

Chemical Co-ordination

Q1) a - Both A and R are true ✓

Q2) d - GA ✓

Q3) a - Auxins ✓

Q4) d - meristems of shoot apex ✓

Q5)

answer w.r.t. the figure shown i.e. germinating seeds

a) roots

b) gravity ✓

c) upward ✓

d) moist sand ✓

e) gravity ✓

Q6) Parthenocarpy is the development of fruits without fertilization ✓
Ex - Apples

you have to state HOW?
REFER MA

Q7) Through plant hormones, called phytohormones ✓
There are five such hormones - Auxins, Gibberellins, cytokinins, ethylene and Abscissic acid ✓

Q8)

Phototropism means the movement towards light.

Chemotropism means movement in response to chemicals ✓

Q9)

a) Chemotropism ✓

name and define?

- 2) 1 - Pollen grain ✓
2 - Pollen tube ✓
3 - Ovule ✓
4 - Ovary ✓
- 1
c) Sugars and peptides ✓
- d) Angiosperms and Gymnosperms ✓
- 10) a) To Demonstrate geotropism ✓ 3
b) Clinostat ✓
c) The roots show positive geotropism while the shoot shows negative geotropism ✓