Bio tuition wala Std 11 : Biology Neet Series

Date:.....

Time: 1 Hour

Chapter: Mineral nutrition Total Marks: 80 Marks

		Section	A				
•	Write the answer of the following questions. [Each carries 1 Mark] [20]						
1.	Which one of the following roles is not characteristic of an essential element? (A) being a component of biomolecules. (B) changing the chemistry of soil. (C) being a structural component of energy related chemical. (D) activation or inhibition of enzymes.						
2.		oms of an element tend to apely immobile. Which one of the (B) Magnesium	. // 0				
3.	Reaction carried on (a) $2NH_3 + 3O_2$ (b) $2NO_2 + O_2$ Which of the follow (A) Step (i) is carried (B) Step (ii) is carried (C) Both steps (i) an	ut by N_2 fixing microbes inclu $\rightarrow 2NO_2^- + 2H^+ + 2H_2O$ (i)	de. quations is not true ? pcoccus	(B) I ottosrani			
4.	Match the element with its associated functions/roles and choose the correct option among given						
	below:						
	Column-I	Column-II					
	(a) Boron	(i) Splitting of H ₂ O to liberate O ₂ during photosynthesis					
	(b) Manganese (ii) Needed for synthesis of auxins						
	(c) Molybdenum	(iii) Component of nitrogenase					
	(d) Zinc (e) Iron	(iv) Pollen germination(v) Component of ferredoxin					
	(C) HOH	(v) Component of leffedoxin					
	(A) (a - i), (b - ii), (c	c - iii), (d - iv), (e - v)	(B) (a - iv), (b - i), (c - iii)	, (d - ii), (e - v)			
	(C) (a - iii), (b - ii),	(c - iv), (d - v), (e - i)	(D) (a - ii), (b - iii), (c - v)), (d - i), (e - iv)			
5.	Plants can be grown in (Tick the incorrect option)						
	(A) soil with essential nutrients.		(B) water with essential nutrients.				
	(C) either water or soil with essential nutrients.		(D) water or soil withou	it essential nutrients.			
6.	Roots of higher cat	tegory plants, forms mycorrhiz	• •				
	(A) Virus	(B) Fungi	(C) Bacteria	(D) Transaminase			
7.	Which enzyme is essential for the formation of nitrogen?						
	(A) Nitrogenase	(B) Nitrate reductase	(C) Transferase	(D) Trans aminase			
8.	Boron is present in green plants for						
	(A) Transport of sugar		(B) For activation of enzymes				
	(C) As cofactor of enzymes		(D) For photosynthesis				

9.	Why is manganese essential? (A) For the formation of cellwall (C) For the synthesis of chlorophyll		(B) Photolysis of H ₂ O during photosynthesis (D) For the synthesis of nucleic acid			
10.			(B)	odules of leguminosae ? (B) Removes O ₂ (D) nif gene is expressed		
11.	Hydroponics technique (A) Julius Von Sachs	was developed by (B) Priestly	(C)	Ingenhousz	(D) Engelmann	
12.	In which two amino aci (A) Cysteine	ds sulphur is present ? (B) Methionine	(C)	Both (A) and (B)	(D) Serine	
13.	Which of the following i (A) N_2	s the most essential elem (B) Mo		z? Zn	(D) P	
14.	Yellowing of leaves due (A) Tyloses	to (B) Necrosis	(C)	Chlorosis	(D) Flourosis	
15.	Is not associated with manganese (A) activates many enzymes involved in photosynthesis (B) splitting of water to release O ₂ during photosynthesis (C) pollen germination (D) Both (A) and (B)					
16.	Molybdenum is a comp (A) Nitrogenase	onent of (B) Nitrate oxygenase	(C)	Carboxylase	(D) All of these	
17.	Mineral needed in synth	nesis of auxin (B) Zn	(C)	Cu	(D) Cl	
18.	The deficiency symptom (A) K	of which element can b (B) Zn		en first in senescent Mo	leaves. (D) Cu	
19.	Mg ²⁺ is a activator of wl (A) RuBisCO	hich enzyme (B) Carbonic anhydrase	(C)	PEPcase	(D) Both (A) and (C)	
20.	Which mineral compete (A) Mn	s with Fe? (B) Cu	(C)	Zn	(D) Ca	
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For Answer Key Contact Us

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