

BIOLOGY**BIOTECHNOLOGY AND APPLICATIONS**

11. Negative feature of agrochemical fertilisers –
- (1) No negative effect to soil
 - (2) Too expensive
 - (3) Decreases crop yield
 - (4) Increase and support bacterial pathogens
12. Abiotic stress to plants are all of the following except –
- (1) Drought
 - (2) Extreme heat
 - (3) High salinity
 - (4) Optimum cold
13. Pest resistant crops show –
- (1) Increased nutritional value of food crop.
 - (2) Increase harvest losses.
 - (3) Promotes early exhaustion of fertility of soil.
 - (4) Reduced reliance on chemical pesticides.
14. Increased efficiency of mineral usage by plants prevents –
- (1) Early harvesting
 - (2) Post harvest loss
 - (3) Early exhaustion of fertility of soil
 - (4) Enhanced nutritional value of food
15. Golden rice is enriched with
- (1) Vit B₁₂
 - (2) Vit B complex
 - (3) Vit A
 - (4) Gold
16. Select the plant variety which decrease the amount of pesticide usage for their cultivation–
- (1) Bt corn
 - (2) Golden rice
 - (3) Atlas 66
 - (4) All of the above
17. Estimated rice varieties in India –
- (1) 200,000
 - (2) 20,000
 - (3) 2,000
 - (4) 50,000
18. Documented varieties of Basmati grown in India are –
- (1) 270
 - (2) 200,000
 - (3) 50,000
 - (4) 27
19. US Basmati varieties actually were a cross between –
- (1) American Basmati was crossed with Indian Basmati
 - (2) Indian Basmati was crossed with semi-dwarf varieties
 - (3) Indian semi dwarf variety with US Basmati
 - (4) Golden rice with Indian Basmati
20. GEAC
- (1) Geographical Engineering Approval Committee
 - (2) Geological Ecosystem Accessory Committee
 - (3) Genetic Engineering Agricultural Committee
 - (4) Genetic Engineering Approval Committee