**Memory (unit 1) – tracking test 1**

Q1 – Long term memory can be divided into three distinct stores. Name them? (1 mark)

Q2 – Give a brief definition of each of the above (3 marks)

a)

b)

c)

Q3) Fill in the following table – ½ mark for each correct answer (4 marks)

|  |  |  |  |
| --- | --- | --- | --- |
|  | Capacity | Encoding | Duration |
| Sensory register | a) | Dependent on the sense detecting it. So for iconic, it is visual, for echoic, it is acoustic. | b) |
| STM | c) | d) | e) |
| LTM | f) | g) | h) |

Q4) in terms of the duration for STM, What percentage of trigrams were remembered in Peterson and Peterson’s study after a) 3 seconds \_\_\_\_\_\_\_\_\_\_ b) 18 seconds \_\_\_\_\_\_\_\_\_\_ (2 marks)

Q5) The first model of memory was proposed by Atkinson and Shiffrin. What was it called? (1 mark)

Q6) When passing information from STM to LTM, what must happen to the information according to Atkinson and Shiffrin? (1 mark)

Q7) What assumption made by Atkinson and Shiffrin does the case study of Clive Wearing allow us to criticise? (1 mark)

Q8) what part of the brain allows us to remember episodes \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and what part of the brain allows us to (unconsciously) remember how to do skills? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (2 marks)

Q9) In relation to coding in STM, In Baddeley’s study in 1966, recall of acoustically similar lists were remembered poorly, with a correct recall of about \_\_\_\_\_\_\_\_\_\_\_% . With other acoustically dissimilar lists, accurate recall was much better, between \_\_\_\_ to \_\_\_\_% of the words were recalled in order. (2 marks)

Q10) accurately label the letters in the diagram below (6 marks) (letter f is the same word three times)



Q11) What model, devised by Baddeley and Hitch, aimed to replace the notion of the single unitary Short-term memory store as proposed by Atkinson and Shiffrin (1 mark)

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Reflections

I scored \_\_\_\_\_\_ out of 24 which is a grade \_\_\_\_\_\_\_\_\_ (0-6=U; 7-9=E; 10-12=D; 13-15=C; 16-18=B; 19-21=A; 22-24=A\*)

Answers

Memory (unit 1) – tracking test 1

Q1 – Long term memory can be divided into three distinct stores. Name them? (1 mark)

Episodic, semantic and procedural

Q2 – Give a brief definition of each of the above (3 marks)

1. Episodic = Memory for things that have happened in our lives (episodes)
2. Semantic = Memory of knowledge. Factual information which we know
3. Procedural = Memory for skills that we acquire

Q3) Fill in the following table – ½ mark for each correct answer (4 marks)

|  |  |  |  |
| --- | --- | --- | --- |
|  | Capacity | Encoding | Duration |
| Sensory register | Huge | Dependent on the sense detecting it. So for iconic, it is visual, for echoic, it is acoustic. | From ½ second to up to 2 seconds |
| STM | 7 + or – 2 | Mainly acoustic | Up to 18 secondsOrBetween 15 – 30 seconds |
| LTM | unlimited | Mainly semantic | Up to a life time |

Q4) in terms of the duration for STM, What percentage of trigrams were remembered in Peterson and Peterson’s study after a) 3 seconds 90% b) 18 seconds 5% (2 marks)

Q5) The first model of memory was proposed by Atkinson and Shiffrin. What was it called? (1 mark)

The Multi-Store Model of Memory

Q6) When passing information from STM to LTM, what must happen to the information according to Atkinson and Shiffrin? (1 mark)

Maintenance rehearsal

Q7) What assumption made by Atkinson and Shiffrin does the case study of Clive Wearing allow us to criticise? (1 mark)

That LTM is not a single unitary store

Q8) what part of the brain allows us to remember episodes The hippocampus (also frontal and temporal lobes) and what part of the brain allows us to (unconsciously) remember how to do skills? The cerebellum (also Basal Ganglia and Motor cortex) (2 marks)

Q9) In relation to coding in STM, In Baddeley’s study in 1966, recall of acoustically similar lists were remembered poorly, with a correct recall of about 10% . With other acoustically dissimilar lists, accurate recall was much better, between 60-80% of the words were recalled in order. (2 marks)

Q10) accurately label the letters in the diagram below (6 marks) (letter f is the same word three times)



a = Sensory register b = short-term memory c= maintenance rehearsal d = long term memory e = retrieval f = forgetting

Q11) What model, devised by Baddeley and Hitch, aimed to replace the notion of the single unitary Short-term memory store as proposed by Atkinson and Shiffrin (1 mark)

The working memory model

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Reflections

I scored \_\_\_\_\_\_ out of 24 which is a grade \_\_\_\_\_\_\_\_\_ (0-6=U; 7-9=E; 10-12=D; 13-15=C; 16-18=B; 19-21=A; 22-24=A\*)