Class: 10th

[ M. M.: 75

Instructi	Section objects answer quests to 12 a 120 w Write are glabelle	on-A a tive typer-boo ions. We are show ords e their a ven in ( ed diag	and Section-B. Secte. Write answer of the k. (iii) Q. Nos. 3 to rite their answer in ach.Q.Nos. 13 to 14 nswer in appox. 150 Q.Nos. 3 to 14 in Sectentioned against the sected against t		
			on-A ( Objective Ty	<del>-</del> - ,	
Q:1.	(a)		answers in one word/sentence each $1 \times 5 = 5$		
	,	(i)	The process of sen same medium is cal	ding back the light rays into the led	
	,	(ii)	Which metal is calle		
	(iii) Write the chemical formula of Bauxite.				
		(iv)	What is the pH valu		
		(v)	Write the S.L. unit	*	
(B) Choose the correct alternative-			•		
		(i)	The lens used to	correct long sightedness or	
			hupermetropia-		
*			(a) Convex lens	(b) Concave lens	
			(c) Simple lens	(d) Cylindrical lens	
		(ii)	Potential difference	•	
		, , ,	(a) Ammeter	(b) Voltmeter	
			(c) Lactometer	(d) Dry cell	
		(iii)	Symbiotic plant is -		
		(,	(a) Lichens	(b) Fungi	
	•		(c) Sandal	(d) Granita (Nepenthes)	
		(iv)			
•		(17)	(a) Mitochondria		
			(c) Cytoplasm	(d) Ribosome	
		(,,)			
		(v)			
			(a) Bronze	(b) Brass	
0.0	(1)		(c) Solder metal	(d) Stainless steel	
Q.2.	(A)		h the following pairsection A	Section B' $1 \times 5 = 5$	
				(a) 'O' blood group	
			iquid metal		
			Master gland	(b) Earthwom	
			Universal donar	(c) Pure blood	
			Nephridia	(d) Mercury	
		(V)	Artery	(e) Pitutary	
				(f) Sodium	
			•	(g) Thyroid	

'	Section-B( Very short Answer Type Questions )					
Q.3.	What are Exothermic and Endothermic reactions? Give one example					
	of each of them. 4					
(Or)	Write the method of preparation, chemical name and chemical formula					
	of plaster of Paris.					
Q.4.	What is Nutrition? Why is the need of nutrition?					
(Or)	· Give the name of respiratory organ of Fish, Earthworm, Grasshopper					
•	insect and human (man).					
Q.5.	Write any four differences between Artery and Vein. 4					
(Or)	Draw a labelled diagram of Nerve cell (Neuron)					
Q.6.	Write the Molecular Formula and IUPAC name of the following					
	compounds-					
	(i) Methyl alcohol (ii) Formald (iii)					
	(iii) Formic acid (iv) Acetone					
(Or)	What is the Silver Mirror Test? Explain with equation.					
Q.7.	Write the four main uses of Ethyl alcohol.					
(Or)	What are Polymers? Give the name of two polymers and their uses					
Q.8.	Write main four effects of the depletion of ozone layers. 4					
(Or)	Explain Biotic components of the Ecosytem.					
Q.9.	Describe the following medicinal plants-					
•	(i) Haldi (ii) Bahera (iii) Bael (iv) Arjun.					
(Or)	How does acid rain fall?					
	(Short Answer Type Questions)					
Q.10.	What is Microscope? Describe the Simple microscope. 5					
(Or)	Explain with the help of a labelled ray diagram the defect of myopia					
	and how it is corrected.					
Q.11.	Write any five differences between Nuclear and Nuclear Fusion. 5					
(Or)	What are the benefits of using Solar Cooker?					
Q.12.	Explain the structure of chromosome with digram.					
(Or)	What is Asexual reproduction? Describe the Asexual reproduction					
,	in Amoeba.					
	( Long Answer Type Questions )					
Q.13.	Calculate equivalent resistance when three resistances of 2 ohms, 3					
	ohms and 6 ohms are connected in parallel combination. 6					
(Or)	Describe D.C. generator under the following points-					
	(i) • Labelled Diagram					
	(ii) Main parts					
	(iii) Working.					
Q.14.	Write the difference between Metal and Non-Metal under the					
•	following heads-					
	(i) Nature (ii) State					
	(iii) Lustre (iv) Ductility					
-	(v) Malleability (vi) Conductivity.					
(Or)	Write the composition and its percentage (approx.) and uses of the					
	following Alloys-					
	(i) Stainless steel (ii) Duralumin (iii) German Silver					
	(i) Staintess steel (ii) Dutaiumin (iii) German Shver					