BACHELOR OF SCIENCE

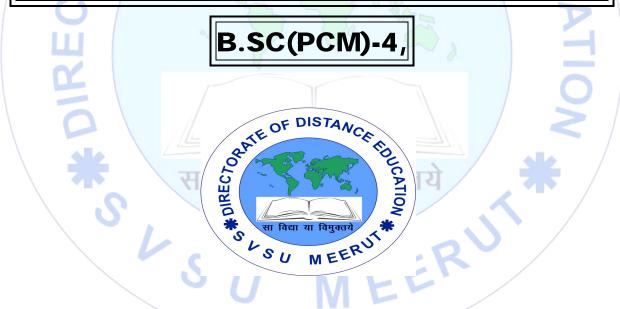
(PCM)

B.SC(PCM)/ASSIGN/ IV/SEM/C-2020

Assignments

(For DECAMBER Calendar Batch-2020





DIRECTORATE OF DISTANCE EDUCATION

SWAMI VIVEKANAND SUBHARTI UNIVERSITY

Subhartipuram, NH-58, Delhi-Haridwar-Meerut

By-Pass Road, Meerut- 250 005

Detail of Program

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Course Code	Name of Subject	Page No.	
B.SC(PCM)-1	Circuit Fundamentals and Basic Electronics	3	
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B.SC(PCM)-3	Real Analysis	5	
B.SC(PCM)-4	Fuel Chemistry, Chemistry of Cosmetics & Perfumes	6	

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Course Code	:	B.SC(PCM) -1		
Course Title	:	Circuit Fundamentals and Basic Electronics		
Assignment No.	:	B.SC(PCM) -1/ C-2020		
Maximum Marks	:	15		
Words Attempt all question	: s.	100 words DISTA arks.		
All questions carry e	qual m	arks.		
Q.1 Define Power	and E	inergy?		
Q.2 What is electric circuit or electric network?				
Q.3 Define Independent source.				
Q.4 Define ideal voltage source				
Q.5 Define time variant voltage source. सा विद्या या विमुक्तये SUBEER				

Course Code	:	B.SC(PCM) -2
Course Title	:	Coordination Chemistry, States of Matter & Chemical Kinetics
Assignment No.	:	B.SC(PCM) -2/ C-2020
Maximum Marks		¹⁵ E DISTA
Words	:	200 words

Attempt all questions.

All questions carry equal marks.

Q.1 Write the unit of rate constant for a zero order reaction.

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Q.2 Define rate of reaction.

. . .

- Q.3 Define rate constant (K)..
- Q.4 Define the following :
- (i) Elementary step in a reaction
- (ii) Rate of a reaction (All India 2009)

Q.5 Distinguish between 'rate expression' and 'rate constant' of a reaction.

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Course Code	:	B.SC(PCM) -3
Course Title	:	Real Analysis
Assignment No.	:	B.SC(PCM) -3/ C-2020
Maximum Marks		15 C DISTA
Words	: ८	200 words

Attempt all questions.

All questions carry equal marks.

Q.1 Describe the Taylor's theorem.

Q.2 Write a short note on Riemann's theorem.

Q.3 Define the Linear Transformations.

Q.4 Describe the Function of bounded variation.

Q.5 Write a short note on Jensen's inequalities.

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Course Code	:	B.SC(PCM) -4		
Course Title	:	Fuel Chemistry, Chemistry of Cosmetics & Perfumes		
Assignment No.	:	B.SC(PCM) -4/ C-2020		
Maximum Marks	;			
Words	:	200 words		
	くと	15 200 words		
Attempt all questions				
All questions carry e	qual ma	rks.		
		A Part of C		
Q.1 How fuels are classified. Give one example for each.				
Q.2 Define calorific value.				
Q.3 Explain ultimate analysis.				
Q.4 Explain higher & lower calorific value.				
Q.5 Explain proximate analysis.				
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