OCR
Oxford Cambridge and RSA

Applied Science

OCR GCE Unit G632 The Mind and the Brain

Unit Recording Sheet

Please read the instructions printed at the end of this form. **One** of these sheets, suitably completed, should be attached to the assessed work of **each** candidate.

Unit Title	**The Mind and the Brain**	**Unit Code**	**G632**	**Session**	**June**	**Year**	**2**	**0**		
Centre Name					**Centre Number**					
Candidate Name					**Candidate Number**					

Evidence: The candidate needs to produce evidence of a comprehensive exploration of research methods employed in the study of mind and brain

Criteria			Teacher Comment	Mark	Page No.
AO1(a).1: Candidate will produce **one** fact sheet including selected information about stress and related illness that has been clearly presented; **[0 1 2]**	AO1(a).2: candidate will produce **one** detailed set of researched fact sheets including a clear definition of stress, its possible causes and its effects on health, with relevant information selected and clearly and logically presented; **[3]**	AO1(a).3: candidate will produce **one** set of detailed fact sheets, detailed work based on thorough research, including a clear definition of stress, its possible causes and its effects on health with reference to intervention programmes; candidate will provide evidence that relevant information has been selected from a variety of sources and is clearly and logically presented. **[4 5]**			
AO1(b).1: Candidate will produce **one** fact sheet including selected information about the study of the brain that has been clearly presented; **[0 1 2]**	AO1(b).2: candidate will produce **one** detailed set of researched fact sheets that have been clearly presented, based on the study of the brain; **[3]**	AO1(b).3: candidate will produce **one** set of detailed fact sheets, detailed work based on thorough research, into both the healthy and the damaged brain, with evidence that relevant information has been selected from a variety of sources and is clearly and logically presented. **[4 5]**			

AO2(a).1: Candidate will demonstrate a basic knowledge of the methods used in studying the brain and how they are used in an experimental or a clinical setting; **[0 1 2]**	AO2(a).2: candidate will demonstrate knowledge and understanding of the methods used in studying the brain and explain how they are used in both an experimental and a clinical setting; candidate will mostly use scientific terms accurately; **[3 4 5]**	AO2(a).3: candidate will demonstrate a thorough knowledge and understanding of the methods used in studying the brain; candidate will explain how such methods are used in both an experimental and a clinical setting, and how they are used in confirming hypotheses regarding normal brain function and in the diagnosis of brain diseases; candidate will use appropriate scientific terms accurately throughout. **[6]**			

Criteria			Teacher Comment	Mark	Page No.
AO2(b).1: Candidate will carefully select information and present it clearly; candidate will acknowledge the ethical aspects of brain research; **[0 1 2]**	AO2(b).2: candidate will select carefully a wide range of information, giving reasons for their choice of resources; candidate will present information clearly and logically; candidate will discuss the moral and ethical implications of brain research; **[3]**	AO2(b).3: candidate will demonstrate an ability to identify the preferable methods for investigating a particular research question; candidate will evaluate information both for and against a method, presenting it clearly and logically; candidate will discuss comprehensively moral, ethical and conceptual considerations associated with the various methods employed in brain research; candidate will provide evidence of statistical research. **[4 5]**			
AO2(c).1: Candidate will show evidence of completing simple calculations either using researched statistical evidence or that obtained from their investigative work and prepare a fact sheet showing the results; **[0 1]**	AO2(c).2: candidate will show evidence of completing simple and complex calculations either using researched statistical evidence or that obtained from their investigative work and prepare a fact sheet showing statistical-test calculations with some summary of results; **[2]**	AO2(c).3: candidate will show evidence of completing calculations either using researched statistical evidence or that obtained from their investigative work and present a fact sheet with full explanation of the rationale behind the test and result gained. **[3]**			
AO3(a).1: Candidate will carry out a simple experiment to evaluate a particular cognitive function following ethical guidelines; **[0 1 2]**	AO3(a).2: candidate will design and carry out a simple experiment to evaluate a particular cognitive function showing evidence of consideration of ethical guidelines; **[3]**	AO3(c).3: candidate will design and carry out an experiment to evaluate a particular cognitive function showing evidence of all relevant ethical guidelines and steps taken to reduce risk. **[4 5]**			

AO3(b).1: Candidate will plan and investigate a research problem and show that he/she has considered appropriate ethical issues; candidate will include evidence of basic research using correct punctuation and grammar and show referencing of sources used; **[0 1 2]**	AO3(b).2: candidate will plan confidently and complete their research problem, identifying its advantages and limitations; candidate will provide evidence that they have considered ethical issues; candidate will include evidence of selected research generally using correct punctuation and grammar and show detailed referencing of sources used; **[3 4 5]**	AO3(b).3: candidate will plan thoroughly and complete their research problem; candidate demonstrates a clear understanding and justification of their work; candidate demonstrates consideration of ethical issues in their design; candidate will include evidence of selected and detailed research using correct punctuation and grammar with detailed referencing of all sources used. **[6]**			

Criteria			Teacher Comments	Mark	Page No.
AO3(c).1: Candidate will record data relating to their design and display the data; candidate will show some processing of their data; **[0 1 2]**	AO3(c).2: candidate will record precisely relevant data and display the scientific data accurately in a range of ways using tables simple graphs; candidate will show processing of their data; **[3 4 5]**	AO3(c).3: candidate will record precisely a detailed data set; candidate will display the scientific data accurately in a range of ways; candidate will collect sufficient data to complete simple statistics on the results. **[6]**			
AO3(d).1: Candidate will offer a basic interpretation of the results and draw a basic conclusion; **[0 1 2]**	AO3(d).2: candidate will interpret the results and draw basic conclusions, explaining their results clearly, making real-life application wherever appropriate; **[3]**	AO3(d).3: candidate will interpret the results in detail using secondary sources to support their findings and draw conclusions relating to their results. **[4 5]**			
AO3(e).1: Candidate will offer a basic evaluation of their work; **[0 1]**	AO3(e).2: candidate will provide examples of how their work could be improved upon and whether their chosen method is the most suitable, identifying advantages and limitations; **[2 3]**	AO3(e).3: candidate will provide practical and clinical analogies wherever appropriate and discuss how their experimental design could be modified using other existing methods and suggestions for further research. **[4]**			
			Total/50		

If this work is a re-sit, please tick		Session and Year of previous submission	Jan / June	2	0			**Please tick to indicate this work has been standardised internally**	

Please note: This form may be updated on an annual basis. The current version of this form will be available on the OCR website (www.ocr.org.uk).

Guidance on Completion of this Form

1 **One** sheet should be used for each candidate.
2 Please ensure that the appropriate boxes at the top of the form are completed.
3 Please enter *specific* page numbers where evidence can be found in the portfolio, and where possible, indicate to which part of the text in the mark band the evidence relates.
4 Circle the mark awarded for each strand of the marking criteria in the appropriate box and also enter the circled mark in the final column.
5 Add the marks for the strands together to give a total out of 50. Enter this total in the relevant box.