

INTERNATIONAL A-LEVEL PSYCHOLOGY

(9685) Mark scheme

Unit 4: Approaches and application

Specimen 2018

Mark schemes are prepared by the lead assessment writer and considered, together with the relevant questions, by a panel of subject teachers. This mark scheme includes any amendments made at the standardisation events which all associates participate in and is the scheme which was used by them in this examination. The standardisation process ensures that the mark scheme covers the students' responses to questions and that every associate understands and applies it in the same, correct way. As preparation for standardisation each associate analyses a number of students' scripts. Alternative answers not already covered by the mark scheme are discussed and legislated for. If, after the standardisation process, associates encounter unusual answers which have not been raised they are required to refer these to the lead assessment writer.

It must be stressed that a mark scheme is a working document, in many cases further developed and expanded on the basis of students' reactions to a particular paper. Assumptions about future mark schemes on the basis of one year's document should be avoided; whilst the guiding principles of assessment remain constant, details will change, depending on the content of a particular examination paper.

International A-level Psychology mark scheme

How to mark

Aims

When you are marking your allocation of scripts your main aims should be to:

- · recognise and identify the achievements of students
- place students in the appropriate mark band and in the appropriate part of that mark band (high, low, middle) for **each** Assessment Objective
- record your judgements with brief notes, annotations and comments that are relevant to the mark scheme and make it clear to other examiners how you have arrived at the numerical mark awarded for each Assessment Objective
- ensure comparability of assessment for all students, regardless of question or examiner.

Approach

It is important to be **open-minded** and **positive** when marking scripts.

The specification recognises the variety of experiences and knowledge that students will have. It encourages them to study psychology in a way that is relevant to them. The questions have been designed to give them opportunities to discuss what they have found out about psychology. It is important to assess the quality of **what the student offers**.

Do not mark scripts based on the answer **you** would have written. The mark schemes have been composed to assess **quality of response** and not to identify expected items of knowledge.

Assessment Objectives

This component requires students to:

AO1	Demonstrate knowledge and understanding of scientific ideas, processes, techniques and procedures.
AO2	Apply knowledge and understanding of scientific ideas, processes, techniques and procedures:
	in a theoretical context
	in a practical context
	when handling qualitative data
	when handling quantitative data.
AO3	Analyse, interpret and evaluate scientific information, ideas and evidence, including in relation to issues, to:
	make judgements and reach conclusions
	develop and refine practical design and procedures.

The marking grids

Do not think of levels equalling grade boundaries.

Depending on the part of the examination, the levels will have different mark ranges assigned to them. This will reflect the different weighting of Assessment Objectives in particular tasks and across the examination as a whole.

Using the grids

Having familiarised yourself with the descriptors and indicative content, read through the answer and annotate it (as instructed below) to identify the qualities that are being looked for and that it shows. You can now check the levels and award a mark.

Step 1 Determine a level

Start at the lowest level of the mark scheme and use it as a ladder to see whether the answer meets the descriptors for that level. The descriptors for the level indicate the different qualities that might be seen in the student's answer for that level. If it meets all the descriptors for the lowest level then go to the next one and decide if it meets this level, and so on, until you have a match between the level descriptors and the answer. With practice and familiarity you will find that for better answers you will be able to skip through the lower levels of the mark scheme quickly.

When assigning a level you should look at the overall quality of the answer and not look to pick holes in small and specific parts of the answer where the student has not performed quite as well as the rest. If the answer covers different aspects of different levels of the mark scheme you should use a best-fit approach for defining the level and then use the variability of the response to help decide the mark within the level.

Step 2 Determine a mark

Once you have assigned a level you need to decide on the mark.

It is often best to start in the middle of the level's mark range and then check and adjust. If there is a lot of indicative content fully identifiable in the work you need to give the highest mark in the level. If only some is identifiable or it is only partially fulfilled, then give the lower mark.

