Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Lesson Plan

Session 2021 - 2022

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: 2021   - 2022

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

Month	Assessed in	Lesson/s to be covered	Period Count
April	Test -1,2,Half Yearly ,Pre-Board1,2	1.Matrices (Fully) 2.Determinants(Partly).	12
May	Test-1,2,Half Yearly, Pre-Board1,2	2. Determinants(Fully) .	12
July	Test-2,Half Yearly, Pre-Board1,2	3. Relations and Functions(Fully),4.Inverse Trigonometric Functions(Fully) 5.Continuity and Differentiability(Fully).	22
August	Half Yearly, Pre-Board1,2	6.Applications of Derivatives(Fully),7.Integrals(Fully)8.Applications of Integrals(Partly).	13
September	Half Yearly, Pre-Board1,2	8.Applications of Integrals (Fully)	09
October	Pre-Board-1,2	9.Differential Equations(Fully),10.Vectors (Fully)11.Three-Dimensional Geometry(Partly).	18
November	Pre-Board-1,2	11.Three- Dimensional Geometry(Fully),12.LinearProgramming(Fully) and 13.ProbabilityFully).	11
December	-	Revision Work.	16
January	-	Revision Work.	05
February	-	Revision Work.	04

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   : 122**

Date/Week		Lesson/s to be covered in classroom	Period Count	Status (Yes/No) (Reason if No)	Principal's Sign
From	**To**				
12th April	17th April	Matrices 14th Ambedkar Jayanti	4		
19th April	24rth April	Matrices 21st Ram Navami	4		
26th April	1st May	Determinants	5		
3rd May	8th May	Determinants 8rth (II Saturday)	4		
10th May	15th May	Determinants 13th Eid-Ul-Fitr	4		
17th May	22nd May	Revision Work Test -1 Begins from 21st	3		
24rth May	29th May	Test-1 ends on 29th 26th Buddha Purnima	-		
31st May	30th June	Summer Break	-		
1st July	3rd July	Relations and Functions	3		
5th July	10th July	Relations and Functions	5		
12th July	17th July	Inverse Trigonometric Functions	5		
19th July	24rth July	Continuity and Differentiability 21st Eid -Ul-Zuha	4		
26th July	31st July	Continuity and Differentiability Revision Work	5		
2nd August	7th August	Test -2 Begins	-		
9th August	14th August	Test-2 ends on 9th Applications of Derivatives 14 (II-Saturday)	3		

Date/Week		Lesson/s to be covered in classroom	Period Count	Status (Yes/No) (Reason if No)	Principal's Sign
From	**To**				
16th August	21st August	Integrals 19th Muharram	4		
23rd August	28rth August	Integrals and Applications of	5		
30th August	4rth Sept.	Applications of Integrals 30th Shree Krishna Janmashtami	4		
6th Sept	11th Sept	Revision Work 11th II- Saturday	4		
13th Sept	18th Sept	13th Half Yearly Examination Begins	-		
20th Sept	25th Sept	Half Yearly Examination	-		
27th Sept	2nd oct	Half Yearly Examination ends on 27th Paper Discussion 2nd Gandhi Jayanti	3		
4rth Oct	9th Oct	Differential Equations 9th II-Saturday	4		
11th Oct	16th Oct	Vectors 14th , 15th Dussehra Holidays	3		
18th Oct	23rd Oct	Three-Dimensional Geometry	5		
25th oct	30th Oct	Three – Dimensional Geometry	5		
1st Nov	6th Nov	Linear Programming 4rth to 6th Deepawali Holidays	2		
8th Nov	13th Nov	Probability 13th II-Saturday	4		
15th Nov	20th Nov	Probability Revision Work	5		
22nd Nov	27th Nov	22nd Pre-Board 1 Begins	-		

