

Sir Padampat Singhania Education Centre Kamla Nagar, Kanpur

Lesson Plan Session 2021 - 2022 Class: XII

Subject : Informatics Practices (065)

Informatics Practices by Sumita Arora(Pub-**Book**

Dhanpat Rai)

Subject Coordinator

Head of Department Name: Richi Sharma Name:

Sign: Sign:



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Yearly Syllabus/Planning overview Session: 2021 - 2022

Subject: Informatics Practices Class: XII No. of periods : 5 PW

Month	Assessed in	Lesson/s to be covered	Period Count
April 2021	Test1	DBMS concepts Class XI, Aggregate Functions, Joins	15
May 2021	Test 1	Joins Continued,Operation on Relations	8+4 8
June 2021	X	Data Handling using Pandas -I	2
July 2021	Test 2	Data Handling using Pandas –I continued, Pandas –II	
Aug 2021	Test 2 + HYE	Pandas –II ,Data visualization	
September 2021	НҮЕ	Data visualization continued	
October 2021	PB-1	Introduction to Computer Networks	
November 2021	PB-1	Societal Impacts	
December 2021	PB-2	Revision	
January 2022	PB-2	Revision	
February 2022	Boards	Revision	
March 2022	Boards	-	

Subject coordinator: HOD: RSA



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Monthly lesson plan overview

Session: 2021 - 2022

Subject : Informatics Practices Class : XII
Book : IP - Dhanpat Rai Publication No. of periods : 5 PW

Date	/Week			Status	
From	То	Lesson/s to be covered in classroom	Period Count	(Yes/No) (Reason if No)	Principal's Sign
8 Apr, 21	10 Apr, 21	DBMS Concepts Revision	5		
12 Apr, 21	17 Apr, 21	DBMS Concepts Revision	5		
19 Apr, 21	24 Apr, 21	DBMS Concepts Revision, Aggregate Functions	5		
26 Apr, 21	1 May, 21	Introduction to joins	5		
3 May, 21	8 May, 21	Joins	5		
10 May, 21	15 May, 21	Joins	5		
17 May, 21	22 May, 21	Joins, Operations on relations	5		
24 May, 21	29 May, 21	Operations on relations	5		
28 June, 21	30 June, 21	Data Handling using Pandas -I	2		
1 July, 21	3 July, 21	Data Handling using Pandas –I, , Pandas –II	5		
5 July, 21	10 July, 21	Pandas –II	5		
12 July, 21	17 July, 21	Pandas –II	5		
19 July, 21	24 July, 21	Pandas –II	5		
26 July, 21	31 July, 21	Pandas –II	5		
2 Aug, 21	7 Aug, 21	Pandas –II,Data Visulatization	5		
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9 Aug, 21	14 Aug, 21	Data Visulatization	5	
16 Aug, 21	21 Aug, 21	Data Visulatization	5	
23 Aug, 21	28 Aug, 21	Data Visulatization	5	
30 Aug, 21	4 Sep, 21	Data visualization continued	5	
6 Sep, 21	11 Sep, 21	Data visualization continued	5	
13 Sep, 21	18 Sep, 21	Data visualization continued	5	
20 Sep, 21	25 Sep, 21	НҮЕ		
27 Sep, 21	2 Oct, 21	НҮЕ		
4 Oct, 21	9 Oct, 21	Introduction to Computer Networks	5	
11 Oct, 21	16 Oct, 21	Introduction to Computer Networks	5	
18 Oct, 21	23 Oct, 21	Introduction to Computer Networks	3*	
25 Oct, 21	30 Oct, 21	Introduction to Computer Networks	5	
1 Nov, 21	6 Nov, 21	Introduction to Computer Networks	2*	
8 Nov, 21	13 Nov, 21	Societal Impacts	5	
15 Nov, 21	20 Nov, 21	Societal Impacts	5	
22 Nov, 21	27 Nov, 21	Societal Impacts	5	
29 Nov, 21	4 Dec, 21	Revision	5	
6 Dec, 21	11 Dec, 21	Pre Board - 1		
13 Dec, 21	18 Dec, 21	Pre Board - 1		
20 Dec, 21	25 Dec, 21	Revision	5	

