

1. The smallest unit within the DNA capable of being independently involved in recombination and cross over is the

recon

2. The metabolic pathway that releases energy by breaking down complex molecules into simpler compounds is

catabolism

3. Mendel interpreted the observed patterns of inheritance by assuming that each trait is determined by

a pair of inherited factors

4. One of the following is a common method in which of molecules nucleic acid and proteins are separated based on the rates of their migration in an electric field?

Gel Electrophoresis

5. The synthesis of RNA from a DNA template occurs during the process of

Transcription

6. In cloning understanding the role of genes within cells requires

Both A and B

7. A locus is the

position occupied by gene on chromosome

8. The chromosome molecule may be large linear, typical of

eukaryotic cells

9. All are propoerties of gene except

can not be self-duplicated in each generation

10. The term gene was coined by

W.Johannsen in 1909 to refer to the

Whatsapp: 08089722160 or click here for TMA assistance

Practice E-exams & Chat with course mates on noungeeks.net

**Join group: [T.me/NOUNSTUDENTSFORUM](https://t.me/NOUNSTUDENTSFORUM)
CLICK TO DOWNLOAD MORE TMA PQ**

Whatsapp: 08089722160 or click here for TMA assistance

Practice E-exams & Chat with course mates on noungeeks.net