



BRAINWARE UNIVERSITY

Term End Examination 2021 - 22

Programme – Bachelor of Science (Honours) in Agriculture

Course Name – Fundamentals of Agronomy-II

Course Code - CC-BAG276(T)

(Semester II)

Time allotted : 1 Hrs.5 Min.

Full Marks : 50

[The figure in the margin indicates full marks.]

Group-A

(Multiple Choice Type Question)

1 x 50=50

Choose the correct alternative from the following :

- (1) One of the following is not an auxin

a) Indole-3-acetic acid	b) Malic Hydrazide
c) Indole butyric acid	d) Naphthalene acetic acid
- (2) _____ can stimulate the germination of barley seeds

a) α -amylase	b) Abscisic acid
c) Benzoic acid	d) Coumarin
- (3) Seed dormancy is triggered by

a) Indole-3-ethanol	b) Abscisic acid
c) Carbon dioxide	d) None
- (4) The significance of the day length in plants was first shown in

a) Barley	b) Lettuce
c) Tobacco	d) Tomato
- (5) _____ is a plant hormone generally present in the gaseous state

a) Ethylene	b) Ethane
c) Argon	d) None
- (6) _____ is a colourless gas that serves as a signalling hormone.

a) Benzene	b) Nitric Oxide
c) Ozone	d) None
- (7) Typical plant growth shows _____ curve.

a) J-shaped	b) S-shaped
c) I-shaped	d) Parabolic
- (8) What is the first step in the process of plant growth?

- (35) When the actual rainfall is significantly lower than the climatologically expected rainfall over a wide area is considered as
- a) Meteorological drought
 - b) Hydrological drought
 - c) Agricultural drought
 - d) Atmospheric drought
- (36) _____ crop can be cultivated if North-East Monsoon delays upto first week of November
- a) Bajra
 - b) Pulse
 - c) Sunflower
 - d) All
- (37) In forage, crops, ideal plant type consists of _____?
- a) tall, leafy, high leaf and stem ratio
 - b) dwarf
 - c) less greenness
 - d) high root to shoot ratio
- (38) Gibberellins are derivatives of
- a) Monoterpenes
 - b) Sesquiterpenes
 - c) Diterpenes
 - d) Triterpenes
- (39) Richest source of gibberellin in higher plant is
- a) Root
 - b) Stems
 - c) Leaf
 - d) Immature seeds
- (40) The credit for discovery of kinetin goes to
- a) Miller et al
 - b) Letham et al
 - c) Zachau et al
 - d) none
- (41) Chemical name of kinetin is
- a) 6-furfuryl amino purine
 - b) 6-furfurylamino pyrimidine
 - c) 5-furfurylamino purine
 - d) None
- (42) Fruit ripening hormone is
- a) ethylene
 - b) auxin
 - c) kinetin
 - d) All of above
- (43) Brassinosteroids are biosynthesized in plants from
- a) Sitosterol
 - b) Cholesterol
 - c) Campesterol
 - d) None
- (44) Antigibberellins such as cycocel (CCC) find extensive use in
- a) food industry
 - b) breweries
 - c) floriculture industry
 - d) none
- (45) Minimum lag time for auxin-induced growth is
- a) 10 minutes
 - b) 15 minutes
 - c) 20 minutes
 - d) 30 minutes
- (46) Immediate precursor of ethylene biosynthesis in plants is
- a) Methionine
 - b) S-Adenosyl methionine
 - c) 1-Aminocyclopropane-1-carboxylic acid (ACC)
 - d) None
- (47) The primary hormones causing abscission of leaves is
- a) ABA
 - b) IAA
 - c) Ethylene
 - d) Cytokinin
- (48) The term Ideotype was coined by

a) Donald

b) Hamblin

c) Thorne

d) None

(49) First semi-dwarf, high-yielding modern rice variety of rice

a) IR8

b) TN1

c) Padma

d) Lunisree

(50) The term 'Phytohormone' was coined by

a) Hamblin

b) Jennings

c) Thorne

d) Thimann