Sir Padampat Singhania Education Centre
Kamla Nagar, Kanpur

Lesson Plan
Session 2023   - 2024
Class:XII

Subject   :   **MATHEMATICS   [041]**
Book   : **Mr R.D.Sharma, Mr R.S.Aggarwal**

Subject Coordinator   **Head of Department**
Name: S. K. Sharma   SANJAY KUMAR SHARMA

Sign: Sign:

Sir Padampat Singhania Education Centre
Kamla Nagar, Kanpur

Yearly Syllabus/Planning overview
Session: 2023   - 2024

Subject : MATHEMATICS [041]   **Class : XII**   **No. of periods : 196**

Month	Assessed in	Lesson/s to be covered	Period Count
April	Test -1,2,Half Yearly ,Pre-Board1,2	1.Matrices (Fully) 2.Determinants(Fully).	20
May	Test-2,Half Yearly, Pre-Board1,2	3. Relations and Functions(Fully),4.Inverse Trigonometric Functions(Fully) 5.Continuity and Differentiability(partly).	22
June	Test-2,Half Yearly, Pre-Board1,2	5.Continuity and Differentiability(fully).	04
July	Half Yearly, Pre-Board1,2	10 vectors ,11 Three- Dimensional Geometry (fully).	24
August	Half Yearly, Pre-Board1,2	12.Linear Programming ,13Probability	24
September	Pre-Board-1,2	Revision Work, 6.Applications of Derivatives 7.Inegrals(partly)	11
October	Pre-Board-1,2	7.Integrals(fully), 8.Applications of Integrals.	22
November	Pre-Board-1,2	9.Differential Equations +Revision Work.	20
December	Pre-Board-2	Revision Work.	14
January	-	Revision Work.	13
February		Revision Work.	22

Subject coordinator:S.K.Sharma   HOD:S.K.Sharma

Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Monthly lesson plan overview
Session: 2021 - 2022

Subject: Mathematics [041] **Class : XII**
Book :Mr R.D.Sharma and Mr R.S.Aggarwal **No. of periods** : 196

Date/Week		Lesson/s to be covered in classroom	Period Count	Status (Yes/No) (Reason if No)	Principal's Sign
From	**To**				
03th April	7th April	Matrices 4rth Mahavir Jayanti,Good Friday	4		
10th April	15th April	Matrices, 14th Ambedkar Jayanti	4		
17th April	22st April	Determinants 22nd Eid-Ul-Fitr	5		
24rth April	29th April	Determinants ,Relations and Functions	6		
1st May	6th May	Relations and Functions,Inverse Trigonometric Functions	5		
8th May	13th May	,Inverse Trigonometric Functions Test -1 Begins from 8rth	5		
15rth May	20th May	Test-1 ends on 16th	6		
22nd May	30th May	Continuity and Differentiability PTM on 30th May Summer Break from 31st	6		
26th June	30th June	Continuity and Differentiability	4		
1st July	8rth July	vectors ,	6		
10th July	15th Jul000y	vectors ,	6		
17th July	22nd July	Three- Dimensional Geometry . Revision Work II -term from20th	6		
24rth July	29th July	Three- Dimensional Geometry	5		
31st July	5th August	Linear Programming	6		
7th August	12th August	Linear Programming,	6		

Subject coordinator: S.K.Sharma   HOD: S.K. Sharma

Date/Week		Lesson/s to be covered in classroom	Period Count	Status (Yes/No) (Reason if No)	Principal's Sign
From	To				
14th August	19th August	Probability 15th Independence Day	5		
21st August	26th August	Probability	6		
28th August	31st August	Probability	3		
1st Sept	2nd Sept	Applications of Derivatives	2		
4rth Sept	9th Sept	Applications of Derivatives Revision Work	5		
11th Sept	16th Sept	Half Yearly Examination Begins From 11th	-		
18th Sept	23rd Sept	Half Yearly Examination ends on 23rd	-		
25 Sept	30th Sept	Integrals	5		
2nd Oct	7th Oct	Integrals	5		
9th Oct	14th Oct	Integrals	6		
16th oct	21st Oct	Applications of Integrals	6		
23rd Oct	28rth Oct	Dussehra Holidays from 22nd to 24rth	3		
30th Oct	4rth Nov	Applications of Integrals	6		
6th Nov	11th Nov	Differential equations	6		
13th Nov	18th Nov	Differential equations	4		

