

True/False?

RO-003-001538 ]

## **RO-003-001538** Seat No. \_\_\_\_\_

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## B. Sc. (Sem. V) (CBCS) Examination February - 2019

IC - 502: Heavy & Fine Chemicals - 1 & Management

	Faculty Code : 003 Subject Code : 001538
Time : 2	$\{\frac{1}{2} \text{ Hours}\}\$ [Total Marks : 70]
Instruct	ions: (1) All the questions are compulsory.  (2) Figures to the right indicate maximum marks.  (3) Draw labeled diagram wherever necessary.  (4) Assume suitable data.  (5) Question-1 carries 20 marks.  (6) Question-2 & 3 carry 25 marks each.
1 Ans (1)	wer the following questions:  is the development of people and not the direction of things. Management is the personnel administration.
(2)	Management is simply the process of decision making and control over the action of human beings for the express purpose of attaining goals."
(3)	is terms as father of scientific management.
(4)	Define planning according to Koontz.
(5)	The Charette procedure is a systematic process for gathering and developing from very many stakeholders.
(6)	Abraham Maslow has proposed theory.
(7)	In EOQ E stands for
(8)	cost = Holding cost + ordering cost.
(9)	Full form of PLC is product life
(10)	Total Capital Investment = Fixed Capital Investment + Capital.
(11)	Iodine can be manufactured from sea water.

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		(6)	Write any two uses of resorcinol.	
			Draw only diagram for manufacturing of synthetic graphite.	)
		(4)	Write a note on acrylates.	
		` ′	Write a brief note on concept of scientific management.	2
		` ′	Give a note on managerial skills.	
			Enlist types and features of planning.	
(B)	(B)	Ansv	ver any Three:	9
		(0)	write any four uses of fife.	
			Draw only diagram of fluorine cell.  Write any four uses of HF.	
		` ′	Give properties of ammonium sulphate.	
		, ,	What is predictive maintenance of plant?	
		, ,	Define planning according to Henry Fayol.	
			Define management according to Horold Kanontz	•
2	(A)		ver any Three:	6
	(20)	37% solut	solution of formaldehyde is known asion.	_
			any two uses of vinyl chloride.	
	(10)		licon carbide.	
	(18)	Give	names of raw materials used for manufacturing	ç
	(17)	Bron	nine can be used as disinfectant. True/False?	
		_	any two uses of natural graphite.	
	(15)		True/False? hragm cell is also known as	
	(14)		cric arc furnace utilizes low grade of phosphate	)
	(13)		e raw materials required for manufacturing of onium nitrate.	f
	(12)	Ostwacid.	vald process is used to manufacture	_

(C)	Ans	swer any <b>Two</b> :	10	
	(1)	Write a note on functions of management.		
	(2)	What is decision making? Give every step		
	` /	associated with it.		
	(3)	Describe product life cycle with diagram.		
	(4)	Explain Fischer & Tropsch process with neat		
		diagram.		
	(5)	Discuss manufacturing of triple superphosphate		
		with diagram.		
(A)	Answer any <b>Three</b> :			
, ,	(1)	What is Tracking System in inventory		
	` /	management?		
	(2)	What is holding cost?		
	(3)	Give examples of fixed capital.		
	(4)	Draw only diagram of mercury cathode cell.		
	(5)	Write a brief note on Glauber's salt.		
	(6)	Write properties and uses of pyridine.		
(B)	Answer any <b>Three</b> :			
	(1)	Give importance of SWOT analysis with example	9	
	(1)	and chart.		
	(2)	Explain in detail: Plant layout.		
	(3)	Give brief idea on capital formation.		
	(4)	Discuss manufacturing of sodium chloride from		
	( )	artificial evaporation.		
	(5)	Explain production of ammonium phosphate in		
	` ,	detail.		
	(6)	Write a short note on sorbitol.		
(C)	Answer any <b>Two</b> :			
	(1)	Write a detailed note on concept of inventory		
		management with diagram.		
	(2)	Explain Maslow's hierarchy of needs as a theory		
		in detail with diagram.		
	(3)	Explain production of carbon black with diagram.		
	(4)	Discuss manufacturing of ammonia with neat		
	(E)	diagram.		
	(5)	Explain manufacturing of glycerin via sweet water.		

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