SCIENCE AND TECHNOLOGY - II

	Please Refer to All Notes Q. P. Marc	Hi, 2000.		
Q. 1. (A)			ments :	(2)
· (1)	Plaster of Paris is prepared from			
· · ·	(a) burnt plaster (b) burnt atum	(c) gypsum	(d) copper sulpha	
(2)	The flavour of adulterated ghee is imp		4 10 4 4	
60 1	(a) dextrin (b) animal fat	(c) tributyrin	(d) starch	
(3)	Germ theory of disease was postulate	<u> </u>	/d\	
(4)	(a) Robert Koch (b) Louis Paster Modern biotechnology operated at		(d) MacMahon	
	(a) sub-atomic (b) atomic	(c) molecular	(d) matter	
(B)	Rewrite the second column so as t	• •	• •	
(4)	Column I	Column II		
	(1) Argemone oil	(a) Beri-beri		
	(2) Thiamine deficiency	(b) Pellagra		
	(3) Cholesterol deposition	(c) Epidemic drops	20	
	(4) Niacin deficiency	(d) Arterioacierosis	~ I	
	(7) Macin deliciency	(u) ~ solved	7	
(C)	State whether the following statem	ents are true or false and	rewrite	(2)
(1)	Hydrogen sulphide gas turns lime water	r milky.		
(2)	Bleaching powder is used for disinfecting	ng drinking water.		
, ,	Infective agent for schistosomiasis is se			
	Protein injection is better than vaccinati	ion.		
	Find the odd man out:			
, ,	Haematite, Limonite, Siderite, Bauxite	(2) Vitamin A, B, I	-	
	Starch, Glucose, Fructose, Calcium	(4) Rice, Wheat, G	Sram, Maize	
	Give scientific reasons for any two			(4)
	Nails should be kept clean and cut sho	•		
	Dried food grains remain unspoiled for			
	Milk is considered as the complete foo			
	The common salt fortified with small qu	nanuties of sodium of poless	sium lodate is widely us	sea
	throughout India.			IAS
	Answer any two of the following: How is cancerous tumour caused?			(4)
	Write the preventive measures of ascar	riacie (any four)		
	Give the names of nutritional programm	, ,	of India	
• •	Give the disadvantages of excessive nu	•	or maid.	
	Explain the following chemical rea		lanced chemical	(4)
	uations : (any two)		.5	(~)
•	Carbon dioxide from air reacts with bles	Schina nowder		
• •	Calcium carbonate is strongly heated.	John Sportaci.		
	Sodium carbonate reacts with dil. hydr	rochloric acid		
• •	The constals of copper sulphate are str	_		
	Answer any one of the following :	i i		(4
•	Give the functions of water in our body	(any four).		•
	With a well-labelled diagrammatic repr		the structure of DNA.	
	Draw nest diagrams of any two and			(4
A	Biast furnace: (a) Cupand cone	(b) Motten iron		
	Diegot Intiliace (a) Onbario mus			
(1	Laboratory preparation of Hydroge (a) Iron sulphide and dil acid (b) H	n Sulphide gas :		

	(B) Answer any one of the following: 1284 117 11.	(4)
	(1) How will you maintain: (a) Food hygiene (b) Personal hygiene in food prepar	ation?
	(2) Give the sources and functions of Proteins.	No.
Q. 5.	(A) Airswer any four of the following:	(4)
•	(1) Write the structural formula of Benzene. (2) What are enzymes?	7-14-1
	(3) What is metallurgy? (4) Name the disease caused due to deficiency	of insulin.
	(5) Write the formula of Body Mass Index (6) Define Personal Hygiene.	
	(B) Discuss in detail the factors affecting growth of organisms (any four). Or	(4)
	What are Hydrocarbons? Give the classification of the hydrocarbon.	