Subject coordinator: S.K.Sharma   HOD: S.K. Sharma

Date/Week		Lesson/s to be covered in classroom	Period Count	Status (Yes/No) (Reason if No)	Principal's Sign
From	To				
20th Nov	25th Nov	Differential equations Revision Work	5		
27th Nov	30th Nov	I PRE-BOARD from 29th	2		
1st Dec	2nd Dec	I PRE-BOARD	-		
4rth Dec	9th Dec	I PRE-BOARD ends on 6th Paper Discussion	3		
11th Dec	16th Dec	Revision Work quizzes + model papers+ sample papers	6		
18th Dec	23rd Dec	Revision Work quizzes + model papers+ sample papers	6		
25th Dec	30th Dec	Revision Work quizzes + model papers+ sample papers II- Pre- Board Begins from 26th	1		
1st Jan	6th Jan	II- Pre- Board	-		
8rth Jan	13th Jan	II- Pre- Board ends on 12th	-		
15th Jan	20th Feb	Revision Work quizzes + model papers+ sample papers	1		
22nd Jan	27th Jan	Revision Work quizzes + model papers+ sample papers 26th Republic Day	5		
29th Jan	3rd Feb	Revision Work quizzes + model papers+ sample papers	6		
5th Feb	10th Feb	Revision Work quizzes + model papers+ sample papers	6		
12th Feb	17th Feb	Revision Work quizzes + model papers+ sample papers	5		

19th Feb	24rth Feb		5		
26th Feb	29th Feb		4		

Subject coordinator: S.K.Sharma   HOD: S.K. Sharma

Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview
Session: 2023 - 2024

Subject   :MATHEMATICS [041]
Class   :   XII   **No. of periods   : 122**

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK 1: 3 April to 8 April		**Period Count: 04**	
PD1	Matrices		
PD2	Matrices		
PD3	Matrices		
PD4	Matrices		
PD5			
PD6			
Note:			
WEEK 2:10 April to 15 April		**Period Count: 04**	
PD1	Matrices		

PD2	Matrices		
PD3	Matrices		
PD4	Matrices		
PD4			
PD4			

Note:

WEEK 3: 17 April to 22 April   **Period Count: 05**

PD1	Matrices		
PD2	Matrices		
PD3	Determinants		
PD4	Determinants		
PD5	Determinants		
PD6			

Note:

WEEK 4: 24 April to 29April   **Period Count: 06**

PD1	Determinants		
PD2	Determinants		
PD3	Determinants		
PD4	Determinants		

PD5	Determinants		
PD6	Determinants		

Note:

WEEK 5: 1 May to 6 May   **Period Count: 05**

PD1	Relations and Functions		
PD2	Relations and Functions		
PD3	Relations and Functions		
PD4	Relations and Functions		
PD5	Relations and Functions		
PD6			

Note:

WEEK 6: 8 May to 13 May   **Period Count: 05**

PD1	Relations and Functions		
PD2	Relations and Functions		
PD3	Relations and Functions		
PD4	Inverse Trigonometric Functions		
PD5	Inverse Trigonometric Functions		
PD6			

Note:

WEEK 7: 15 May to 20 May   **Period Count: - 6**

PD1	Inverse Trigonometric Functions		
PD2	Inverse Trigonometric Functions		

PD3	Inverse Trigonometric Functions		
PD4	Inverse Trigonometric Functions		
PD5	Continuity and Differentiability		
PD6	Continuity and Differentiability		

Note:

WEEK 8: 22 May to 29 May
Period Count: -

PD1	Continuity and Differentiability		
PD2	Continuity and Differentiability		
PD3	Continuity and Differentiability		
PD4	Continuity and Differentiability		
PD5	Continuity and Differentiability		
PD6	Continuity and Differentiability		

Note:

WEEK 9: 26 June to 30 June   **Period Count: 04**

PD1	Continuity and Differentiability		
PD2	Continuity and Differentiability		
PD3	Continuity and Differentiability		
PD4	Continuity and Differentiability		

Note:

WEEK 10: 1 July to 8 July		**Period Count: 06**	
PD1	Vectors		
PD2	Vectors		
PD3	Vectors		
PD4	Vectors		
PD5	Vectors		
PD6	Vectors		

Note:

WEEK 11:10 July to 15 July **Period Count: 05**		**Period Count: 06**	
PD1	Vectors		
PD2	Three-Dimensional Geometry		
PD3	Three-Dimensional Geometry		
PD4	Three-Dimensional Geometry		
PD5	Three-Dimensional Geometry		
PD6	Three-Dimensional Geometry		

Note:

WEEK12: 17 July to 22 July		**Period Count: 06**	
PD1	Three-Dimensional Geometry		
PD2	Three-Dimensional Geometry		
PD3	Three-Dimensional Geometry		
PD4	Three-Dimensional Geometry		
PD5	Revision Work		

PD6	Revision Work		

Note:

WEEK 13: 24 July to 29 July   **Period Count: 05**

PD1	Three-Dimensional Geometry		
PD2	Three-Dimensional Geometry		
PD3	Three-Dimensional Geometry		
PD4	Linear Programming		
PD5	Linear Programming		

Note:

WEEK 14: 31July to 05 August   **Period Count: 6**
Period Count: -

PD1	Linear Programming		
PD2	Linear Programming		
PD3	Linear Programming		
PD4	Linear Programming		
PD5	Linear Programming		
PD6	Linear Programming		

Note:

WEEK 15 : 07 August to 12 August   **Period Count: 06**

PD1	Linear Programming		
PD2	Linear Programming		
PD3	Probability		
PD4	Probability		
PD5	Probability		
PD6	Probability		

Note:

WEEK 16: 14 August to 19 August   **Period Count: 05**

PD1	Probability		
PD2	Probability		
PD3	Probability		
PD4	Probability		
PD5	Probability		

Note:

WEEK 17:   21 August to 26 August   **Period Count: 06**
Period Count: 05

PD1	Probability		
PD2	Probability		
PD3	Probability		
PD4	Probability		
PD5	Probability		

Note:

WEEK 18: 28 August to 02 Sept
Period Count: 05

PD1	Probability		
PD2	Probability		
PD3	Probability		
PD4	Probability		
PD5	Probability		

Note:

WEEK 19: 04 Sept to 9 Sept		**Period Count: 05**	
PD1	Revision Work		
PD2	Revision Work		
PD3	Revision Work		
PD4	Revision Work		
PD5	Revision Work		

Note:

WEEK 20 :11 Sept to 16 Sept
Period Count: -

	Half Yearly Examinations		

Note:

WEEK 21: 18 Sept to 23 Sept
Period Count: -

	Half Yearly Examinations		

Note:

WEEK 22 : 25 Sept to 30 Sep	**Period Count: 05**

PD1	Paper Discussion		
PD2	Applications of Derivatives		
PD3	Applications of Derivatives		
PD4	Applications of Derivatives		

PD5	Applications of Derivatives		

Note:

WEEK 23 : 02 Oct to 07 Oct
Period Count: 05

PD1	Applications of Derivatives		
PD2	Applications of Derivatives		
PD3	Integrals		
PD4	Integrals		
PD5	Integrals		

Note:

WEEK 24 : 9 Oct to 14 Oct
Period Count: 06

PD1	Integrals		
PD2	Integrals		
PD3	Integrals		
PD5	Integrals		
PD6	Integrals		

Note:

WEEK 25 : 16 Oct to 21 Oct   **Period Count: 06**

PD1	Integrals		
PD2	Integrals		
PD3	Integrals		
PD4	Integrals		

PD5	Integrals		
PD6	Integrals		

Note:

WEEK 26: 23 Oct to 28 Oct
Period Count: 03

PD1	Applications of Integrals		
PD2	Applications of Integrals		
PD3	Applications of Integrals		
PD4			
PD5			

Note:

WEEK 27: 30 Oct to 04 Nov
Period Count: 06

PD1	Applications of Integrals		
PD2	Applications of Integrals		
PD3	Applications of Integrals		
PD4	Applications of Integrals		
PD5	Applications of Integrals		
PD6	Applications of Integrals		

Note:

