

Mark scheme

Question			Answer/Indicative content	Marks	Guidance
1			A		peer review
			Total	1	
2	a	<p>Which section of the write-up of a practical report would each of the following appear in, other than the abstract?</p> <p>a. Details of sample obtained. [1]</p> <p>b. Suggestions for possible future research.[1]</p>	Method	Max 2 [1+1] 1	Accept methodology.
	b		Discussion	1	Accept methodology. <u>Examiner's Comments</u> A large proportion of candidates knew the answers, however some still used abstract despite the question asking them not to.
			Total	2	
3			A		name of the university the research was conducted at
			Total	1	
4			B	1	A summary of the research <u>Examiner's Comments</u> Most answered this correctly.
			Total	1	
5		<div style="border: 1px solid black; padding: 5px; width: fit-content;"> <p>Depends on candidates own practical activity Answers could include but are not limited to: sample size, method used, design used, data collected, reliability, usefulness of data collected</p> </div>		Max 4	-Context here = the theme of the candidates own chosen practical activity If candidates write a generic evaluation point which could be included in a discussion session of a practical report (but this is not their own practical report) cap at 2 marks.

			<p>4 marks for an identification with a developed explanation (in context) that is applied meaningfully to the details/findings of the practical activity.</p> <p>3 marks for an identification with a basic/generic explanation of the evaluation point in context.</p> <table border="1"> <tr> <td>2 marks for an identification with a basic/generic explanation of the evaluation point.</td> <td>Or 2 marks for identification of the evaluation point in context.</td> </tr> </table> <p>1 mark for identifying an appropriate evaluation point.</p>	2 marks for an identification with a basic/generic explanation of the evaluation point.	Or 2 marks for identification of the evaluation point in context.		<p>If candidates elaborate on their evaluation with a relevant counterargument about the same issue this can be accepted as part of a developed explanation.</p> <p><u>Examiner's Comments</u></p> <p>There was a mixed response to this question. Many candidates discussed a finding/conclusion rather than an evaluation issue. The candidates who were able to access full marks were able to identify and elaborate on an evaluation point from their own practical activity and explain why it was a strength or weakness.</p>
2 marks for an identification with a basic/generic explanation of the evaluation point.	Or 2 marks for identification of the evaluation point in context.						
			Total	4			
6		A		1	<p><u>Examiner's Comments</u></p> <p>The majority of candidates responded correctly.</p>		
			Total	1			
7		C		1	<p><u>Examiner's Comments</u></p> <p>A number of candidates were unable to give a correct response to this question.</p>		
			Total	1			
8		B		1	<p><u>Examiner's Comments</u></p> <p>Most candidates answered this question correctly.</p>		
			Total	1			
9		D		1	<p><u>Examiner's Comments</u></p> <p>The question was answered correctly by most candidates.</p>		
			Total	1			
10	a	appendices		1	<p><u>Examiner's Comments</u></p> <p>Answered correctly by some candidates. Incorrect responses covered other sections of the scientific report such as abstract, results and conclusion/discussion.</p>		

	b		appendices	1	<u>Examiner's Comments</u> Answered correctly by less than half of candidates. Incorrect responses covered other sections of the scientific report such as abstract, results and conclusion/discussion.
			Total	2	
11			C introduction		<u>Examiner's Comments</u> Answered correctly by over half of candidates. Incorrect choices by candidates were varied.
			Total	1	
12			B peer review		<u>Examiner's Comments</u> The majority of candidates responded correctly. Incorrect choices by candidates were varied.
			Total	1	
13			B	1	
			Total	1	
14			A	1	
			Total	1	
15			B	1	
			Total	1	
16			D	1	
			Total	1	
17			D surname	1	
			Total	1	
18			D	1	
			Total	1	
19			D abstract	1	<u>Examiner's Comments</u> Answered correctly by 98% of candidates. Nearly all candidates answered this correctly.
			Total	1	

20			B	1	
			Total	1	
21			B	1	
			Total	1	
22			A	1	
			Total	1	
23			<p>Responses here will vary depending on the nature of what the candidate investigated in their chosen practical activity.</p> <hr/> <p>Conclusion clearly outlined in context</p> <hr/> <p>Conclusion clearly outlined but not in context</p> <hr/> <p>Brief and / or weak attempt to outline conclusion (whether in context or not)</p> <hr/> <p>The candidate has not provided any creditworthy information</p>	<p>Max 3</p> <p>3</p> <p>2</p> <p>1</p> <p>0</p>	<p>-Note: it is not necessary to know the full aim or hypothesis of the candidates chosen practical activity in order to be able to gain full marks here.</p> <p>-Must be a conclusion (interpretation of a finding) and not simply the presentation of results / findings. Cap at 1 mark max if just a finding(s) / result(s) presented</p> <p>For 3 marks there must be sufficient detail / elaboration. For example ...</p> <p>-The conclusion could be elaborated by suggestion of an application of the outcome of their study</p> <p>-An explanation of why the findings occurred as they did is another way of elaborating on their response</p> <p><u>Examiner's Comments</u></p> <p>Many candidates here simply presented a finding from one of their own practical activities undertaken, rather than a conclusion (interpretation of a finding) as the question asked for. Not only this, some candidates incorrectly made reference to the study presented on the question paper (with some even using the actual data provided) and not an outcome from one of their own practical activities. It is important therefore to note that questions other than the extended 15 mark one can also require candidates to utilise the knowledge and experience acquired from conducting their own practical activities, and that there may be</p>

