

Section - A

Ans 1 → Mendel selected pea plant because in pea plant they define seven traits of characteristics i.e.,

Characters

Dominant

Recessive

Height

Tall

Dwarf

Pod colour

Green

Yellow

Pod shape

Round

Wrinkled

Ans 2 → Termination Genetic Code are—

There are 3 termination codon which is also known as stop codon.

- UAA — Ochra
- UAG — Amber
- UGA — Opal

When stop codon comes in the sequence then the sequence is stopped.

Ans 3 GISH :-

- GISH means genomic in situ hybridization.
- Which is used in the animals.
- They are the technique to transfer the gene in the animals.

- It is very helpful to transfer the gene with the help of probe.
- The probe identify the genes & then transfer in the animals.
- In this the fish technique also used which is fluorescent in situ hybridization.

