

EXAM-DAY · 90-MIN REVISION CARD

Sensory, Attentional and Perceptual Processes

Print this · Fold it · Carry to the exam-hall gate · Revise once · Then walk in.

FORMULAS & KEY RESULTS

{label: 'Absolute threshold', 'value': 'Min stimulus detected 50% of trials'}

{label: 'Difference threshold (JND)', 'value': 'Smallest detectable change in stimulus'}

{label: "Weber's law", 'value': ' $\Delta I / I = k$ (constant for each sense)'}

{label: 'Visible light', 'value': '380 nm – 780 nm wavelength'}

{label: 'Audible range', 'value': '20 Hz – 20,000 Hz'}

{label: 'Signal Detection', 'value': 'Hit, Miss, False alarm, Correct rejection'}

{label: 'Gestalt laws', 'value': 'Proximity · Similarity · Continuity · Closure · Figure-ground'}

{label: 'Depth — monocular', 'value': 'Linear perspective, Interposition, Texture gradient, Relative size, Aerial perspective'}

{label: 'Depth — binocular', 'value': 'Retinal disparity, Convergence'}

{label: 'Constancies', 'value': 'Size · Shape · Brightness'}

{label: 'Classic illusions', 'value': 'Müller-Lyer (arrows), Ponzo (rails)'}

TOP 5 PYQ PATTERNS

1 1-mark MCQ on threshold definitions and Weber's law

1 mark · 90% of years

Memorise the 50% definition and the $\Delta I/I$ formula verbatim.

2 3-mark short note on Gestalt laws with example

3 marks · 80% of years

Name law + one-line definition + everyday example; one diagram earns full marks.

3 4-mark differentiation: monocular vs binocular cues

4 marks · 70% of years

Use a two-column table with 3 cues each and one example per cue.

4 5-mark explain Broadbent OR Treisman model

5 marks · 65% of years

Definition → diagram → mechanism → evidence → evaluation, in five lines.

5 6-mark application: explain Müller-Lyer illusion using size constancy

6 marks · 55% of years

Describe stimulus → expected vs actual → cultural evidence (carpentered-world hypothesis) → diagram.

90-MIN REVISION FLOW

0-15 min

Read cheat sheet + label eye and ear diagrams from memory

15-30 min

Write 1-line definitions of sensation, attention, perception, threshold, JND, signal detection

30-50 min

Practise 5 Gestalt laws + 5 monocular + 2 binocular cues with examples

50-65 min

Draft a 5-mark Broadbent vs Treisman answer using the topper template

65-80 min

Attempt 10 drill MCQs against the clock (60 sec each)

80-90 min

Self-mark, list 3 weak spots, flashcard them for tomorrow

Confidence, not anxiety. You've practised this all year. Trust your steps. Don't change strategy on exam morning.
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