The exemplar materials used during standardisation will also help. There will be an answer in the standardising materials that will correspond with each level of the mark scheme. This answer will have been awarded a mark by the lead examiner. You can compare the student's answer with the example to determine if it is of the same standard, better or worse than the example. You can then use this to allocate a mark for the answer based on the Lead Examiner's mark on the example.

You may well need to read back through the answer as you apply the mark scheme to clarify points and assure yourself that the level and the mark are appropriate.

In addition to the levels descriptors, question specific indicative content is provided as a guide for examiners. This is not intended to be exhaustive and you must credit other valid points.

An answer that contains nothing of relevance to the question must be awarded no marks.

Annotating scripts

You should write a summative comment at the end for each Assessment Objective and indicate the marks for each Assessment Objective being tested at the end of the answer in the margin in sequence. It is vital that the way you arrive at a mark should be recorded on the script. This will help you with making accurate judgements and it will help any subsequent markers to identify how you are thinking. Please do not write negative comments about students' work or their alleged aptitudes; this is unprofessional and it impedes a positive marking approach.

Total for this section: 30 marks

Section A: Approaches in psychology

Question	Part	Marking	guidance		Total marks			
01		group of the film 5 year of on how boys ha	As part of a study into social learning, a psychologist showed a group of 5 year old boys a film of a young boy of similar age. In the film the young boy was stroking a rabbit. Whilst the group of 5 year old boys watched the film, the psychologist commented on how kind the boy in the film was. After the group of 5 year old boys had watched the film, the psychologist brought a rabbit into the room and waited to see how they behaved with the rabbit.					
		Explain situatio	how social learning might have occurred in thin.	is				
		Award 1	mark for any four of the following applications:					
		`	group of boys observed the actions of a role model in film).					
		• The r	ole model was of similar age so they could identify	with him.				
			poys who observed would use mediating cognitive end to/remember/appraise the actions of the boy in	•				
			osychologist's comments (praise) acted as vicariou orcement.	S				
			dren would be likely to imitate the actions of the booke the rabbit).	y in the	AO2=4			
02		Explain	two limitations of the cognitive approach in ps	ychology.	6			
		Possibl	e limitations include:					
			computer model approach neglects emotional, mot I factors in human behaviour (machine reductionis					
		•	nasis on highly controlled laboratory research mean of the evidence relates poorly to everyday behavi					
			 Mental processes are often inferred only on the basis of behaviour in experiments and are not observed directly. 					
			retical models are quite abstract – they often desci explain.	ribe rather				
		Credit o	ther relevant limitations.					
		For eac	For each limitation award marks as follows:					
		3	A limitation is explained in detail. The answer is clear with appropriate use of terminology.	3				
		2	A limitation is explained but detail is lacking. The answer lacks clarity in places.	2				
		1	A limitation is briefly presented but there is little or no explanation. The answer is very limited/vague/muddled.	1				
		0	No creditable content.		AO3=6			

Question	Part	Marking	guidance		Total marks
03			e and evaluate the behaviourist approach in ps your answer to at least one topic you have stu		20
		Possibl	e content:		
	 Behaviourist theories eg classical conditioning (UCS, CS, UCR, CR), operant conditioning – learning by association between response and consequence. 				
		• Work in do	of Pavlov – classical conditioning of salivation res	ponse	
			of Skinner, operant conditioning of bar pressing in ons etc.	rats,	
			ept of reinforcement, types of reinforcement (positive, primary, secondary).	ive,	
		Credit o	ther relevant content.		
		Possibl	e evaluation points and use of topic:		
		• Enha	ncing scientific status of psychology.		
	Use of objective scientific methods – systematic manipulation of variables, focus on observable behaviour, control, demonstration of cause and effect.				
			ulness in explaining behaviour eg two-process explias (topic).	lanation of	
		Useful (topic)	ulness in treating behaviour eg systematic desensi: c).	tisation	
			rtance of reinforcement in any context eg child devolece, social support and resistance to influence (to	•	
		• Over	simplification of all behaviour into S-R links (reduct	ionism).	
			al issues associated with control and manipulation viour.	of	
		• Cont	rol contrasted with notion of free will.		
		Credit o	ther relevant evaluation/use of topic.		
		Level	Description	Marks	
		4	Knowledge of the behaviourist approach is accurate and generally well detailed. Evaluation is thorough and effective. Use of topic is appropriate. Minor detail and/or expansion of argument is sometimes lacking. The answer is clear and focused. Specialist terminology is mostly used effectively.	20–16	
		3	Knowledge of the behaviourist approach is evident but there are occasional inaccuracies/omissions. Evaluation is mostly effective. Use of topic is mostly appropriate. The answer is mostly clear and organised but	15–11	