i -				
27 Dec, 21	1 Jan, 22	Revision	5	
3 Jan, 22	8 Jan, 22	Pre Board - 2		
10 Jan, 22	15 Jan, 22	Pre Board - 2		
17 Jan, 22	22 Jan, 22	Revision and Practical Practice		
24 Jan, 22	29 Jan, 22	Revision and Practical Practice		
31 Jan, 22	5 Feb, 22	Revision and Practical Practice		
7 Feb, 22	12 Feb, 22	Revision and Practical Practice		
14 Feb, 22	19 Feb, 22	Revision and Practical Practice		
21 Feb, 22	26 Feb, 22	Revision and Practical Practice		
28 Feb, 22	5 Mar, 22	Revision		
7 Mar, 22	12 Mar, 22	Board Examination Month		
14 Mar, 22	19 Mar, 22	Board Examination Month		
21 Mar, 22	26 Mar. 22	Board Examination Month		
28 Mar, 22	31 Mar, 22	Board Examination Month		



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2021 - 2022

Class : XII No. of periods : 5PW

CIUSS	• 2344	no. or perious	. 01 11
Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK 1:	8 April to 10 April	Perio	od Count: 5
PD1	DBMS Concepts Revision		
PD2	DBMS Concepts Revision		
PD3	DBMS Concepts Revision		
PD4	X		
PD5	X		
Note:			
WEEK 2:	12 April to 17 April	Pe	riod Count: 5
PD1	DBMS Concepts Revision		
PD2	DBMS Concepts Revision		
PD3	DBMS Concepts Revision		
PD4	DBMS Concepts Revision		
PD5	DBMS Concepts Revision		
Note:		'	1
WEEK 3:	19 April to 24April	Perio	od Count: 5
PD1	Aggregate Functions		
PD1			

Aggregate Functions		
Aggregate Functions		
Aggregate Functions		
Aggregate Functions		
WEEK 4: 26 April to 1 May Period Count:		
Introduction to joins		
introduction to joins		
joins		
joins		
joins		
joins		
	<u> </u>	
7 to 8 May	Period (Count: 5
joins		
		<u> </u>
ay to 15 May	Perio	d Count: 5
Operations on relations		
Operations on relations		
	Aggregate Functions Aggregate Functions Aggregate Functions Pril to 1 May Introduction to joins joins	Aggregate Functions Aggregate Functions Aggregate Functions Period Introduction to joins

PD3	Operations on relations		
PD4	Operations on relations		
PD5	Operations on relations		
Note:			
WEEK 7	17 May to 22 May	Perio	d Count: 5
PD1	Practice Questions on joins		
PD2	Practice Questions on joins		
PD3	Practice Questions on joins		
PD4	Practice Questions on joins		
PD5	Practice Questions on joins		
Note:	<u> </u>		
WEEK 8	24 May to 29 May	Perio	d Count: 5
PD1	Operations on relations Questions		
PD1	Operations on relations Questions Operations on relations Questions		
PD2	Operations on relations Questions		
PD2	Operations on relations Questions Operations on relations Questions		
PD2 PD3 PD4	Operations on relations Questions Operations on relations Questions Operations on relations Questions		
PD2 PD3 PD4 PD5 Note:	Operations on relations Questions Operations on relations Questions Operations on relations Questions	Period	d Count: 2
PD2 PD3 PD4 PD5 Note:	Operations on relations Questions Operations on relations Questions Operations on relations Questions Operations on relations Questions	Period	d Count: 2
PD2 PD3 PD4 PD5 Note:	Operations on relations Questions Operations on relations Questions Operations on relations Questions Operations on relations Questions 28 June to 3 July	Period	d Count: 2
PD2 PD3 PD4 PD5 Note: WEEK 9:	Operations on relations Questions 28 June to 3 July Data Handling using Pandas	Period	d Count: 2

x	
x	
0: 5 July to 10 July	Period Count: 5
Data Handling using Pandas	
1: 12 July to 17 July	Period Count: 5
Data Handling using Pandas	
	,
2: 19 July to 24 July	Period Count: 5
Data Handling using Pandas	
Data Handling using Pandas	
· ·	+
Data Handling using Pandas	
	O: 5 July to 10 July Data Handling using Pandas 1: 12 July to 17 July Data Handling using Pandas Data Handling using Pandas