					specific questions related to any aspect of this (ie it will not just be limited to the 15 mark question on the paper).
			Total	3	
24			B	1	<u>Examiner's Comments</u> Responses to this question reveal that some candidates are not conversant with the way that practical reports are written up and the use of formal sections and sub-sections for documenting specific parts of the research undertaken.
			Total	1	
25			D	1	<u>Examiner's Comments</u> Mostly correct responses for this question
			Total	1	
26			C	1	<u>Examiner's Comments</u> Mostly correct responses for this question
			Total	1	
27			Possible things could include: standardised instructions; description of the box used; raw data for number of students who 'did' and 'did not' open the box; calculations (e.g. for the chi square test, and / or mean) etc Three appropriate things identified Two appropriate things identified One appropriate thing identified The candidate has not provided any creditworthy information	Max 3 3 2 1 0	-Context = student(s) (science, arts, humanities), did open, did not open box -Cap at 2 marks max if none of the suggested things are identified in context
			Total	3	
28			D	1	
			Total	1	

29			B	1	
			Total	1	
30			<p>Look at the following academic reference. Piliavin, I.M., Rodin, J.A. & Piliavin, J. (1969) Good Samaritanism: An underground phenomenon? <i>Journal of Personality and Social Psychology</i> 13. What is the error in this Harvard style reference?</p> <p>1 mark for B – the page numbers are missing.</p>	1 AO1 1b	
			Total	1	
31	a		<p>Outline the purpose of peer review in psychological research.</p> <p>1 mark for demonstrating basic knowledge and understanding of the term peer review e.g. where fellow psychologists examine another's research. plans / procedure/findings / article – this understanding may be implicit in the response.</p> <p>1 further mark for a brief or basic explanation of the purpose of peer review e.g. to check the reliability of findings, to identify if there any mistakes / errors of judgement, to reduce the chance of bias, etc.</p> <p>Or 2 further marks for a more developed explanation of the purpose e.g. 'peer review ensures a level of reliability (1) because if more than one researcher agrees on the value of an investigation and on the validity of findings then the research is easier to trust (1)'.</p> <p>Other appropriate responses should be credited.</p>	3 AO1 1b	
	b		<p>Following a peer review, the following statement was made about the study above; “There is a potential issue with social desirability when considering these findings.”</p>	5 1 AO1 1a 2 AO2 c	

		<p>Explain what this statement means in relation to this study.</p> <p><u>AO1 – 1 mark</u></p> <p>1 x AO1 mark for demonstrating an understanding of the meaning of the term social desirability, e.g. when participants respond in a way they think they ought to.</p> <p><u>AO2 – 2 marks</u></p> <p>Up to 2 x AO2 marks for applying the term and associated issues to the context of the study, e.g. employees may worry for their jobs / promotion prospects if they say they are not satisfied with their job, people may feel foolish for doing a job they don't like so pretend they do like it, employees may feel under pressure from co-workers to say they don't enjoy their work, employees may think they should be seen to like working in a hot desking office because it's a new initiative / more modern, office workers may rate job satisfaction highly to retain their personal desks, etc.</p> <p><u>AO3 – 2 marks</u></p> <p>Up to 2 x AO3 marks for interpreting the information, making a judgement and reaching a conclusion on the issue – for example in terms of why it happens (e.g. participants want to please the researcher, people do not want to appear different from their peers) or of the consequences (e.g. invalid results, exaggeration or underestimation of an effect).</p> <p>Other appropriate responses should be credited.</p>	2 AO3 1b	
		Total	8	
32		<p>What is always included in an academic reference?</p> <p>1 mark for A – date of publication</p>	1 AO1 1b (r)	

			Total	1	
33			What is the purpose of an Abstract in a practical report? 1 mark for A – to give an overview of the main stages of an investigation.	1 AO1 1a	
			Total	1	
34	a		Name the graph that would be used to show a correlational analysis. 1 mark for scatter diagram.	1 AO1 1b (m)	Also accept 'scattergraph' and 'scattergram'.
	b		Name the section of a practical report where a graph would be presented. 1 mark for 'Results'.	1 AO1 1b	
			Total	2	
35	a		(a) Appendices	Max 4	
	b		(c) References		
	c		(b) procedure (also credit 'method' as section the procedure is in)		
	d		(d) Discussion One mark each for correctly identifying the section or sub-section Section or sub-section correctly identified for all 4 things Section or sub-section correctly identified for 3 things Section or sub-section correctly identified for 2 things Section or sub-section correctly identified for 1 things The candidate has not provided any creditworthy information	4 3 2 1 0	<u>Examiner's Comments</u> It was somewhat of a surprise, and disappointing that many candidates did not know the name of the relevant section or sub-section of a practical report where the things identified by these questions would appear. This shows the importance, not only of covering these things in general (report writing), but reinforcing this knowledge and understanding when students conduct their own practical activities and subsequently write them up.
			Total	4	
36			C	1	<u>Examiner's Comments</u> Majority of correct responses here
			Total	1	
37			B	1	<u>Examiner's Comments</u> Mostly correct
			Total	1	

38			C	1	<u>Examiner's Comments</u> Mostly correct
			Total	1	
39			B	1	<u>Examiner's Comments</u> Mostly correct, although some incorrectly chose the results section
			Total	1	