual differences – the part may not want to discuss what is really going on – lacks validity. Longitudinal (using Thigpen and Cleckley/Freud as the example). Allow case studies as these are often used for individual differences (usi Thigpen and Cleckley/Freud as the example).		
	Or any other relevant problem.		
	Marks per point up to a MAXIMUM of three points.		
	No answer or incorrect answer.	0	
	Identification of problem.	1	
	Description of problem related to individual differences  OR a weak description of a problem related to individual differences and applied to a study.	2	
	Description of problem related to individual differences and applied to the study effectively.	3	
	Max mark	9	

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Question	Answer	Marks
4(a)	Outline what is meant by the term 'generalisations' in psychology.	2
	1 mark partial, 2 marks full	
	Generalisations are possible where the study is realistic <b>or</b> has a good sample – 1 mark  The extent to which the situation in the study is realistic – 1 mark  Conclusions that can be applied beyond the sample <b>or</b> setting tested = 2 marks  Generalisations are possible where the setting is realistic <b>and</b> can be applied to other settings. = 2 marks  The extent to which one group's results can be applied to the general/target population – 2 marks.	
	The candidate needs to outline the fact that this refers to the application of the results outside of the specific setting and/or sample in the specific study in order to achieve 2 marks.	

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Question	Answer		Marks
Using the	studies from the list below, answer the questions which follow:		
	. (lying) lein (kitten carousel) and Singer (emotion)		
4(b)	Describe one generalisation that can be made from each of these s	tudies.	,
	Mann et al.: Lying behaviours generally vary a lot across people, however lying behaviours seem to be fairly consistent. These include making less contact and having longer pauses. Increase in pauses and decreases in blinking when lying.	s eye	
	Held and Hein: All kittens/animals/people require movement in order to achieve depth perception. The passive kittens moved randomly in the viciliff test but when allowed to move freely they then moved to the shallow showing they had learned depth perception.	sual	
	Schachter and Singer: Generalisations made about the two factor theo emotion. Participants based their emotions on the situation they were in (euphoric or angry) if they were not given a physiological explanation for physical feelings (e.g. increased heart rate) they had experienced. Can generalise this to other situations and/or people.		
	For each study		
	No answer or incorrect answer.	0	
	Identification of point relevant to question but not related to study or comment from study but no point about generalisation.  The description may be very brief or muddled.	1	
	Description of point about generalisation from the study. (Comment with lack of understanding). A clear description that may lack some detail.	2	
	As above but with analysis (comment with comprehension) about generalisation. A clear description that is in sufficient detail.	3	
	Max mark	9	

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Question	Answer		Marks
4(c)	What are the problems when making generalisations from psycholoresearch?	ogical	9
	Emphasis on problem. Answers supported with named (or other) studies problem does not need a different study; can use same study.	s. Each	
	Indicative content: Difficult to get a varied sample. Difficult to make studies high in ecological validity without sacrificing contemporal validity (generalisations could be accurate in one time period a changes as time changes). Ethnocentric nature of psychological research. Problems with reliability such as control, extraneous variables, etc. Problems with validity such as demand characteristics, social desirability. Any other appropriate problem.	and this	
	Marks per point up to a MAXIMUM of three points.		
	No answer or incorrect answer.	0	
	Brief description of problem.	1	
	Description of problem related to making generalisations OR a weak description of problem related to making generalisations and applied to a study.	2	
	Description of problem related to making generalisations and applied to the study effectively.	3	
	Max mark	9	

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