WEEK 28 : 06 Nov to 11 Nov   **Period Count: 06**

PD1	Differential Equations		
PD2	Differential Equations		
PD3	Differential Equations		
PD4	Differential Equations		
PD5	Differential Equations		
PD6	Differential Equations		

Note:

WEEK 29 : 13 Nov to 18 Nov
Period Count: 05

PD1	Differential Equations		
PD2	Differential Equations		
PD3	Differential Equations		
PD4	Differential Equations		
PD5			

Note:

WEEK 30 : 20 Nov to 25 Nov
Period Count: -5

PD1	Differential Equations		
PD2	Differential Equations		
PD3	Differential Equations		
PD4	Revision Work quizzes + model papers+ sample papers		

PD5	Revision Work quizzes + model papers+ sample papers		

Note:

WEEK 31: 27 Nov to 02 Dec		**Period Count: -2**	
PD1	Revision Work quizzes + model papers+ sample papers		
PD2	Revision Work quizzes + model papers+ sample papers		
	I PRE- BOARD from 29th		

Note:

WEEK 32: 04 Dec to 9 Dec **Period Count: 03**			
	I PRE- BOARD ends on 6th		
PD1	Paper Discussion		
PD2	Revision Work quizzes + model papers+ sample papers		
PD3	Revision Work quizzes + model papers+ sample papers		

Note:

WEEK 33: 11 Dec to 16 Dec **Period Count: 06**			
PD1	Revision Work quizzes + model papers+ sample papers		
PD2	Revision Work quizzes + model papers+ sample papers		
PD3	Revision Work quizzes + model papers+ sample papers		
PD4	Revision Work quizzes + model papers+ sample papers		
PD5	Revision Work quizzes + model papers+ sample papers		
PD6	Revision Work quizzes + model papers+ sample papers		
Note:			

WEEK 34 : 18 Dec to 23 Dec **Period Count: - 06**			
PD1	Revision Work quizzes + model papers+ sample papers		
PD2	Revision Work quizzes + model papers+ sample papers		
PD3	Revision Work quizzes + model papers+ sample papers		
PD4	Revision Work quizzes + model papers+ sample papers		
PD5	Revision Work quizzes + model papers+ sample papers		
PD6	Revision Work quizzes + model papers+ sample papers		
Note:			

WEEK 35 : 25 Dec to 30 Dec		Period Count: - 01	
PD1	II PRE -BOARD BEGINS FROM 26TH		
PD2			
PD3			

Note:

WEEK 36 : 01 Jan to 06 Jan Period Count: -			
	II PRE -BOARD BEGIN		

Note:

WEEK 37 : 8 Jan to 13 Jan Period Count: -			
	II PRE -BOARD BEGIN ENDS ON 12TH		

Note:

WEEK 38 : 15 Jan to 20 Jan		**Period Count: -1**	
PD1	PAPER DISCUSSION		

Note:

WEEK 39 : 22 Jan to 27 Jan
Period Count: 05

PD1	Revision Work quizzes + model papers+ sample papers		
PD2	Revision Work quizzes + model papers+ sample papers		
PD3	Revision Work quizzes + model papers+ sample papers		
PD4	Revision Work quizzes + model papers+ sample papers		
PD5	Revision Work quizzes + model papers+ sample papers		

Note:

WEEK 40 : 29 Jan to 0 3Feb
Period Count :05

PD1	Revision Work quizzes + model papers+ sample papers		
PD2	Revision Work quizzes + model papers+ sample papers		

	Revision Work quizzes + model papers+ sample papers			
PD3	Revision Work quizzes + model papers+ sample papers			
PD4	Revision Work quizzes + model papers+ sample papers			
PD5	Revision Work quizzes + model papers+ sample papers			

Note:

Subject co-ordinator : S.K.Sharma   **H.O.D : S.K.Sharma**

Note:

Sir Padampat Singhania Education Centre
Kamla Nagar, Kanpur
Lesson plan implementation report
Session: 2021   - 2022

Term	:		**Assessment**	:
From Date	:		**To Date**	:
Subject	: MATHEMATICS [041]		**Class**	: XII
Book	:Mr R.D.Sharma and Mr R.S. Aggarwal		**No. of periods**	:

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

Remarks:

Subject coordinator:S.K.Sharma   HOD: S.K.Sharma