## SCIENCE AND TECHNOLOGY (PART II)

Time: 2 Hours) QUESTION PAPER: OCTOBER-2008 (Max. Marks: 40

- 1. (A) Select the proper altermative and rewrite the following statements :
  - (1) Electronic configuration of Al Is .....
    - (a) (2, 8, 7) (b) (2, 8, 5) (c) (2, 8, 4) (c) (2, 8, 3)
  - (2) Ferrous Ammonium Sulpt late is known as .....

www.UniversityQuestionPapers.com

www.UniversityQuestionPapers.com

1.7	(c) Soda ash Cells are made up of	QUES(d) Mohrs salt CIS. COIII
•	(a) Organelles	(b) Cellulose
	(c) Tissues	(d) Macromolecules
1/41		
17	Vitamin is necessary mainly i	or blood clotting.
	(a) A (b) B (c) C (d) K	
(15	Rewrite the second Column so a	
	Column 'l'	Column' II'
	(1) Jaundice	(a) Merital retardation
	(2) Down syndrome	(b) Beriberi
	(3) Thiamine deficiency	(c) Dental caries
	(4) Fluorine deficiency	(d) Serum bilirubin
(C	State whether the following stat	ements are True or False: 2
• •	(1) Air is lighter than ammonia gas.	
	(2) Alum is used for setting fracture	
	(3) Epidemic dropsy is also known a	
_	(4) Proteins are major constituents of	of our cells and tissues.
(D	Find the odd one out :	<b>2</b>
	(1) Headache, Delayed healing of w	
	(2) Rickets, Leprosy, Scurvy, Pellag	
	(3) Typhoid, Cholera, Cancer, Polioi	· · · · · · · · · · · · · · · · · · ·
	(4) Adenine, Guanine, Cytosine, Ura	
. (A	Give scientific reasons for any tw	
	(1) Spoilage of onions, potatoes is p	
· .	(2) Deficiency of vitamin K does not	
	(3) White colour clothes are more si	
	(4) Regular consumption of contami	
(B	Answer any two of the following	
	(1) Give any two effects of insistent	
	(2) Name four types of undesirable	
		he loss of nutrien ts in food by the cooking practice.
		y two preventive measures to reduce obesity.
(A)		eactions with the help of balanced chemical
	equations : (any two)	4
	(1) Explain polymerisation of ethyler	ne.
	(2) Washing soda is exposed to air.	
•	(3) Calcium carbonate reacts with d	il laradus slatesis araid
· · · · · · · · · · · · · · · · · · ·		
· · · · · · · · · · · · · · · · · · ·	(4) Copper sulphate reacts with sodi	um hydroxide.
(B	Answer any one of the following	um hydroxide. • 4
(B	Answer any one of the following (1) Describe the laboratory process to	um hydroxide.
(B	Answer any one of the following  (1) Describe the laboratory process the following points:	um hydroxide. • 4
(B	Answer any one of the following  (1) Describe the laboratory process the following points:  (a) Name the chemicals used.	um hydroxide.  4 o prepare hydrogien sulphide gas with the help of
(B	Answer any one of the following  (1) Describe the laboratory process the following points:  (a) Name the chemicals used.  (b) Name the method of collections.	um hydroxide. 4 o prepare hydrogjen sulphide gas with the help of
(B	Answer any one of the following  (1) Describe the laboratory process the following points:  (a) Name the chemicals used.  (b) Name the method of collection (c) Physical properties (any two)	um hydroxide. 4 o prepare hydrogjen sulphide gas with the help of
<b>(B</b>	Answer any one of the following  (1) Describe the laboratory process the following points:  (a) Name the chemicals used.  (b) Name the method of collection  (c) Physical properties (any two)  (d) Uses (any two).	um hydroxide. 4 o prepare hydrogjen sulphide gas with the help of n of the gas.
(B	Answer any one of the following  (1) Describe the laboratory process the following points:  (a) Name the chemicals used.  (b) Name the method of collection  (c) Physical properties (any two)  (d) Uses (any two).	um hydroxide. 4 o prepare hydrogjen sulphide gas with the help of
(B	Answer any one of the following  (1) Describe the laboratory process the following points:  (a) Name the chemicals used.  (b) Name the method of collection  (c) Physical properties (any two)  (d) Uses (any two).	um hydroxide. 4 o prepare hydrogjen sulphide gas with the help of n of the gas.
(B	Answer any one of the following  (1) Describe the laboratory process to the following points:  (a) Name the chemicals used.  (b) Name the method of collection (c) Physical properties (any two).  (d) Uses (any two).  (2) Mention one food item and one for	um hydroxide. 4 o prepare hydrogjen sulphide gas with the help of n of the gas.
(B	Answer any one of the following  (1) Describe the laboratory process to the following points:  (a) Name the chemicals used.  (b) Name the method of collection (c) Physical properties (any two) (d) Uses (any two).  (2) Mention one food item and one for (a) Cereals.	um hydroxide. 4 o prepare hydrogjen sulphide gas with the help of n of the gas.
(B	Answer any one of the following  (1) Describe the laboratory process to the following points:  (a) Name the chemicals used.  (b) Name the method of collection (c) Physical properties (any two)  (d) Uses (any two).  (2) Mention one food item and o	um hydroxide. 4 o prepare hydrogjen sulphide gas with the help of n of the gas.
•	Answer any one of the following  (1) Describe the laboratory process to the following points:  (a) Name the chemicals used.  (b) Name the method of collection (c) Physical properties (any two).  (d) Uses (any two).  (2) Mention one food item and one for (a) Cereals.  (b) Pulses and legumes.  (c) Milk and milk products.  (d) Fruits.	um hydroxide.  4 o prepare hydrogien sulphide gas with the help of n of the gas.  unction of the following food groups:
•	Answer any one of the following  (1) Describe the laboratory process to the following points:  (a) Name the chemicals used.  (b) Name the method of collection (c) Physical properties (any two).  (d) Uses (any two).  (2) Mention one food item and	turn hydroxide.  4 to prepare hydrogien sulphide gas with the help of an of the gas.  function of the following food groups:  below) diagram: of (any two): 1

	(a) Producer (b) Consumers. (3) Kipp's Apparatus (In action):	stionPapers.com
	(a) FeS (b) Stop Cock (Open).	
	(4) Structural formula of benizene :	
	(a) Carbon atom (b) Hydrogen atom.	
	(R) Describe any one of the following:	and the second s
	(1) What are vitamins? Mentilon the two cate	gories of vitamins and give their examples
	(2) How has modern biotechnology helped	in the environmental balance? Describe
	with the help of the following points:	
	(a) Waste water	(b) Solid organic waste
	(c) Remediation	(d) Genetically engineered plants.
<b>5</b> _	(A) Answer any four of the following:	•
	(1) What are minerals?	
	(2) Write the chemical formula of alum.	
	(3) Write the structural formula of methane	
	(4) Which sugar is present in milk?	
	(5) Define disease.	
	(6) What is atherosclerosis?	
3.	Answer any one of the following:	
,	(1) Give the preventive and control measures	of leprosy (any tour).
	(2) Write short notes on :	
	(a) Albinism	
	(b) Environmental pollution haizards.	

www.UniversityQuestionPapers.com