

Aditya Birla Vani Bharati
WRITTEN TEST FOR PROVISIONAL
ADMISSION TO CLASS - XI (2022-2023)
FOR SCIENCE / COMMERCE / HUMANITIES

Subjects and distribution of marks (given against them) for the Written Admission Test:

SCIENCE (PCM)	SCIENCE (PCB)	COMMERCE WITH MATHS	COMMERCE WITHOUT MATHS	HUMANITIES
Phy(25), Chem(25), Maths(50)	Phy(25), Chem(25), Bio(50)	Maths(50), Current Affairs(50)	Current Affairs (100)	Eng(50), Current Affairs (50)

Schedule for Written Admission Test:

Examination Centre : ADITYA BIRLA VANI BHARATI SCHOOL

Date: 30th June, 2022 (THURSDAY)

Duration: 2 Hrs.

Time: 11 a.m. to 1 p.m.

The reporting time will be half an hour before the commencement of the Examination. i.e. 10:30 a.m.

Syllabus for the Written Admission Test 2022-2023

Subject – Physics

Chapter: Effects of Current

Potential difference and electric current. Ohm's law, Resistance, Resistivity, Factors on which the resistance of a conductor depends. Series combination of resistors, parallel combination of resistors and its applications in daily life. Heating effect of electric current and its applications in daily life. Electric power, Interrelation between P, V, I and R.

Chapter : Magnetic effects of current

Magnetic field, field lines, field due to a current-carrying conductor, field due to current carrying coil or solenoid, Force on a current-carrying conductor, Fleming's Left-Hand Rule, Electric Motor, Electromagnetic induction. The induced potential difference, Induced current. Fleming's Right Hand Rule.

Subject– Chemistry

1. Carbon and its Compounds
2. Periodic Classification of Elements

Subject- Biology

1. How do organisms reproduce?
2. Heredity and Evolution
3. Our Environment

Subject-Mathematics

1. Quadratic Equations
2. Arithmetic Progressions
3. Circles
4. Constructions
5. Some Applications of Trigonometry
6. Surface Areas and Volumes
7. Statistics

Subject-English

Figures of speech, phrases, idioms, correction of errors, synonyms and antonyms, verbs, tense, determiners, voice, narration, Adverbs, phrasal verbs, preposition, Transformation of sentences, unseen passage and writing skills.

The parents may contact the helpline numbers (8910471893, 9830678039 and 7003176865) for any Written Admission Test related queries between 9a.m. to 4p.m. on all working days.