

ARMY PUBLIC SCHOOL NO-2 ROORKEE
SYLLABUS: PERIODIC TEST-III, 2021-22
CLASS: XII (SCIENCE)

Details of English Prescribed Books:-

1. Flamingo : (Book No.1)

2. Vistas : (Book No.2)

S. No.	Name of Chapter / Topics (as per prescribed Book)	Book No.	Page		Weightage
			From	To	
1	The Rat Trap	1	32	45	2
2.	Indigo	1	46	56	2
3	Should Wizard Hit the Mommy	2	48	55	2
4	On the face of it	2	56	69	2
5	Evans tries an O-level	2	70	92	Option
6	A thing of beauty	1	98	99	4
7	Aunt Jenifer's Tiger	1	103	104	Option
	Total Marks. Literature				12

WRITING SECTION (For Language subjects)/ADDITIONAL TOPICS

S.No	Topic	Ref Area	Weightage
1	Reading Comprehension	Practice-papers, newspapers, magazines	20
2	Writing(Invitation/replies)	practice-papers	3
3.	Job Application/Report	Practice-papers	5
	Total Marks..(Reading+Writing)		12
	Grand Total		Reading+Writing +Literature=40

English Pattern / Format of Question Paper

S.N.	Type of Question	No of Question	Marks	Total
1	Unseen Passages (2)	20	1x20	20
2	Writing Skills	2	3x5	8
3	(Literature)Very Short Questions	4	1x4	4
	Short Questions	4	4x2	8
	TOTAL		40	40

Details of Maths Prescribed Books:-**1.NCERT MATHEMATICS TEXTBOOK 2nd BOOK**

S. No.	Name of Chapter / Topics (as per prescribed Book)	Book No.	Page		Weightage
			From	To	
1	CHAPTER 7 INTEGRALS	2	287	358	12
2	CHAPTER 8 APPLICATION OF INTEGRALS	2	359	378	8
3	CHAPTER 9 DIFFERENTIAL EQUATIONS	2	379	423	10
4	CHAPTER 13 PROBABILITY	2	531	587	10

Mathematics Pattern / Format of Question Paper

S.N.	Type of Question	No of Question	Marks	Total
1	Short Answer Type1 Questions	6	6x2=12	12
2	Short Answer Type2 Questions	4	4x3=12	12
3	Long Answer Type Questions	3	3x4=12	12
4	Case based/Data based	1	1x4=4	4
	TOTAL	14	40	40

Details of Physics Prescribed Books:-**1.NCERT Text Book(Book No.1)**

S. No.	Name of Chapter / Topics (as per prescribed Book)	Book No.	Page		Weightage
			From	To	
1	<u>Chapter 8</u> Electromagnetic Waves	1	269	288	07
2	<u>Chapter 9</u> <u>Ray Optics and Optical Instrument</u>	1	309	335	10
3	<u>Chapter 10</u> <u>Wave Optics</u>	1	351	376	12
4	<u>Chapter 11</u> <u>Dual Nature of Matter and Radiation</u>	1	386	403	11

Physics Pattern / Format of Question Paper

S.No	Type of Question	No of Question	Marks	Total
1	Short Question(Type I)	04	2X4 = 8	08
2	Short Question (Type II)	09	3X 9=27	27
3	Case – Study Based Question	01	1 X 5 = 5	05
	Total	14	40	40

Details of Chemistry Prescribed Books:-

1.NCERT.....(Book No.1)

S. No.	Name of Chapter / Topics (as per prescribed Book)	Book No.	Page		Weightage
			From	To	
1	Electrochemistry	01	65	94	10
2	Aldehydes, ketones and carboxylic acid	01	357	388	10
3	d-and f- Block Elements	01	215	243	10
4	Coordination chemistry	01	244	267	10

Chemistry Pattern / Format of Question Paper

S.N.	Type of Question	No of Question	Marks	Total
1	Very Short Answer Type Questions	04	02	08
3	Short Answer Type Questions	09	03	27
4	Long Answer Type Questions	01	05	05

BIOLOGY-TEXT BOOK FOR CLASS XII (NCERT) (Book No.1)

S. No.	Name of Chapter/ Topics (as per prescribed Book)	Book No.	Page		Weightage
			From	To	
1	Chapter 8: Human Health and Diseases	1	145	164	30
2	Chapter 10: Microbes In Human Welfare	1	179	190	
3	Chapter 13: Organisms and Populations	1	219	240	10

BiologyPattern / Format of Question Paper

S.No.	Type of Question	No of Question	Marks	Total
1	Short Question(Type I)	04	2X7 = 14	14
2	Short Question (Type II)	09	3X7=21	21
3	Case – Study Based Question	01	1X5 = 5	05
	Total	14	40	40

Details of Hindi Prescribed Books:-

- 1.आरोह (Book No.1)
 2.अभिव्यक्ति और माध्यम (Book No.2)
 3.वितान (Book No.3)

S. No.	Name of Chapter / Topics (as per prescribed Book)	Book No.	Page		Weightage
			From	To	
1	उषा	1	10	14	3
2	रुबाई, गजल	1	15	20	6
3	गजल	1	22	26	3
4	पहलवान	1	29	32	3
5	नमक	1	35	42	3
6	श्रम विभाजन	1	43	46	2

WRITING SECTION (For Language subjects)/ADDITIONAL TOPICS

S.No	Topic	Ref Area	Weightage
1	अतीत मे	3	3
2	ऐन फेर्क	3	2
3	लेखन	2	10
4	समाचार	2	5

Pattern / Format of Question Paper

S.N.	Type of Question	No of Question	Marks	Total
1	Very Short Question	-	-	-
2	Short Question	11	4 (2+2+2) 6 (3+3+3+3+3+3+3+3)	30
3	Long Question	2	(5+5)	40
	TOTAL		-	50

Details of Computer Science NEW(083) Prescribed Books:-

1. COMPUTER SCIENCE-SUMITA ARORA (Book No.1)
2. NCERT (Book No.2)

S. No.	Name of Chapter / Topics (as per prescribed Book)	Book No.	Page		Weightage
			From	To	
1	RELATIONAL DATABASE	01	501	520	05
2	SIMPLE QUERIES IN SQL	01	521	564	15
3	TABLE CREATION AND DATA MANIPULATION COMMANDS	01	565	592	15
4	GROUPING RECOR, JOIN IN SQL	01	593	620	05

Computer Science Pattern / Format of Question Paper

CHAPTERS	MCQ (1 Mark)	VERY SHORT QUESTIONS (1 Mark)	SHORT QUESTIONS (2 Mark)	LONG QUESTIOINS/CASE STUDIES (3 Marks)	WEIGHTAGE (40)
RELATIONAL DATABASES	2	1	1	-	05
SIMPLE QUERIES IN SQL	3	3	3	1	15
TABLE CREATION & DATA MANIPULATION COMMANDS	3	3	3	1	15
GROUPING RECORDS,JOIN IN SQL	2	1	1	-	05