Last on Exam	Term	
	Aims & Hypotheses	
	Aims	
A level 2020 / 2019	Hypotheses: Should the hypothesis be directional?	
A level 2021 / 2020 / 2019 / 2018	Write a Hypothesis	
A level 2019	Identify the IV	
A level 2019 / 2017	Identify the DV	
	Explain what is meant by operationalisation	
	Variables & Controls	
A level 2021 / 2017	Extraneous Variables: Identify one	
	Confounding Variables	
	Demand Characteristics	
A level 2020 / 2019 / 2018	Investigator Effects	
A level 2018	Randomisation – p's to conditions	
A level 2022	Standardisation – script / procedure	
	Experimental Designs	
A level 2020 / 2017	Independent groups design	
A level 2018 / 2017	Repeated measures design	
A level 2018	Counterbalancing	
A level 2020 / 2019 / 2017	Matched pairs design	
	Types of Experiments	
A level 2017	Laboratory Experiments	
A level 2021	Field Experiments	
	Natural Experiments	
	Quasi-experiments	
	Sampling Techniques	
A level 2020	Population	
A level 2021	Random Sampling	
	Systematic Sampling	
A level 2018	Stratified Sampling	
A level 2019	Opportunity Sampling	
A level 2021	Volunteer Sampling	
	Ethics	
	Ethical issues – Informed Consent & Deal with – consent letter	
A level 2021	Ethical issues – deception & Deal with - debrief	
	Ethical Issues – protection from harm & Deal with - debrief	
	Ethical issues – privacy and confidentiality & Deal with - anonymity	
A level 2018	Pilot studies	
	Single Blind procedure	
	Double Blind procedure	

Observations		
A level 2017	Naturalistic Observation	
A level 2022 / 2020	Controlled Observation	
	Covert Observation	
	Overt Observation	
	Participant Observation	
	Non-Participant Observation	
	Structured Observations	
	Unstructured Observations	
A level 2022 / 2021	Behavioural Categories	
	Event Sampling	
A level 2022	Time Sampling	

Self-Report		
A level 2020	Self-report Rating scale	
A level 2021	Self- report: Questionnaires	
	Self-report: Interviews	
	Designing Questionnaire	
	Designing Interviews	

Correlations		
A level 2020 / 2018	Correlation Coefficients	
A level 2021 / 2020	The difference between correlations and experiments	
A level 2022	Cause & Effect / Causation	

Other Types of Studies		
A level 2020	Meta-Analysis	
	Longitudinal Studies	
A level 2019	Case Studies	
A level 2018	Content Analysis	
A level 2017	Thematic Analysis	

Data		
A level 2018 / 2017	Qualitative Data	
A level 2022 / 2021 / 2017	Quantitative Data	
A level 2021 / 2017	Primary Data	
A level 2017	Secondary Data	
A level 2020 / 2019 / 2018	Central Tendency: Mean, Median & Mode	
A level 2020	Dispersion: Range & SD	
A level 2020 / 2018 / 2017	What do mean & SD tell us about data	

Graphs		
A level 2017	Graphs: Histogram	
	Graphs: Line graph	
A level 2018 / 2017	Graphs: Bar chart	
A level 2018	Graphs: Pie Charts	
A level 2022 / 2020 / 2018	Graphs: Scattergraph	
A level 2020 / 2018	Distributions: Normal, positive skew, negative skew	

	Maths Calculations	
A level 2019 / 2018 / 2017	Maths: percentages, decimal, ratios	
	Estimate results	
A level 2019	Maths symbols	
A level 2019 / 2017	Peer review	
A level 2022 /2019	Implications for the economy	
	Reliability & Validity	
A level 2019 / 2018	Reliability	
	Test-Retest reliability	
A level 2022	Inter-observer reliability	
A level 2021 / 2018	Validity	
A level 2019	Internal Validity	
	External Validity	
A level 2021	Ecological Validity	
	Temporal Validity	
	Face Validity	
A level 2019	Concurrent Validity	
	Levels of Measurement	
A level 2022 / 2017	Nominal data	
A level 2022 / 2021	Ordinal data	
	Interval data	
	Probability & Significance	
A level 2021 / 2018	Probability – significance levels	
A level 2022 / 2021 / 2019 / 2017	Significance (using tables)	
A level 2021	Critical Values	
	Type 1 error	
A level 2021 / 2017	Type 2 error	
	Inferential Statistics	
A level 2019	Sign Test	
A level 2022 / 2020 / 2019	Mann Whitney	
A level 2022 / 2020	Wilcoxon	
A level 2020	Unrelated T test	
A level 2017	Related T Test	
A level 2021 / 2018	Spearman's Rho	
A level 2022	Pearson's R	
A level 2021 / 2019 / 2017	Chi-Square	
	Scientific Reports	
A level 2022	Abstract	
	Introduction	
Method:		
A level 2018	Write a consent Form	
A level 2018	Debrief	
	Results	
	Discussion	
A level 2020 / 2019 / 2017	References	

Features of a science		
A level 2021 (8)	Features of a science essay	
	Paradigm	
A level 2019	Paradigm Shift	
	Objectivity	
	The Empirical Method	
A level 2020	Replicability	
	Falsifiability	
A level 2020	Theory Construction	
A level 2020	Hypothesis Testing	
Design a Study		
A level 2022 / 2019	Design a study: Experiment	
A level 2020 / 2017	Design a study: Observation	
A level 2019 / 2018	Modify a Study / improve a study	