PD5	Data Handling using Pandas		
Note:			
WEEK 13: 26 July to 31 July Period Count: 5			riod Count: 5
PD1	Pandas –II		
PD2	Pandas –II		
PD3	Pandas –II		
PD4	Pandas –II		
PD5	Pandas –II		
Note:			
WEEK 1	1: 2 Aug to 7 Aug	Period	Count: 5
PD1	Data Visulatization		
PD2	Data Visulatization		
PD3	Data Visulatization		
PD4	Data Visulatization		
PD5	Data Visulatization		
Note:		I	I
WEEK 1	5: 9 Aug to 14 Aug	Perio	d Count: 5
PD1	Data Visulatization		
PD2	Data Visulatization		
PD3	Data Visulatization		
PD4	Data Visulatization		
PD5	Data Visulatization		

WEEK 16: 16 Aug to 21 Aug Period Count: 5			
Data Visulatization			
		1	
3 Aug to 28 Aug	Peri	od Count: 5	
Data Visulatization			
Aug to 4 Sep	Perio	d Count: 5	
Data Visulatization Questions			
	Data Visulatization Data Visulatization Questions Data Visulatization Questions Data Visulatization Questions Data Visulatization Questions Data Visulatization Questions	Data Visulatization Data Visulatization Questions Data Visulatization Questions Data Visulatization Questions Data Visulatization Questions Data Visulatization Questions	

WEEK 1	.9: 6 Sep to 11 Sep	Period Count: 5
PD1	Data Visulatization Questions	
PD2	Data Visulatization Questions	
PD3	Data Visulatization Questions	
PD4	Data Visulatization Questions	
PD5	Data Visulatization Questions	
Note:	_1	<u> </u>
WEEK 2	20: 13 Sep to 18 Sep	Period Count: 5
PD1	Revision	
PD2	Revision	
PD3	Revision	
PD4	Revision	
PD5	Revision	
Note:		<u> </u>
WEEK 2	21: 20 Sep to 25 Sep	Period Count: x
PD1	Half Yearly Examination	
PD2	Half Yearly Examination	
PD3	Half Yearly Examination	
PD4	Half Yearly Examination	
PD5	Half Yearly Examination	
Note:		l
WEEK 2	22: 27 Oct to 2 Oct	Period Count: x

PD1	Half Yearly Examination			
PD2	Half Yearly Examination			
PD3	Half Yearly Examination			
PD4	Half Yearly Examination			
PD5	Half Yearly Examination			
Note:				
WEEK 23: 4 Oct to 9 Oct Period Count: 5				
PD1	Introduction to Computer Networks			
PD2	Networking Continued			
PD3	Networking Continued			
PD4	Networking Continued			
PD5	Networking Continued			
Note:				
WEEK 24	l: 11 Oct to 16 Oct	Perio	od Count: 5	
PD1	Networking Continued			
PD2	Networking Continued			
PD3	Networking Continued			
PD4	Networking Continued			
PD5	Networking Continued			
Note:				
WEEK 25: 18 Oct to 23 Oct Period Count: 3				

PD1	Networking Continued			
PD2	Networking Continued			
PD3	Networking Continued			
PD4	x			
PD5	x			
Note:				
WEEK 2	WEEK 26: 25 Oct to 30 Oct Period Count: 5			
PD1	Networking Continued			
PD2	Networking Continued			
PD3	Networking Continued			
PD4	Networking Continued			
PD5	Networking Continued			
Note:				
WEEK 2	EEK 27: 1 Nov to 6 Nov Period Count: 2		Count: 2	
PD1	Societal Impacts			
PD2	Societal Impacts			
PD3	х			
PD4	x			
PD5	x			
Note:				
WEEK 28: 8 Nov to 13 Nov Period Count: 5			d Count: 5	
PD1	Societal Impacts			
	1	1		

PD2	Societal Impacts				
PD3	Societal Impacts				
PD4	Societal Impacts				
PD5	Societal Impacts				
Note:	Note:				
WEEK 2	WEEK 29: 15 Nov to 20 Nov Period Count: 5				
PD1	Societal Impacts				
PD2	Societal Impacts				
PD3	Societal Impacts				
PD4	Societal Impacts				
PD5 Societal Impacts					
Note:					
WEEK 30: 22 Nov to 27 Nov Period Count: 5		od Count: 5			
W DDIX 3					
PD1	Project Work				
	Project Work Project Work				
PD1					
PD1	Project Work				
PD1 PD2 PD3	Project Work Project Work				
PD1 PD2 PD3 PD4	Project Work Project Work Project Work				
PD1 PD2 PD3 PD4 PD5 Note:	Project Work Project Work Project Work	Perio	d Count: 5		
PD1 PD2 PD3 PD4 PD5 Note:	Project Work Project Work Project Work Project Work	Perio	d Count: 5		
PD1 PD2 PD3 PD4 PD5 Note:	Project Work Project Work Project Work Project Work 1: 29 Nov to 4 Dec	Perio	d Count: 5		