Total for this section: 30 marks

Question	Part	Marking	Marking guidance				
03			occasionally lacks focus. Specialist terminology is mostly used appropriately.				
		2	Limited knowledge of the behaviourist approach is present. Focus is mainly on description. Any evaluation/use of topic is of limited effectiveness. The answer lacks clarity, accuracy and organisation in places. Specialist terminology is occasionally used appropriately.	10–6			
		1	Knowledge of the behaviourist approach is very limited. Evaluation/use of topic 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.	5–1	A02 42		
		0	No creditable content.		AO3=12 AO1=8		

Section B: Issues and debates in psychology

Question	Part	Marking guidance	Total marks
04		A key feature of science is objectivity.	4
		Outline what is meant by objectivity. Explain why objectivity is important in psychological research.	
		AO1	
		2 marks for a clear explanation of what is meant by objectivity: where measurement is unaffected by the opinions/expectations/values of the researcher/observer.	
		1 mark for a limited, vague or muddled explanation.	
		AO3	
		1 mark each for any two for the following points:	
		Ensures that data that is free from (researcher) bias.	
		Ensures that measurement is valid (measures what is supposed to be measured).	
		Especially important in psychology because researchers are people and so are more likely to be biased when studying people.	AO3=2 AO1=2
05		Identify two types of reductionism.	2
		1 mark for each type identified:	
		Biological reductionism.	
		S-R reductionism or environmental reductionism.	AO1=2

Question	Part	Marking guidance	Total marks
06		Briefly explain one strength and one limitation of reductionism.	4
		In each case award as follows:	
		2 marks for a clear explanation of a strength/limitation of reductionism.	
		1 mark for a limited/vague/muddled explanation.	
		Possible strengths:	
		Explaining behaviours at a basic/fundamental level enables greater understanding of the mechanisms involved.	
		Understanding basic biological mechanisms allows researchers to find treatments eg drugs for schizophrenia.	
		Variables are isolated, manipulated and measured so researchers can confidently show cause and effect.	
		Gives greater credibility to psychology as reductionism is the basis of scientific research.	
		Possible limitations:	
		Oversimplifies complex behaviour – tends to work at the level of description rather than explanation.	
		Loses sight of the whole person – comparison with holism.	
		Takes no account of the social context in which behaviour occurs.	
		Credit other relevant strengths and limitations.	AO3=4
07		Discuss the nature-nurture debate in psychology. Refer in your answer to two topics you have studied.	20
		Possible content:	
		Debate about the relative importance of heredity and environment in determining behaviour.	
		Nature side of the debate assumes heredity is more important.	
		Nurture side of the debate assumes environment is more important.	
		Nature aspect is rooted in nativist theory that knowledge/abilities are innate.	
		Nurture aspect rooted in empiricist theory that knowledge derives form learning – Locke's view of mind as a 'tabula rasa' or blank slate on which experiences are written.	
		Credit other relevant content.	
		Possible discussion points and use of topics:	
		 Use of evidence to support the influence of nature, eg twin studies of schizophrenia showing higher concordance for MZ pairs than for DZ pairs (topic). 	
		Use of evidence to support the influence of learning, eg studies of	

