

QUESTION 2

- 2.1 2.1.1 (a) DNA✓ (1)
(b) Ribosome✓ (1)
- 2.1.2 (a) G✓ (1)
(b) U✓ (1)
- 2.1.3 – DNA codes for a particular protein✓ but cannot leave nucleus
– One strand of DNA is used as a template✓
– to form mRNA✓ (3)
- 2.1.4 – According to the codons on mRNA✓
– tRNA molecules with matching anticodons✓
– bring the required amino acids to the ribosome✓
– This is called translation✓
– The amino acids become attached by peptide bonds✓
– to form the required protein✓ (any 4) (4)
- 2.1.5 Methionine, ✓ Glycine, ✓ Arginine✓ (in the correct order) (3)
(14)
- 2.2 2.2.1 *H. erectus*✓ (1)
- 2.2.2 *A. afarensis*✓ (1)
- 2.2.3 (a) 3 mya – 2,4✓ mya = 0,6✓ my✓
OR
3 mya – 2,3✓ mya = 0,7✓ my✓ (3)
- (b) Fossils✓ (1)
- 2.2.4 (a) *H. neanderthalensis*✓ (1)
- (b) *H. neanderthalensis* and *H. sapiens* share a common✓ ancestor✓ (2)
OR
Both evolved✓ from *H. heidelbergensis*✓ (2)
(9)

Memorandum Of Life Science September 2014

Judd E. Hollander



Memorandum Of Life Science September 2014:

This book delves into Memorandum Of Life Science September 2014. Memorandum Of Life Science September 2014 is a crucial topic that must be grasped by everyone, ranging from students and scholars to the general public. The book will furnish comprehensive and in-depth insights into Memorandum Of Life Science September 2014, encompassing both the fundamentals and more intricate discussions.

1. The book is structured into several chapters, namely:
 - Chapter 1: Introduction to Memorandum Of Life Science September 2014
 - Chapter 2: Essential Elements of Memorandum Of Life Science September 2014
 - Chapter 3: Memorandum Of Life Science September 2014 in Everyday Life
 - Chapter 4: Memorandum Of Life Science September 2014 in Specific Contexts
 - Chapter 5: Conclusion
 2. In chapter 1, the author will provide an overview of Memorandum Of Life Science September 2014. This chapter will explore what Memorandum Of Life Science September 2014 is, why Memorandum Of Life Science September 2014 is vital, and how to effectively learn about Memorandum Of Life Science September 2014.
 3. In chapter 2, the author will delve into the foundational concepts of Memorandum Of Life Science September 2014. This chapter will elucidate the essential principles that need to be understood to grasp Memorandum Of Life Science September 2014 in its entirety.
 4. In chapter 3, this book will examine the practical applications of Memorandum Of Life Science September 2014 in daily life. The third chapter will showcase real-world examples of how Memorandum Of Life Science September 2014 can be effectively utilized in everyday scenarios.
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 6. In chapter 5, the author will draw a conclusion about Memorandum Of Life Science September 2014. This chapter will summarize the key points that have been discussed throughout the book.
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