Total marks — 60

SECTION 1 — RESEARCH — 20 marks
Attempt ALL questions.

SECTION 2 — INDIVIDUAL BEHAVIOUR — 20 marks
Attempt ALL questions.

SECTION 3 — SOCIAL BEHAVIOUR — 20 marks
 Attempt ALL questions.

Write your answers clearly in the answer booklet provided. In the answer booklet you must clearly identify the question number you are attempting.

Use blue or black ink.

Before leaving the examination room you must give your answer booklet to the Invigilator; if you do not, you may lose all the marks for this paper.
SECTION 1 — RESEARCH — 20 marks

Read the following scenario and attempt ALL questions

Question 1

The Local Authority education department has recently commissioned you to find out if having mobile phones on in the classroom has an effect on pupils’ performance in problem-solving tasks. You decide to do this by carrying out a laboratory experiment with 100 participants who have been randomly selected from 6 local high schools.

A summary of the results is shown below.

Table 1: Summary table

<table>
<thead>
<tr>
<th></th>
<th>Condition A (mobile phones off in the classroom)</th>
<th>Condition B (mobile phones on in the classroom)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mean</td>
<td>7</td>
<td>5</td>
</tr>
<tr>
<td>Mode</td>
<td>7</td>
<td>7</td>
</tr>
<tr>
<td>Median</td>
<td>7</td>
<td>4</td>
</tr>
<tr>
<td>Range</td>
<td>5</td>
<td>3</td>
</tr>
</tbody>
</table>

(a) Explain why you would choose a random sample of participants for this study.  

(b) Describe how you would implement ethical guidelines to ensure participants within this study are protected from harm.  

(c) Analyse the mean scores of this experiment in relation to the aim of the research.  

(d) Evaluate the research method used in this study by comparing it with two other research methods.
SECTION 2 — INDIVIDUAL BEHAVIOUR — 20 marks
Attempt ALL questions

Question 2
Explain Crick and Mitchison’s reorganisational theory of dreaming.  

Question 3
Explain your optional topic from Individual Behaviour using three approaches and/or theories.  

[Turn over for next question]
Question 4
Analyse two or more research studies that have investigated conformity and/or obedience, one of which must be Milgram’s Behavioural Study of Obedience.
Within your analysis you may want to consider one or more of the following:

- Research Method, Design and Results
- Strengths and Weaknesses
- Ethics