



### **Criminal**

- Types of crime
- Defining crime using culture
- Measuring crime
- Social Learning Theory
- Cooper & Mackie
- Eysenck's Theory and the biological explanations for neuroticism, extroversion & psychoticism
- Heaven's study
- The role of rehabilitation and punishments in reducing criminal behaviour

### **Development**

- Stages of development
- Development of nervous system and brain, structures and functions
- IQ tests as a measure of intelligence
- Piaget's Theory of Cognitive Development
- Piaget's Study into conservation of number
- Learning theories of development: Dweck & Willingham
- Blackwell's Study
- How Piaget and learning theories have been applied to education

### **Psychological Problems**

- Defining mental health
- Prevalence of mental health problems
- Incidence of mental health over time
- Effects of stigma & discrimination
- Characteristics of Schizophrenia
- Statistics of Schizophrenia
- Biological theory of Schizophrenia
- Social Drift Theory
- Daniel's Study
- Characteristics of clinical depression
- Statistics of clinical depression
- Social rank theory
- ABC model
- Tandoc's Study
- Treatments of disorders

### **Memory**

- Stages of information processing
- Types of forgetting
- Structures & functions of the brain in memory processing
- Multi-store model of memory
- Wilson's Study
- Reconstructive memory
- Braun's Study
- Techniques to help recall

### **Sleep & Dreaming**

- Functions & benefits of sleep
- Stages of the sleep cycle including the role of the pineal gland and melatonin
- Causes of sleep disorders
- Endogenous pacemakers & exogenous zeitgebers
- Freudian Theory of Dreaming
- The Wolfman Study
- Activation Synthesis Theory of Dreaming
- Williams study
- Treatments for insomnia

### **Social Influence**

- Conformity
- Collective & crowd behaviour
- Obedience of authority figures
- Effects of situational factors
- Bickman's Study
- Effects of dispositional factors
- NatCen Study
- How minority & majority influence affects social change

### **Research Methods**

- Types of experiment
- Interviews
- Questionnaires
- Types of observation
- Case studies
- Correlations
- Types of data
- **Descriptive Statistics**
- **Presenting data**
- **Reliability & validity**
- **Sources of bias**

### **Reliability & Validity**

- Internal reliability
- External reliability
- Inter-rater reliability
- Ecological validity
- Population validity
- Construct validity
- Demand characteristics
- Observer effect
- Social desirability

### **Debates**

- Reductionism vs Holism
- Nature vs Nurture
- Free Will vs Determinism

### **Presenting Data**

- Tally Charts (Frequency tables)
- Bar charts
- Pie charts
- Histograms
- Line graphs
- Scatter diagrams

### **Descriptive Statistics**

- Mode, median and mean
- Range
- Ratios
- Percentages
- Fractions
- Decimals
- Standard form
- Significant figures
- Normal distributions
- Estimations from data

### **Sources of Bias**

- Gender bias
- Cultural bias
- Age bias
- Experimenter bias
- Observer bias
- Bias in questioning

# OCR GCSE Psychology Paper 1 & 2

