(p)	Discuss the functions of scientific man	a
	gement in industry.	(
(q)	Explain — Inventory control.	2
(r)	Which precautions are taken in hazardou	u

Third Semester M. Sc. (Part-II	I) (CBCS) Examination
INDUSTRIAL CI	HEMISTRY
Paper –	and the second second
Special Pap	er <sub>i</sub> -II(1997), (9)
•	gement) 1810/
P. Pages: 4	
Time: Three Hours]	[Max. Marks: 80
Note: (1) Attempt all que	estions.
	neat labelled diagrams
wherever nece	ssary. carry equal marks.
(5) Till questions	-
	A WAS DEFE
1. (a) Explain the manufac	ture of bicarbonates. 6
(b) How bleaching power	ler can be prepared? 4
(c) Discuss the manufact diagram.	ure of H <sub>2</sub> SO <sub>4</sub> with flow
OR	a gradining to
(p) Explain synthesis of	calcium carbides. 6
(q) How HCl can be pro	epared ?
(r) Discuss manufacturing	ng of nitric acid. 6
AQ-1006	of P.T.O.

of P.T.O.

2.	(a)	Discuss the production, hazards and uses CO <sub>2</sub> .	of 6		<b>(</b> q)	Write a note on — lead glass. 4
	(b)	Give the uses of :—	·		(r)	Give applications of ceramics.
	(-)	<ul><li>(i) phosgene gas</li><li>(ii) Acetylene gas.</li></ul>	4	4.	(a)	Describe different methods of determining depreciation.
	(c)	What are nitrogeneous fertilizers? Disc in detail.	uss 6		(b)	Discuss competitive and monopoly markets
	(p)	OR  Give Hazards and uses of:—		· · ·	(c)	What is the economics involved in selecting alternatives?
		(i) SO <sub>2</sub>	•	1 5 1	-	OR
		(ii) Hydrogen.	6		<b>(</b> p)	What are the factors involved in project cost?
	· (q)	How ammonium salts are manufactured	? 4			
	(r)	What are superphosphates? Explain synthesis and uses.	its 6		(q)	Which methods are used for estimating capital investment?
		Systematical and an arrangement of the state			(r)	Write in detail:—
3.	(a)	Discuss different types of cements.	6			Break even point.
	(b)	What are the compositions of glass	and			•
		discuss their properties.	4	<b>5.</b>	(a)	Explain the concept of scientific managemen
	(c)	Explain preparation of ceramics.	6			in industry.
	•	OR			<b>(b)</b>	Discuss different fire fighting equipments.
	(p)	How cement can be prepard?	6		(c)	Which control measures are taken for handling toxic chemicals?
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