Question	Part	Marking	g guidance		Total marks
07		scaff	folding in cognitive development (topic).		
			s with theories, eg how Baillargeon's work supports of the debate (topic).	the nature	
			cations of taking either a nature or a nurture stance ation, treatment of disorders (topic) etc.	e, eg for	
		• Need	d for an interactionist view to take account of both in	nfluences.	
			structivism – individuals inherit a tendency to seek on the innervironment.	out a	
		Credit o	other relevant discussion/use of topics.		
		Level	Description	Marks	
		4	Knowledge of the nature-nurture debate is accurate and generally well detailed. Discussion is thorough and effective. Use of topics is appropriate. Minor detail and/or expansion of argument is sometimes lacking. The answer is clear and focused. Specialist terminology is mostly used effectively.	20–16	
		3	Knowledge of the nature-nurture debate is evident but there are occasional inaccuracies/omissions. Discussion is mostly effective. Use of topics is mostly appropriate. The answer is mostly clear and organised but occasionally lacks focus. Specialist terminology is mostly used appropriately.	15–11	
		2	Limited knowledge of the nature-nurture debate is present. Focus is mainly on description. Any discussion/use of topics is of limited effectiveness. The answer lacks clarity, accuracy and organisation in places. Specialist terminology is occasionally used appropriately.	10–6	
		1	Knowledge of the nature-nurture debate is very limited. Discussion/use of topics 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.	5–1	AO3=12
		0	No creditable content.		AO3=12 AO1=8

Total for this section: 30 marks

Section C: Applied psychology: work and the individual

Question	Part	Marking guidance		Total marks
08		Below (A–G) are examples of how people be	have at work.	6
		Choose one of the examples (A–G) to match behaviours in Table 1. Use a different examp behaviour. Write the appropriate letter in the relevant behaviour. You may use each letter once or not at all.		
		Award 1 mark for each correct answer in the ta	ble below.	
		Behaviour	Letter	
		Risky shift	Е	
		In-group, out-group effects	G	
		Social facilitation	Α	
		Groupthink	D	
		Deindividuation	F	
		Social loafing	С	AO1=6
09		Oti needs to communicate important information in another office. She wonders whether she email or have a face-to-face meeting.	_	3
		Referring to egocentrism, explain why it mig use email in this situation.	ht be better not to	
		1 mark for each of the following:		
		Egocentrism occurs when the sender of a coperceives the message from their own point to see the message from the point of view of		
		With important messages it is crucial that the interpret the message in the same way.		
		With email the sender cannot check to see the runderstood the message in the way it was intensisunderstanding, it would be better for Oti to d in person.	AO2=3	

Question	Part	Marking	guidance		Total marks
10		2 shows	terprises introduced new working systems in 20 s the number of absences due to stress-related Enterprises in the last 2 years.		9
			our knowledge of how workload and control affo , what can you conclude about the data in Table		
		Possibl	e content includes:		
		latitud	ee of control a person has over their workload (decide) directly affects stress; higher control leads to love control leads to higher stress.		
		• Excest do).	ssive workload can lead to stress (or having too little	e work to	
		most	rol and workload can interact: Karasek's model state stressful jobs have high demand and low control, wastressful jobs have low demand and high control.		
		Credit o	ther relevant content.		
		Conclus	sion:		
			data in the table show a marked decrease in the nur of employee absence in 2016 compared with the pr		
			suggests that the changes in working systems have byees in two possible ways;	affected	
		,	orkloads have become more anageable/sensible/reasonable,		
		b) en	nployees have been given more control over their w	ork.	
		Level	Description	Marks	
		3	Knowledge of workload and control is accurate. The conclusion is appropriate showing effective application. The answer is clear and organised. There is some effective use of specialist terminology.	9–7	
		2	Knowledge of workload and control is evident but there are occasional inaccuracies/omissions. The conclusion is partly appropriate showing some appropriate application. The answer lacks clarity and organisation in places. There is some appropriate use of specialist terminology.	6–4	
		1	Knowledge of workload and/or control is either limited or very limited. The conclusion is either inappropriate, limited or absent showing limited or no application. The answer lacks clarity and is poorly organised. Specialist terminology is either absent or inappropriately used.	3–1	AO2 4
		0	No creditable content.		AO3=4 AO2=5

