

Sangam SKM College- Nadi

Year 13

Biology

Worksheet 5

Questions

1. Below is the list of events that take place during the synthesis of a specific protein.

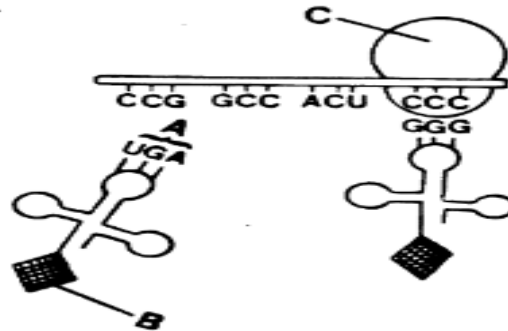
- a. Messenger RNA attaches to a ribosome.
- b. DNA serves as a template for RNA production.
- c. Transfer RNA bonds to a specific codon.
- d. Amino acids are bonded together.
- e. RNA moves from the nucleus to the cytoplasm.

The correct order of these events is

- A. d a e c b
- B. b e a c d
- C. b c e d a
- D. c b a e d

2. Identify the labelled structures on the following diagram of translation.

- Part A - _____
Part B - _____
Part C - _____



Source: <https://mi01000971.schoolwires.net/cms/>

3. Amino acids are organic compounds that combine to form proteins.

i) How many codons are needed to specify three amino acids? _____

ii) Describe the four levels of protein structure.