PD3	Revision				
PD4	Revision				
PD5	Revision				
Note:					
WEEK 32: 6 Dec to 11 Dec Period Count: 5					
PD1	Pre Board - 1				
PD2	Pre Board - 1				
PD3	Pre Board - 1				
PD4	Pre Board - 1				
PD5	Pre Board - 1				
Note:	Note:				
WEEK 33: 13 Dec to 18 Dec Period Count: 5					
WEEK 33	s: 13 Dec to 18 Dec	Perio	od Count: 5		
WEEK 33	Pre Board - 1	Peri	od Count: 5		
		Peri	od Count: 5		
PD1	Pre Board - 1	Peri	od Count: 5		
PD1	Pre Board - 1 Pre Board - 1	Peri	od Count: 5		
PD1 PD2 PD3	Pre Board - 1 Pre Board - 1 Pre Board - 1	Peri	od Count: 5		
PD1 PD2 PD3 PD4	Pre Board - 1 Pre Board - 1 Pre Board - 1 Pre Board - 1	Peri	od Count: 5		
PD1 PD2 PD3 PD4 PD5 Note:	Pre Board - 1 Pre Board - 1 Pre Board - 1 Pre Board - 1		od Count: 5		
PD1 PD2 PD3 PD4 PD5 Note:	Pre Board - 1				
PD1 PD2 PD3 PD4 PD5 Note:	Pre Board - 1				
PD1 PD2 PD3 PD4 PD5 Note: WEEK 34 PD1	Pre Board - 1				

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PD4	Revision			
PD5	Revision			
Note:				
WEEK 35: 27 Dec to 1 Jan Period Count: 5				
PD1	Revision			
PD2	Revision			
PD3	Revision			
PD4	Revision			
PD5	Revision			
Note:				
WEEK 36	WEEK 36: 3 Jan to 8 Jan Period Count: 5			
PD1	Pre Board - 2			
PD2	Pre Board – 2			
PD3	Pre Board – 2			
PD4	Pre Board – 2			
PD5	Pre Board – 2			
Note:				
WEEK 37	WEEK 37: 10 Jan to 15 Jan Period Count: 5			
PD1	Pre Board – 2			
PD2	Pre Board – 2			
PD3	Pre Board – 2			
PD4	Pre Board – 2			