Question	Part	Marking guidance	Total marks
11		Arwa enjoys work and appreciates that she is well paid. She has fun with her colleagues and likes the challenges involved in solving complex problems at work. Her supervisor often tells her how well she works. At her recent appraisal Arwa said she wants to become a senior manager within the next two years.	12
		Describe two theories of job motivation and satisfaction. Explain how each theory can be applied to Arwa.	
		Possible content includes:	
		Any two of the following theories	
		 Need theory: Maslow's theory of motivation suggests people have a hierarchy of needs; the hierarchy moves from basic physiological needs (hunger, thirst, shelter) to higher psychological needs (need for self-esteem, need to belong, need for self-actualisation); people's behaviour is driven by the need to work towards self-actualisation. 	
		Expectancy theory: people are motivated to work because they expect to achieve what they want from their job; motivation is due to combined effect of three factors: expectancy – belief that effort will result in performance, instrumentality – belief that performance will be rewarded, valence – perception of value of the rewards.	
		Goal-setting theory: people are motivated to work hard if they have difficult but attainable goals; more effective if the workers take part in the goal-setting process by negotiating and agreeing targets; effective goals should be accepted by workers, difficult but attainable, specific, involve feedback; effectiveness is also dependent on worker efficacy.	
		Credit also other relevant examples of the three types of theory.	
		Possible applications/explanation:	
		For credit, the behaviour in the text must be linked to a relevant component of theory.	
		Need theory: Arwa's social needs are met at work – she enjoys time with her colleagues (Maslow's social needs); Arwa's esteem needs are met – boss praises her; Arwa's cognitive needs are met – she enjoys the challenge of solving problems; Arwa's basic needs can be met because she earns money (to buy food etc).	
		Expectancy theory: Arwa believes she can solve problems at work (expectancy); Arwa's boss praises her performance so Arwa understands her efforts will be successful (instrumentality); Arwa's efforts earn her a good salary (instrumentality); Arwa appreciates that she is paid well for working hard (valence).	
		Goal-setting theory: Arwa is motivated by the difficult challenge of solving complex problems; Arwa takes part in an appraisal process to set goals/targets; Arwa gets feedback on how she is doing from her boss; Arwa appears to have self-efficacy – she appears confident in her ability as she aspires to be promoted.	
		Credit other relevant applications.	

Question	Part	Marking	guidance		Total marks
11		Note: if best two	student offers more than two theories then credit the	е	
		Level	Description	Marks	
		4	Knowledge of two theories is accurate and generally well detailed. Application/explanation is effective. The answer is clear, organised and focused. Specialist terminology is mostly used effectively.	12–10	
		3	Knowledge of two theories is evident but there are occasional inaccuracies/omissions. There is some appropriate application/explanation. The answer is mostly clear and organised. Specialist terminology is mostly used appropriately.	9–7	
		2	Limited knowledge of two theories is present. There is some limited application/explanation. The answer lacks clarity, accuracy and organisation in places. Specialist terminology is occasionally used appropriately.	6–4	
			or		
			One theory at Level 3/4.		
		1	Knowledge of one/two theories is very limited. Application/explanation is limited, poorly focused or absent. The answer lacks clarity, has many inaccuracies and is poorly organised. Specialist terminology is either absent or inappropriately used.	3–1	
			or		
			One theory at Level 2.		AO2=6
		0	No creditable content.		AO1=6

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Visit our website for information, guidance, support and resources at oxfordaqaexams.org.uk You can contact the psychology team directly;

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