Date/Week		Lesson/s to be covered in classroom	Period Count	Status (Yes/No) (Reason if No)	Principal's Sign
From	To				
29th Nov	4rth Dec	4rth Pre-Board 1 ends	-		
6th Dec	11th Dec	Paper Discussion 11th II-Saturday	4		
13th Dec	18rth Dec	Revision Work	5		
20th Dec	25th Dec	Revision Work 25th Christmas Holiday	4		
27th Dec	1st Jan	Revision Work 31st Winter Break starts	3		
3rd Jan	8rth Jan	8rth Winter Break Ends	-		
10th Jan	15th Jan	10th Pre-Board 2 Begins 14th Makar Sankranti	-		
17th Jan	22nd Jan	22nd Pre- Board 2 ends	-		
24rth Jan	29th Jan	Paper Discussion 26th Republic Day	4		
31st Jan	5th Feb	Revision Work	5		

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

Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview
Session: 2021 - 2022

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: 12 April to 17 April			**Period Count: 04**
PD1	Matrices		
PD2	Matrices		
PD3	Matrices		
PD4	Matrices		
Note:			
WEEK 2:19 April to 24 April **Period Count: 04**			
PD1	Matrices		
PD2	Matrices		
PD3	Matrices		
PD4	Matrices		
Note:			
WEEK 3: 26 April to 01 May			

Period Count: 05			
PD1	Determinants		
PD2	Determinants		
PD3	Determinants		
PD4	Determinants		
PD5	Determinants		

Note:

WEEK 4: 03 May to 08 May		Period Count: 04	
PD1	Determinants		
PD2	Determinants		
PD3	Determinants		
PD4	Determinants		

Note:

WEEK 5: 10 May to 15 May
Period Count: 04

PD1	Determinants		
PD2	Determinants		
PD3	Determinants		
PD4	Determinants		

Note:

WEEK 6: 17 May to 22 May
Period Count: 03

PD1	Revision Work		
PD2	Revision Work		
PD3	Revision Work		

Note:

WEEK 7: 24 May to 29 May   **Period Count: -**

	Test1		

Note:

WEEK 8: 31 May to 30 Jun
Period Count: -

	Summer Break		

Note:

WEEK 9: 01 July to 3 July
Period Count: 03

PD1	Relations and Functions		

PD2	Relations and Functions		
PD3	Relations and Functions		

Note:

WEEK 10: 05 July to 10 July		**Period Count: 05**	
PD1	Relations and Functions		
PD2	Relations and Functions		
PD3	Relations and Functions		
PD4	Relations and Functions		
PD5	Relations and Functions		

Note:

WEEK 11:12 July to 17 July **Period Count: 05**			
PD1	Inverse Trigonometric Functions		
PD2	Inverse Trigonometric Functions		
PD3	Inverse Trigonometric Functions		
PD4	Inverse Trigonometric Functions		
PD5	Inverse Trigonometric Functions		

Note:

WEEK12: 19 July to 24 July **Period Count: 04**			
PD1	Continuity and Differentiability		

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

Note:

WEEK 13: 26 July to 31 July **Period Count: 05**

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

Note:

WEEK 14: 2 August to 07 August
Period Count: -

	Test-2		

Note:

WEEK 15 : 09 August to 14 August
Period Count: 03

PD1	Applications of Derivatives		

PD2	Applications of Derivatives		
PD3	Applications of Derivatives		

Note:

WEEK 16: 16 August to 21 August			**Period Count: 04**
PD1	Integrals		
PD2	Integrals		
PD3	Integrals		
PD4	Integrals		

Note:

WEEK 17: 23 August to 28 August **Period Count: 05**			
PD1	Integrals		
PD2	Integrals		
PD3	Integrals		
PD4	Integrals		
PD5	Applications of Integrals		

Note:

WEEK 18: 30 August to 04 Sept **Period Count: 04**			
PD1	Applications of Integrals		

PD2	Applications of Integrals		
PD3	Applications of Integrals		
PD4	Applications of Integrals		

Note:

WEEK 19: 06 Sept to 11 Sept			Period Count: 04
PD1	Revision Work		
PD2	Revision Work		
PD3	Revision Work		
PG4	Revision Work		

Note:

WEEK 20 :13 Sept to 18 Sept
Period Count: -

	Half Yearly Examinations		

Note:

WEEK 21: 20 Sept to 25 Sept
Period Count: -

	Half Yearly Examinations		

Note:

WEEK 22 : 27 Sept to 02 Oct		**Period Count: 03**	
PD1	Half Yearly Examinations		
PD2	Paper Discussion		
PD3	Paper Discussion		

Note:

WEEK 23 : 04 Oct to 09 Oct **Period Count: 04**			
PD1	Differential Equations		
PD2	Differential Equations		
PD3	Differential Equations		
PG4	Differential Equations		

Note:

WEEK 24 : 11 Oct to 16 Oct **Period Count: 03**			
PD1	Vectors		

PD2	Vectors		
PD3	Vectors		

Note:

WEEK 25 : 18 Oct to 23 Oct **Period Count: 05**

PD1	Three-Dimensional Geometry		
PD2	Three – Dimensional Geometry		
PD3	Three – Dimensional Geometry		
PD4	Three- Dimensional Geometry		
PD5	Three Dimensional Geometry		

Note:

WEEK 26: 25 Oct to 30 Oct
Period Count: 05

PD1	Three-Dimensional Geometry		
PD2	Three- Dimensional Geometry		
PD3	Three – Dimensional Geometry		
PD4	Three- Dimensional Geometry		
PD5	Three – Dimensional Geometry		

Note:

WEEK 27: 01 Nov to 06 Nov
Period Count: 02

PD1	Linear Programming		

PD2	Linear Programming		

Note:

WEEK 28 : 08 Nov to 13 Nov			**Period Count: 04**
PD1	Probability		
PD2	Probability		
PD3	Probability		
PD4	Probability		

Note:

WEEK 29 : 15 Nov to 20 Nov **Period Count: 05**			
PD1	Probability		
PD2	Probability		
PD3	Probability		
PD4	Probability		
PD5	Probability		

Note:

WEEK 30 : 22 Nov to 27 Nov **Period Count: -**			

	Pre-Board 1		

Note:

WEEK 31: 29 Nov to 04 Dec   **Period Count: -**

	Pre-Board 1		

Note:

WEEK 32: 06 Dec to 11 Dec
Period Count: 04

PD1	Paper Discussion		
PD2	Paper Discussion		
PD3	Revision Work		
PD4	Revision Work		

Note:

WEEK 33: 13 Dec to 18 Dec
Period Count: 05

PD1	Revision Work		
PD2	Revision Work		
PD3	Revision Work		
PD4	Revision Work		
PD5	Revision Work		

Note:

WEEK 34 : 20 Dec to 25 Dec
Period Count: - 04

PD1	Revision Work		
PD2	Revision work		
PD3	Revision Work		
PD4	Revision Work		

Note:

WEEK 35 : 27 Dec to 01 Jan   **Period Count: - 03**

PD1	Revision Work		
PD2	Revision Work		
PD3	Revision Work		

Note:

WEEK 36 : 03 Jan to 08 Jan
Period Count: -

	Winter Break		

Note:

WEEK 37 : 10 Jan to 15 Jan
Period Count: -

	Pre-Board 2		

Note:

WEEK 38 : 17 Jan to 22 Jan   **Period Count: -**

	Pre-Board 2		

Note:

WEEK 39 : 24 Jan to 29 Jan
Period Count: 04

PD1	Paper Discussion		
PD2	Paper Discussion		
PD3	Revision Work		
PD4	Revision Work		

Note:

WEEK 40 : 31 Jan to 05 Feb
Period Count :05

PD1	Revision Work		
PD2	Revision Work		
PD3	Revision Work		
PD4	Revision Work		
PD5	Revision Work		

Note:

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

Note:

Sir Padampat Singhania Education Centre

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