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PARA-SCHOOLING PROGRAM DIVISION (PSPD)

Centre of Excellence for School/Board Examinations

COURSE PLANNER

Academic Session: 2019-20

CLASS-IX | BEGIN (BEI)

Target: 9th NCERT (CBSE)

(Medium: English)

Course Commencement: 10.04.2019 | Course Ends: 15.12.2019

COURSE CONCEPT

This course is designed for students who wish to excel at 9th School Exams. This Year-long Classroom Contact Program ensures conceptual understanding of the subject with sufficient emphasis on definitions, labelled diagrammatic presentations, writing skill and speed, detailed steps of answers etc. which play a key role in scoring marks at School Exams.

Exhaustive study material and well conceived Periodic Test simulated as per NCERT Pattern are there to enhance the confidence level and performance of candidates.

RESONANCE TEACHING METHODOLOGY

Preparation for 9th NCERT (CBSE)

Classroom Teaching

Study Material (Sheets/Modules)

PT - Periodic Test

TEACHING/ LEARNING TOOLS

◆ **Periodic Test (PT):**

Periodic Tests are conducted after every two weeks. Syllabus of Periodic Test is whatever is taught in last 15 days.

◆ **Study Material:**

Modules comprising of Topic wise key concepts, theoretical explanations, solved and unsolved exercises with Board exams question paper of last years are provided.

TOTAL ACADEMIC HOURS

◆ **Course Duration:** 9 Months

◆ **Total Number of Lectures:** 492

◆ **Duration of one lecture:** 55 minutes

◆ **Total Duration of Classroom Teaching:** 451 hrs

◆ **Total Duration of Doubt Clearance Class:** 56.5 hrs

◆ **Total Duration of Testing Hours:** 90 hrs

◆ **Total Classroom Hours in BEI Course:** 597.5 hrs

Disclaimer:

- ◆ The Institute reserves all the right to increase/decrease the number of lectures allotted to any topic and also make changes in the sequence to the topics of each subject depending upon the course requirements.
- ◆ The information given in the course planner is proposed for Academic Session 2019-20. The institute reserves the right to make changes in course planner in the interest of students.

SUBJECT WISE SYLLABUS PLAN

MATHEMATICS (M)		
S. No.	Topic Name/Sequence	Lecture No. (123)
1	NUMBER SYSTEM	L1-L7
2	POLYNOMIALS	L8-L15
3	LINEAR EQUATIONS IN TWO VARIABLES	L16-L19
4	COORDINATE GEOMETRY	L20-L23
5	INTRODUCTION TO EUCLID'S GEOMETRY	L24-L27
6	LINES AND ANGLES	L28-L35
7	TRIANGLES	L36-L46
8	QUADRILATERALS	L47-L55
9	AREA OF PARALLELOGRAMS AND TRIANGLES	L56-L65
10	CIRCLE	L66-L80
11	CONSTRUCTIONS	L81-L86
12	HERON'S FORMULA	L87-L94
13	SURFACE AREAS AND VOLUMES	L95-L110
14	STATISTICS	L111-L118
15	PROBABILITY	L119-L123

123 lect × 55 Min. = 113 hr

BIOLOGY (B)		
S. No.	Topic Name/Sequence	Lecture No. (63)
1	THE FUNDAMENTAL UNIT OF LIFE	L1-L8
2	TISSUE	L9-L17
3	DIVERSITY IN LIVING ORGANISM	L18-L31
4	WHY DO WE FALL ILL ?	L32-L42
5	NATURAL RESOURCES	L43-L52
6	IMPROVEMENT IN FOOD RESOURCES	L53-L63
CHEMISTRY (C)		
S. No.	Topic Name/Sequence	Lecture No. (63)
1	MATTER IN OUR SURROUNDINGS	L1-L12
2	IS MATTER AROUND US PURE	L13-L32
3	ATOMS AND MOLECULES	L33-L47
4	STRUCTURE OF ATOM	L48-L63
PHYSICS (P)		
S. No.	Topic Name/Sequence	Lecture No. (63)
1	MOTION	L1-L12
2	FORCE AND LAWS OF MOTION	L13-L24
3	GRAVITATION	L25-L36
4	WORK, ENERGY AND POWER	L37-L48
5	SOUND	L49-L63

189 lect × 55 Min. = 173 hr

SOCIAL SCIENCE (SS)		
S. No.	Topic Name/Sequence	Lecture No. (123)
1	THE FRENCH REVOLUTION	L1-L5
2	INDIA- SIZE AND LOCATION	L6-L9
3	PHYSICAL FEATURES OF INDIA	L10-L15
4	THE STORY OF VILLAGE PALAMPUR	L16-L21
5	SOCIALISM IN EUROPE AND THE RUSSIAN REVOLUTION	L22-L27
6	DEMOCRACY IN THE CONTEMPORARY WORLD	L28-L32
7	WHAT IS DEMOCRACY ? WHY DEMOCRACY ?	L33-L37
8	PEOPLE AS RESOURCE	L38-L42
9	NAZISM AND RISE OF HITLER	L43-L47
10	CONSTITUTIONAL DESIGN	L48-L52
11	DRAINAGE	L53-L57
12	ELECTORAL POLITICS	L58-L62
13	FOREST SOCIETY AND COLONIALISM	L63-L67
14	POVERTY AS A CHALLENGE	L68-L72
15	CLIMATE	L73-L77
16	PASTORALISTS IN THE MODERN WORLD	L78-L82
17	NATURAL VEGETATION AND WILDLIFE	L83-L87
18	POPULATION	L88-L92
19	WORKING OF INSTITUTIONS	L93-L97
20	DEMOCRATIC RIGHTS	L98-L102
21	PEASANTS AND THE FARMER	L103-L107
22	FOOD SECURITY IN INDIA	L108-L112
23	REVISION	L113-L123

123 lect × 55 Min. = 113 hr

ENGLISH (E)		
S. No.	Topic Name/Sequence	Lecture No. (57)
1	LITERARY TERMS	L1-L3
2	THE FUN THEY HAD	L4
3	THE SOUND OF MUSIC	L5
4	THE ROAD NOT TAKEN	L6
5	THE LITTLE GIRL	L7
6	LETTER WRITING	L8-9
7	REPORT WRITING	L10
8	RAIN ON THE ROOF	L11
9	THE LOST CHILD	L12
10	THE ADVENTURES OF TOTO	L13
11	ISWARAN THE STORYTELLER	L14
12	IN THE KINGDOM OF FOOLS	L15
13	A TRULY BEAUTIFUL MIND	L16
14	THE LAKE ISLE OF INNISFREE	L17
15	STORY, ARTICLE WRITING	L18
16	THE HAPPY PRINCE	L19
17	WEATHERING THE STORM IN ERSAMA	L20
18	THE LAST LEAF	L21
19	TENSE	L22-L23
20	CONDITIONALS, CONNECTORS	L24-L25
21	SUBJECT-VERB CONCORD	L26-L27
22	REPORTED SPEECH	L28-L29
23	THE SNAKE AND THE MIRROR	L30
24	A LEGEND OF THE NORTHLAND	L31
25	MY CHILDHOOD	L32
26	NO MEN ARE FOREIGN	L33
27	PACKING	L34
28	THE DUCK AND THE KANGAROO	L35
29	EDITING, DIALOGUE COMPLETION	L36-L37
30	OMISSION	L38
31	REACH ON THE TOP	L39
32	ON KILLING A TREE	L40
33	A HOUSE IS NOT A HOME	L41
34	MODALS	L42-L43
35	ACTIVE AND PASSIVE VOICE	L44-L45
36	DETERMINERS, NEWSPAPER HEADLINES	L46-L47
37	PREPOSITION	L48-L49
38	THE BOND OF LOVE	L50
39	THE SNAKE TRYING	L51
40	KATHMANDU	L52
41	A SLUMBER DID MY SPIRIT SEAL	L53
42	THE ACCIDENTAL TOURIST	L54
43	IF I WERE YOU	L55
44	THE BEGGAR	L56-L57

57 lect × 55 Min. = 52 hr

WEEKLY LECTURE PLANNER (Per Subject)

Week No.	Week Duration		No. of Lecture						Total No. of Lectures
	From	To	P	C	B	M	E	SS	
W-1	10-APR	14-APR	2	2	2	3	0	3	12
W-2	15-APR	21-APR	2	2	2	4	2	4	16
W-3	22-APR	28-APR	2	2	2	4	2	4	16
W-4	29-APR	5-MAY	2	2	2	4	2	4	16
W-5	6-MAY	12-MAY	2	2	2	4	2	4	16
W-6	13-MAY	19-MAY	2	2	2	4	2	4	16
W-7	20-MAY	26-MAY	2	2	2	4	2	4	16
W-8	27-MAY	2-JUN	2	2	2	4	2	4	16
W-9	03-JUN	9-JUN	2	2	2	4	2	4	16
W-10	10-JUN	16-JUN	2	2	2	4	2	4	16
W-11	17-JUN	23-JUN	2	2	2	4	2	4	16
W-12	24-JUN	30-JUN	0	0	0	0	0	0	0
W-13	01-JUL	7-JUL	0	0	0	0	0	0	0
W-14	08-JUL	14-JUL	2	2	2	4	2	4	16
W-15	15-JUL	21-JUL	2	2	2	4	2	4	16
W-16	22-JUL	28-JUL	2	2	2	4	2	4	16
W-17	29-JUL	4-AUG	2	2	2	4	2	4	16
W-18	05-AUG	11-AUG	2	2	2	4	2	4	16

Week No.	Week Duration		No. of Lecture						Total No. of Lectures
	From	To	P	C	B	M	E	SS	
W-19	12-AUG	18-AUG	2	2	2	3	0	3	12
W-20	19-AUG	25-AUG	2	2	2	4	2	4	16
W-21	26-AUG	01-SEP	2	2	2	4	2	4	16
W-22	02-SEP	8-SEP	2	2	2	4	2	4	16
W-23	09-SEP	15-SEP	2	2	2	3	0	3	12
W-24	16-SEP	22-SEP	2	2	2	4	2	4	16
W-25	23-SEP	29-SEP	2	2	2	4	2	4	16
W-26	30-SEP	6-OCT	2	2	2	4	2	4	16
W-27	7-OCT	13-OCT	1	1	1	2	1	2	8
W-28	14-OCT	20-OCT	2	2	2	4	2	4	16
W-29	21-OCT	27-OCT	0	0	0	0	0	0	0
W-30	28-OCT	3-NOV	0	0	0	0	0	0	0
W-31	04-NOV	10-NOV	2	2	2	4	2	4	16
W-32	11-NOV	17-NOV	2	2	2	4	2	4	16
W-33	18-NOV	24-NOV	2	2	2	4	2	4	16
W-34	25-NOV	01-DEC	2	2	2	4	2	4	16
W-35	02-DEC	8-DEC	2	2	2	4	2	4	16
W-36	09-DEC	15-DEC	2	2	2	4	2	4	16

PERIODIC TEST SCHEDULE & SYLLABUS

PERIODIC TEST SYLLABUS								
S. No.	Periodic Test No.	Periodic Test Date	MATHEMATICS [M]	PHYSICS [P]	CHEMISTRY [C]	BIOLOGY [B]	ENGLISH [E]	SOCIAL STUDY [SST]
1	PT-01	04-05-2019 & 05-05-2019 SATURDAY & SUNDAY	NUMBER SYSTEM, POLYNOMIALS	MOTION UNIFORM & NON-UNIFORM MOTION, ACCELERATION	PHYSICAL NATURE OF MATTER CLASSIFICATION OF MATTER, INTERCONVERSION OF STATES OF MATTER	THE FUNDAMENTAL UNIT OF LIFE (CELL, PLASMA MEMBRANE, TYPES OF ORGANISM, TYPES OF CELL, CELL WALL, NUCLEUS, CYTOPLASM, CELL ORGANELLES)	LITERARY TERMS, THE FUN THEY HAD, THE SOUND OF MUSIC, THE ROAD NOT TAKEN, THE LITTLE GIRL	THE FRENCH REVOLUTION, INDIA-SIZE AND LOCATION, PHYSICAL FEATURES OF INDIA,
2	PT-02	18-05-2019 & 19-05-2019 SATURDAY & SUNDAY	LINEAR EQUATIONS IN TWO VARIABLES, COORDINATE GEOMETRY	CIRCULAR MOTION	EVAPORATION	THE FUNDAMENTAL UNIT OF LIFE (CELL ORGANELLES, TISSUE)	LETTER WRITING, REPORT WRITING, RAIN ON THE ROOF, THE LOST CHILD	THE STORY OF VILLAGE PALAMIPUR
3	PT-03	01-06-2019 & 02-06-2019 SATURDAY & SUNDAY	INTRODUCTION TO EUCLID'S GEOMETRY, LINES AND ANGLES(TILL ANGLES)	FORCE, LAWS OF MOTION	PURE SUBSTANCE AND MIXTURE	TISSUES (PLANT TISSUES)	THE ADVENTURES OF TOTO, ISWARAM-THE STORY TELLER, IN THE KINGDOM OF FOOLS, A TRULY BEAUTIFUL MIND	SOCIALISM IN EUROPE AND THE RUSSIAN REVOLUTION
4	PT-04	15-06-2019 & 16-07-2019 SATURDAY & SUNDAY	LINES AND ANGLES, TRIANGLES (TILL CONGRUENCE OF TRIANGLES)	1st & 2nd LAW OF MOTION	TRUE SOLUTION & CALCULATION OF CONCENTRATION OF SOLUTION	TISSUES (ANIMAL TISSUES)	STORY, ARTICLE, THE LAKE ISLE OF INNISHREE, THE HAPPY PRINCE, WEATHERING THE STORM IN ERSAMA	DEMOCRACY IN THE CONTEMPORARY WORLD, WHAT IS DEMOCRACY ? WHY DEMOCRACY ?
5	PT-05	13-07-2019 & 14-07-2019 SATURDAY & SUNDAY	TRIANGLES	3-rd LAW OF MOTION	SUSPENSION AND COLLOID SOLUTION	DIVERSITY IN LIVING ORGANISM (CLASSIFICATION, HIERARCHY OF CLASSIFICATION)	THE LAST LEAF, TENSE, CONDITIONALS	PEOPLE AS RESOURCE, NAZISM AND RISE OF HITLER
6	PT-06	27-07-2018 & 28-07-2019 SATURDAY & SUNDAY	QUADRILATERALS	FORCE AND LAWS OF MOTION COMPLETE	SEPARATION OF HETEROGENEOUS MIXTURE	DIVERSITY IN LIVING ORGANISM (FIVE KINGDOMS)	CONNECTORS, SUBJECT-VERB CONCORD	CONSTITUTIONAL DESIGN
7	PT-07	10-08-2019 & 11-08-2019 SATURDAY & WEDNESDAY	AREA OF PARALLELOGRAMS AND TRIANGLES	NEWTONS LAW OF GRAVITATION	SEPARATION OF HOMOGENEOUS MIXTURE & PHYSICAL AND CHEMICAL CHANGE	DIVERSITY IN LIVING ORGANISM (PLANT KINGDOM)	REPORTED SPEECH, THE SNAKE AND THE MIRROR, A LEGEND OF THE NORTHLAND, MY CHILDHOOD	DRAINAGE
8	PT-08	24-08-2019 & 25-08-2019 SATURDAY & SUNDAY	CIRCLE(TILL EQUAL CHORD)	FREE FALL, MASS & WEIGHT	LAWS OF CHEMICAL COMBINATION DALTONS ATOMIC THEORY	DIVERSITY IN LIVING ORGANISM (ANIMAL KINGDOM)	NO MEN ARE FOREIGN, PACKING, THE DUCK AND THE KANGAROO	ELECTORAL POLITICS, FOREST SOCIETY AND COLONIALISM
9	PT-09	07-09-2019 & 08-09-2019 SATURDAY & SUNDAY	CIRCLES	FLUID	SYMBOLS AND ATOMIC MASSES OF ELEMENTS, MOLECULES AND MOLECULAR MASS	WHY DO WE FALL ILL? (HEALTH, DISEASE & ITS CAUSES, TYPES OF DISEASES)	EDITING, DIALOGUE COMPLETION, OMISSION	POVERTY AS ACHALLENGE
10	PT-10	21-09-2019 & 22-09-2019 SATURDAY & SUNDAY	CONSTRUCTIONS	WORK	IONIC BOND AND CHEMICAL BOND	WHY DO WE FALL ILL? (PRINCIPAL OF TREATMENT, IMMUNIZATION, VACCINATION)	REACH ON THE TOP, ON KILLING A TREE, A HOUSE IS NOT A HOME, MODALS	CLIMATE
11	PT-11	05-10-2019 & 06-10-2019 SATURDAY & SUNDAY	HERON'S FORMULA	ENERGY	FORMULA WRITTING AND MOLE CONCEPT	NATURAL RESOURCES (AIR, WATER, SOIL)	ACTIVE & PASSIVE VOICE, DETERMINERS, NEWSPAPER HEADLINE	PASTORALISTS IN THE MODERN WORLD
12	PT-12	19-10-2019 & 20-10-2019 SATURDAY & SUNDAY	SURFACE AREA AND VOLUMES (TILL VOLUME OF CUBOID)	POWER	FUNDAMENTAL PARTICLES OF AN ATOM THOMSON AND RUTHERFORD'S MODELS OF ATOM	NATURAL RESOURCES (BIOGEOCHEMICAL CYCLE, OZONE)	PREPOSITIONS, THE BOND OF LOVE	NATURAL VEGETATION AND WILDLIFE, POPULATION
13	PT-13	09-11-2019 & 10-11-2019 SATURDAY & SUNDAY	SURFACE AREAS AND VOLUMES	SOUND WAVE (PART 1)	BOHR'S MODEL AND ATOMIC STRUCTURE & ELECTRONIC CONFIGURATION	IMPROVEMENT IN FOOD RESOURCES (CROP VARIETY IMPROVEMENT)	THE SNAKE TRYING, KATHMANDU	WORKING OF INSTITUTIONS, DEMOCRATIC RIGHTS
14	PT-14	23-11-2019 & 24-11-2019 SATURDAY & SUNDAY	STATISTICS	SOUND WAVE (PART 2 & PART 3)	ISOTOPES, ISOBARS, ISOTONES	IMPROVEMENT IN FOOD RESOURCES (CROP PROTECTION MANAGEMENT)	A SLUMBER DID MY SPIRIT SEAL THE ACCIDENTAL TOURIST	PEASANTS AND THE FARMER
15	PT-15	07-12-2019 & 08-12-2019 SATURDAY & SUNDAY	PROBABILITY	SOUND	ATOMIC STRUCTURE	IMPROVEMENT IN FOOD RESOURCES (ANIMAL HUSBANDRY)	IF I WERE YOU, THE BEGGAR	FOOD SECURITY IN INDIA

ACTIVITIES @ PSPD

Session - 2018-19

Bindas Bol



ResoTIPS



Guru Purnima



Picnic



World Environment Day



ResoSHARP



ResoQUEST
Season-2



PERFUME
Edition-2



UNIQUE FEATURES:

- All Subjects Taught.
- Support for Practical.
- Zero DPP (Revision of Previous Class)
- Daily Care Classes (Doubt Clearance Session).
- Special Focus on Subjective Approach of Answer and Writing Skills.
- Regular Assignments through School Examination Preparatory (SEP) Sheets
- Specially Designed Board Practice Test Papers.
- Periodic Test after every 15 days.
- ResoSHARP (Resonance Student Hard Work Appreciation & Reward Program)
- ResoGHAR (Resonance Grievance Handling and Redressal)
- SAPER (Student Academic Performance and Evaluation Report).
- Motivational Session & Workshops.
- Student Feedback Mechanism.
- PTSM (Parent Teacher & Student Meeting).
- ResoTIPS (Resonance Toppers Interaction with Present Students)
- Co-Curricular Activities like Picnic, Festival Celebration, Annual Function etc.

Holidays/ Vacations: 1. **Eid-UI-Fitr** 5th June 2019 2. **Summer Break** 22nd June 2019 to 7th July 2019 3. **Eid-UI-Zuha (Bakr-Id)** 12nd August 2019
4. **Independence day** 15th August 2019 5. **Raksha Bandhan** 15th August 2019 6. **Muharram** 10th September 2019 7. **Navmi** 7th October 2019
8. **Dusshera** 08th October 2019

RESONANCE EDUVENTURES LTD.

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