

BOTANY

Question Hint	Answers
1. 680 nm	PSI inactive
2. Law of limiting factor	Blackman
3. Does not affect opening of stoma	N ₂
4. Cellular respiration - first in	Cytoplasm
5. Rubisco	Ribulose biphosphate carboxylase oxygenase
6. Net gain of ATP per hexose	36
7. Classification taking into some morphology characters	Artificial
8. Potato and sweet potato	Analogous
9. Systema naturae	Linnaeus
10. Rabies is caused by	Viruses
11. T.B. is caused by	<i>Mycobacterium</i>
12. Sucrose is converted	Alcohol
13. Conversion of NH ₃ - NO ₂ - NO ₃ is known as	Nitrification
14. <i>Sphacerochypus</i> belongs to	Bryophyte
15. Fungi differ from slime moulds in lacking	Flagellated spores
16. Fungi was classified on the basis of	Sexual reproduction
17. Not Monera	Slime mode
18. Trichoderma	Chitinase
19. In reteroviruses RNA dependent DNA polymerase synthesises	RNA - DNA
20. Reverse transcription was discovered by	Temin and Baltimore
21. Joining of amino acids	Translation
22. Which is obtained by genetics engineering	Insulin
23. Meselson and Stahl	50% radioactive 50% non-radioactive

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24. Test cross	Ww × ww
25. One gene one enzyme	Beedle and tatum
26. Genes close together on a chromosome	Linkage
27. Turner Syndrome	XO
28. Chromosomal rearrangement result in	Aneuploidy
29. Terminator codon	UAA
30. Best suited for Co-dominance	Both dominance
31. Masking of character	Epistase
32. Adenine = 15%	Guanine 35%
33. Which is not according to Chargaff rule	A + T = C + G
34. 80S ribosome	40S + 60S
35. In tropical forests pollinators	Link species
36. Species interacting with the environment	Ecosystem
37. Soil nutrient at a given time	Standing state
38. Capacity to reproduce and survive	Biotic potential
39. Clay particle	Lass than 0.002 nm
40. Wrong in Jojoba	Monoecius
41. Ozone	Stratopsphere
42. Symbiotic nitrogen fixing	Azolla
43. Eutrophication	Algae and aquatic <i>plants</i>
44. DDT	Non-biodegradable
45. Population of reptiles and birds declining	DDT
46. Detritus Food chain	grasses → bacteria → molluscs
47. Which is not a biofertiliser	<i>Bacillus thuringiensis</i>
48. Hot spot	Western Himalaya

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49. Diplospory	Megar spore mother cell
50. PAR	400 nm - 700 nm
51. During day time sound level in silent zone	50 dB
52. RNA primer is used in	Replication
53. Meosis	Mendelian inheritane
54. No. of species classified in Species Plantarum	5900

