

Year 10 Mock Revision List

Psychology



Revision List Paper 1 Cognition & Behaviour

1 hour 45 minutes 4 units

Memory/Perception/Development/Research Methods

Memory Unit

Processes of memory	Different types of memory: semantic, episodic, and procedural/. How memories are encoded stored & retrieved.
Structures of memory	The multi-store model: sensory, short term and long term. Features of each store: coding, capacity, duration. Primacy and recency effect- Murdock's serial position curve study.
Memory as an active process	The theory of reconstructive memory, including effort after meaning. Bartlett's War of the Ghosts study. Factors affecting memory: interference, context and false memories.

Perception Unit

Sensation & perception	The differences
Visual cues & constancies	Monocular depth cues: Height in the plane, relative size, occlusion, and linear perspective. Binocular depth cues: retinal disparity, convergence.
Gibson's direct theory of perception- the influence of nature	Role of motion parallax. Optic array, real world has sufficient information.
Gregory's constructivist theory of perception	Perception is learned and uses inference, visual cues, past- experience.
Factors affecting perception	Perceptual set and the effects of culture, motivation, emotion and expectation. Gilchrist & Nesburg study of motivation and Bruner & Minturn study of expectation.

Development Unit

Early brain development	Basic structures, from simple neural structures in the womb: brain stem, thalamus, cerebellum, and cortex. The roles of nature and nurture in development.
Piaget's theory of development & Piaget in education.	Piaget's theory of cognitive development and the role of assimilation & accommodation. The four stages of development: sensorimotor, pre-operational, concrete operational and formal operational. Application of these to stages in education. Reduction of egocentricity, development of conservation.

<p>The effects of learning on development</p>	<p>McGarrigle & Donaldson 'naughty teddy study & Hughes' 'policeman doll' study.</p> <p>Dweck's mindset theory of learning: fixed and growth mindset. The role of praise * self-efficacy.</p> <p>Learning styles: verbaliser, visualiser, kinaesthetic.</p> <p>Willingham's Learning Theory and his criticism of learning styles.</p>
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Research Methods Unit

<p>Formulation of testable hypothesis</p>	<p>Null and alternative hypothesis</p>
<p>Types of variables.</p>	<p>Independent variable, dependent variable & extraneous variable.</p>
<p>Sampling methods</p>	<p>Target populations, samples and how to select: random, opportunity, systematic, stratified, (strengths & limitations)</p>
<p>Designing research</p>	<p>Quantitative & qualitative methods Experimental methods- laboratory, Field & natural Experimental designs: matched pairs, repeated measures, matched pairs + strengths and weaknesses. Interviews, questionnaires, case studies, observation studies (categories of behaviour and interobserver reliability)</p>
<p>Correlation</p>	<p>Understanding the associated and drawing scatter graphs. Strengths & weaknesses.</p>
<p>Research procedures.</p>	<p>Standardised procedures, instructions to participants, randomisation, counterbalancing, understanding the impact of extraneous variables and how to control them.</p>
<p>Ethical considerations</p>	<p>Ethical issues outlined in the British Psychological Society guidelines and ways of dealing with them.</p>
<p>Data handling</p>	<p>Primary & secondary data/ descriptive statistics: mean, median, mode and range. Fraction, decimals, percentage & significant figures</p>
<p>Interpretation and display of data</p>	<p>Construct & interpret frequency tables (tally charts) bar charts histograms & scatter graphs/ Normal distribution.</p>

How to revise for Psychology

How to revise Psychology:

- Key terminology on flashcards.
- Exam style questions using the two templates for key studies and key theories.
- Looking through exercise books at previous work
- Knowledge organisers for all 4 units covered so far.
- A folder highlighting the key theories and studies and a lesson-by- lesson guide for each unit will be provided.
- Psychboost – great app! Includes explanations/quick knowledge checks and exam style questions to attempt.
- All lessons are in your Year 10 Psychology Teams folder.

