a) Chemport

b) ScienceDirect

LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

M.Sc. DEGREE EXAMINATION - CHEMISTRY

THIRD SEMESTER - APRIL 2016

THEFAY LINE V	CH 3815 - SCIENTIFIC RESEARCH	H METHODOLOGY	
	e: 28-04-2016 Dept. No. e: 09:00-12:00	Max.: 100 Marks	
	Part-A		
Ansı	wer ALL questions.	$(10\times 2=20$	
1.	What is the significance of a research?		
2.	What do you mean by quantitative research.		
3.	5 11		
	(i) Inorganica Chimica Acta (ii) Synthetic Letters		
4	(iii) Angewandte Chemie (iv) Chemical Reviews		
4. 5.	Name the various abstracts available in science and technology. How are patents referred in a journal?		
5. 6.	What are the different types of technical communications?		
7.	Write the expansion of the following abbreviations.		
, .	<u> </u>	v) i.e.	
8.	What are the differences between foot note and reference?	,	
9.	Write the classification of outlining.		
10.	How is ASAP alerts nowadays called?		
	Dont D		
Ansı	Part-B wer any EIGHT questions.	$(8\times 5=40)$	
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11. 12.	What are the different types of research methodology? Explain any one in detail. Compare between fundamental and applied research.		
13.	1		
14.	, and the state of		
15.			
16.			
17.			
18.			
19.			
20.	i) period ii) semicolon iii) comma How are tautology and imprecise words eliminated in scientific	writing?	
21.	er e		
22.	How are google scholar and scopus helpful to learn the status of the citation of each publication?		
	Part-C		
Ansı	wer any FOUR questions.	$(4\times10=40$	
	What are the purposes of research?		
	Compare between deductive and inductive research.		
	What are treatises? Explain any one in detail.		
	b. Discuss in detail about the Merck index.		
25.			
26. How is a project proposal written? Explain the scientific approach of it.			
27a. Who are primary audiences? What is their role in technical communication?			
	How is scifinder useful to identify a journal and its status?		
28.	Write a short note on the following.		
