

Question Number	Answer	Mark
8 (a) (i)	D ;	(1)

Question Number	Answer	Mark
8 (a) (ii)	B ;	(1)

Question Number	Answer	Mark
8 (a) (iii)	C ;	(1)

Question Number	Answer	Mark
8 (b) (i)	maze dull/ maze bright / eq ; ACCEPT maze running ability	(1)

Question Number	Answer	Mark
8 (b) (ii)	Any two from: 1. breed of rat / eq ; 2. age of rats / eq ; 3. sex of rats / eq ; 4. physiological state / provided with same diet / eq ; 5. maze (arrangement) / eq ; 6. number of attempts at maze / eq ; 7. environment conditions e.g. temperature, lighting ; 8. (type of) toy / eq ;	(2)

Question Number	Answer	Mark
8 (b) (iii)	<ol style="list-style-type: none"> <li>1. same (for both) in poor conditions / eq ;</li> <li>2. {improved / fewer errors} for both in enriched conditions (compared with poor) / eq ;</li> <li>3. In enriched conditions, {improved / fewer errors} made by maze-bright (than maze dull) / little difference / eq ;</li> <li>4. correct manipulation of the data e.g. 40 arbitrary units fewer errors in maze-bright rats from enriched compared to poor conditions</li> </ol> <p>OR 2 arbitrary units better for maze-bright than maze-dull in enriched conditions ;</p>	(3)

Question Number	Answer	Mark
8 (b) (iv)	<ol style="list-style-type: none"> <li>1. idea of fewer errors ;</li> <li>2. idea that this is due to the environment e.g. more toys, more stimulating environment ;</li> </ol>	(2)

Question Number	Answer	Mark
8 (b)(v)	<ol style="list-style-type: none"> <li>1. no difference / eq ;</li> <li>2. idea of having {maximum potential / genetic potential / eq} ;</li> </ol>	(2)