Note: WEEK 38: 17 Jan to 22 Jan Period Count: 5 PD1 Pre Board - 2 PD2 Pre Board - 2 PD3 Revision PD4 Revision PD5 Revision Period Count: 5 WEEK 39: 24 Jan to 29 Jan Period Count: 5 PD1 Revision PD2 Revision PD3 Revision PD4 Revision Note: WEEK 40: 1 Feb to 6 Feb Period Count: 5 PD1 Revision PD2 Revision	PD5	Pre Board – 2					
PD1	Note:	Note:					
PD2	WEEK 38: 17 Jan to 22 Jan Period Count: 5						
PD3	PD1	Pre Board - 2					
PD4 Revision PD5 Revision Note: WEEK 39: 24 Jan to 29 Jan PD1 Revision PD2 Revision PD3 Revision PD4 Revision PD5 Revision Note: WEEK 40: 1 Feb to 6 Feb Period Count: 5 PD1 Revision	PD2	Pre Board - 2					
PD5 Revision Note: WEEK 39: 24 Jan to 29 Jan Period Count: 5 PD1 Revision Period Count: 5 PD2 Revision PD3 Revision PD4 Revision PD5 Revision Note: WEEK 40: 1 Feb to 6 Feb Period Count: 5 PD1 Revision	PD3	Revision					
Note: WEEK 39: 24 Jan to 29 Jan Period Count: 5 PD1 Revision PD2 Revision PD3 Revision PD4 Revision PD5 Revision Note: WEEK 40: 1 Feb to 6 Feb Period Count: 5 PD1 Revision	PD4	Revision					
WEEK 39: 24 Jan to 29 Jan Period Count: 5 PD1 Revision PD2 Revision PD4 Revision PD5 Revision Note: WEEK 40: 1 Feb to 6 Feb Period Count: 5 PD1 Revision	PD5	Revision					
PD1 Revision PD2 Revision PD3 Revision PD4 Revision PD5 Revision Note: WEEK 40: 1 Feb to 6 Feb Period Count: 5 PD1 Revision	Note:						
PD2 Revision PD3 Revision PD4 Revision PD5 Revision Note: WEEK 40: 1 Feb to 6 Feb Period Count: 5 PD1 Revision	WEEK 39: 24 Jan to 29 Jan Period Count: 5			od Count: 5			
PD3 Revision PD4 Revision PD5 Revision Note: WEEK 40: 1 Feb to 6 Feb Period Count: 5 PD1 Revision	PD1	Revision					
PD4 Revision PD5 Revision Note: WEEK 40: 1 Feb to 6 Feb Period Count: 5 PD1 Revision	PD2	Revision					
PD5 Revision Note: WEEK 40: 1 Feb to 6 Feb Period Count: 5 PD1 Revision	PD3	Revision					
Note: WEEK 40: 1 Feb to 6 Feb Period Count: 5 PD1 Revision	PD4	Revision					
WEEK 40: 1 Feb to 6 Feb Period Count: 5 PD1 Revision	PD5	Revision					
PD1 Revision	Note:						
	WEEK 40): 1 Feb to 6 Feb	Period	Count: 5			
PD2 Revision	PD1	Revision					
	PD2	Revision					
PD3 Revision	PD3	Revision					
PD4 Revision	PD4	Revision					
PD5 Revision	PD5	Revision					

Note:				
WEEK 41: 8 Feb to 13 Feb Period Count: 5				
PD1	Revision + Board Practical			
PD2	Revision+ Board Practical			
PD3	Revision+ Board Practical			
PD4	Revision+ Board Practical			
PD5	Revision+ Board Practical			
Note:				
WEEK 42	2: 15 Feb to 20 Feb	Perio	od Count: 5	
PD1	Revision+ Board Practical			
PD2	Revision+ Board Practical			
PD3	Revision+ Board Practical			
PD4	Revision+ Board Practical			
PD5	Revision+ Board Practical			
Note:				
WEEK 43	: 22 Feb to 27 Feb	Perio	od Count: 5	
PD1	Revision+ Board Practical			
PD2	Revision+ Board Practical			
PD3	Revision+ Board Practical			
PD4	Revision+ Board Practical			
PD5	Revision+ Board Practical			
Note:				

WEEK 44: 1 Mar to 6 Mar Period Count: 5				
PD1	Revision			
PD2	Revision			
PD3	Revision			
PD4	Revision			
PD5	Revision			
Note:				
WEEK 45	5: 8 Mar to 13 Mar	Perio	od Count: 5	
PD1	Revision			
PD2	Revision			
PD3	Revision			
PD4	Revision			
PD5	Revision			
Note:				
WEEK 46	5: 15 Mar to 20 Mar	Per	iod Count: 5	
PD1	Revision			
PD2	Revision			
PD3	Revision			
PD4	Revision			
PD5	Revision			
Note:				
WEEK 47: 22 Mar to 27 Mar Period Count: 5				

PD1	ж				
PD2	x				
PD3	x				
PD4	x				
PD5	x				
Note:					
WEEK 48	3: 29 Mar to 31 Mar 2022		Period Count: 5		
PD1	х				
PD2	х				
PD3	x				
PD4	х				
PD5	x				
Note:	Note:				
PD1	х				
PD2	x				
PD3	x				
PD4	x				
PD5	x				
Note:	Note:				
		<u> </u>			

Subject coordinator	Supervisor	Principal/V. Principal



Remarks:

Subject coordinator:

Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Lesson plan implementation report

Session: 2021 - 2022

Term	:	Assessment	:
From Date	:	To Date	:

Subject : Computer Science : XII-G Class : CS - Saraswati Publication **Book** No. of periods : 5 PW

Section	Subject Teacher	Lesson/s to be covered according to lesson plan	Status Yes/No	Reason if not completed
	Teacher	to resson plan	165/110	completed

HOD: