



Pt. Deen Dayal Upadhyaya Sanatan Dharma Vidyalaya
Azad Nagar, Kanpur
Entrance Examination 2026-2027
Syllabus Class XI [PCM/PCB]

Subject: English

S.No.	Topics	S.No.	Topics
1	Reading Comprehension	6	Prepositions
2	Subject-Verb Agreement	7	Narration
3	Conjunctions	8	Transformation of Sentences
4	Active and Passive Voice	9	Vocabulary : (a) One Word Substitution (b) Antonyms (c) Synonyms (d) Homophones
5	Tenses		

Subject: Mathematics

S.No.	Topics	S.No.	Topics
1	Number System	6	Polynomials
2	Pair of Linear Equations in Two Variables	7	Quadratic Equations
3	Circles	8	Statistics
4	Arithmetic Progression	9	Probability
5	Co-ordinate Geometry	10	Introduction to Trigonometry and Applications of Trigonometry

Subject: Science

PHYSICS

S.No.	Topics	S.No.	Topics
1	Motion , Force and Laws of Motion	6	Gravitation
2	Work	7	Energy
3	Sound	8	Electricity
4	Light-Reflection and Refraction	9	Human Eye and Colourful World
5	Magnetic Effect of Electric Current		

CHEMISTRY

S.No.	Topics	S.No.	Topics
1	Atoms & Molecules	4	Atomic Structure
2	Chemical Reactions and Equations	5	Acids, Bases and Salts
3	Metals and Non-Metals	6	Carbon and its Compounds

BIOLOGY

S.No.	Topics	S.No.	Topics
1	Life Process	4	Control and Coordination
2	How Do Organism Reproduce	5	Heredity and Variations
3	Our Environment	6	The Fundamental Unit of Life