SCIENCE - II

Time: 2 Hrs.)	luestion	Paper : March	2009	(Max. Marks: 4		
Note : See to Question	Paper March 2	2008.		•		
statement and rewrite	complete stat	tive from those given ement.	at the end o	ff each in c omp let (2)		
(i) Bauxite is an ore	of					
(a) Iron	(b) Copper	(c) Aluminium	(d) Sul	aphur		
(ii) For setting fract	ured bones is	s used.				
(a) Calcium carbon	ate	(b) Ferrous sulpl	hate			
(c) Bleaching powder		(d) Plaster of Pa	(d) Plaster of Paris			
(iii) are added a	s an adulterant	to black pepper.				
(a) Argemone seed						
(c) Dyes		(d) Black sandst	(d) Black sandstones			
(iv) Fem 'Pteris Vitt	ata' absorbs	from the soil.				
(a) Selenium	(b) Copper	(c) iron	(d) A r so	enic		
(B) Select proper t	erms from Gro	up 'B' for the items in	Group 'A' and	d rewrite the		
correct pairs.		•	•	(2)		
Group 'A'	Gro	oup 'B'				
(i) Ringworm	(a) Ins	sulin				
(ii) Diabetes	(b) Se	vere growth retardation				
(iii) Neutropenia		emoglobin				

(d) Fungus infection

(e) Copper deficiency

(iv) Marasmus

(C) State whether the following statem	
(i) Hydrogen sulphide gas turns lime wa	- -
(ii) Calcium carbonate is used in the pre	•
(iii) A calorie is a unit of measurement o	
(iv) Bromoxynil is used as a germicide.	
(D) Find out and write the odd one ou	
	ii) Dental Fluorosis, Diabetes, Cancer. Corona
, , ,	ole, Grapes (iv) Headache, Delayed healing of
Fever, Caugh.	
Q. 2. (A) Give scientific reasons (any two).
(i) Obesity is dangerous to health.	
(ii) Low temperature also prevents self-s	. •
(iii) Generally, adults suffer from Osteon	
(iv) It is necessary to control human pop	pulation.
(B) Answer the following (any two).	
compounds.	ween 'open chain compounds" and 'closed ch
(ii) Write any four methods of food prese	ervation.
(iii) State the disorders caused due to d	eficiency of lodine.
(iv) Define health education. Write any t	wo of its main objectives.
Q. 3. (A) Explain the following chemical r	eactions with the help of balanced chemica
equations (any two).	
(i) Copper sulphate solution reacts with	sodium hydroxide.
(ii) Ammonia is treated with hydrochlori	c acid.
(iii) Magnesium is treated with dilute hyd	frochloric acid.
(iv) Polymerisation of ethylene.	
(B) Answer any one of the following.	
(i) Explain, how is tobacco injurious to o	
(ii) Write the molecular formulae of each(a) Sodium carbonate	of the following and state any two uses of bot (b) Ferrous sulphate.
Q. 4. (A) Draw well labelled and neat diag	rams of any two of the following.
(i) Kipp's apparatus (No reaction)	(ii) Structure of HIV virus
(iii) Balanced diet food pyramid	(iv) Dropouts of food pipeline
(B) Answer the following (any one).	
(1) What is balanced diet? State the fun	ctions of the following food groups in the diet.
(i) Cereals (ii) Milk and milk pro	ducts (iii) Fruits and vegetables.
(2) State the functions of water in huma	n body.
Q. 5. (A) Answer any four of the following	g.
(1) Write the molecular formula of meth(2) Name the substances used in the p	ane. urification of water by decantation of suspende
particles.	
(3) Write the dietary fibre sources of ca	rbohydrates.
(4) Define disease. (5) Explain 'dental f	-
(B) Answer the following (any one).	- (-)
(i) Write short notes on (any two).	
	of Malaria (c) Symptoms of Hepatitis A.