



Scholarship Exam Syllabus - 2021

Class XI (PCM)

The student applying for PCM will have to sit a 2-hour scholarship examination.

- 1-hour MCQ consisting of abstract reasoning, numerical reasoning and verbal reasoning.
 - o Abstract Reasoning: Matrix based questions involving shapes, symbols, numbers
 - o Numeric Reasoning: Tables, Graphs, Percentage, Averages, Ratios
 - o Verbal Reasoning: Para Jumbles, Reading Comprehension
- 1-hour combined Mathematics and Science MCQ. This will be a Google form. Kindly refer to the following topics for your preparation:

Mathematics	Real Numbers (ICSE- Concept of LCM and HCF, Prime factorization)
	 Pair of Linear Equations in Two Variables (ICSE- Based on previous year)
	Quadratic Equations
	Arithmetic Progression
	Coordinate Geometry
	 Introduction to Trigonometry and application of Trigonometry
	 Circles Areas related to circles Surface Areas and Volumes Statistics Probability Triangles
	- mangles
Science	Chemical Reactions and Equations (ICSE- Study of Compounds)
	 Metals and Non-Metals (ICSE- Metallurgy)
	 Carbon and its compounds (ICSE- Organic Chemistry)
	Periodic Classification of Elements (ICSE- Periodic Properties)
	 Life Processes (ICSE – Human Anatomy and Physiology)
	Light Reflection and Refraction (ICSE- Light)
	Human Eye and Colourful World
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	Electricity (ICSE- Electricity and Magnetism)
	 Magnetic Effects of Electric Current (ICSE- Electricity and Magnetism)





Scholarship Exam Syllabus - 2021

Class XI (PCB)

The student applying for PCB will have to sit a 2-hour scholarship examination.

- 1-hour MCQ consisting of abstract reasoning, numerical reasoning and verbal reasoning.
 - o Abstract Reasoning: Matrix based questions involving shapes, symbols, numbers
 - o Numeric Reasoning: Tables, Graphs, Percentage, Averages, Ratios
 - o Verbal Reasoning: Para Jumbles, Reading Comprehension
- 1-hour combined English and Science MCQ Test conducted on a Google form. Kindly refer to the following topics for your preparation:

English	<u>Grammar</u>		
	Integrated Grammar Exercises		
	Reading section		
	Unseen Passage/Poem		
Science	Chemical Reactions and Equations (ICSE- Study of Compounds)		
	 Metals and Non-Metals (ICSE- Metallurgy) 		
	 Carbon and its compounds (ICSE- Organic Chemistry) 		
	 Periodic Classification of Elements (ICSE- Periodic Properties) 		
	 Life Processes (ICSE – Human Anatomy and Physiology) 		
	Light Reflection and Refraction (ICSE- Light)		
	Human Eye and Colourful World		
	Electricity (ICSE- Electricity and Magnetism)		
	Magnetic Effects of Electric Current (ICSE- Electricity and Magnetism)		





Scholarship Exam Syllabus - 2021

Class XI (Commerce)

The student applying for Commerce with Mathematics will have to sit a 2-hour scholarship examination.

- 1-hour MCQ consisting of abstract reasoning, numerical reasoning and verbal reasoning.
 - o Abstract Reasoning: Matrix based questions involving shapes, symbols, numbers
 - o Numeric Reasoning: Tables, Graphs, Percentage, Averages, Ratios
 - o Verbal Reasoning: Para Jumbles, Reading Comprehension
- 1-hour combined English, Mathematics and Economics MCQ Test conducted on a Google form. Kindly refer to the following topics for your preparation:

English	<u>Grammar</u>
	 Integrated Grammar Exercises <u>Reading section</u>
	Mathematics
 Pair of Linear Equations in Two Variables (ICSE- Based on previous year) 	
Quadratic Equations	
Arithmetic Progression	
Coordinate Geometry	
 Introduction to Trigonometry and application of Trigonometry 	
• Circles	
Areas related to circles	
Surface Areas and Volumes	
	• Statistics
	Probability
	Triangles
Economics	Money & Credit (ICSE- Banking in India)





Scholarship Exam Syllabus - 2021

Class XI (Humanities with Mathematics)

The student applying for Humanities with Mathematics will have to sit a 2-hour scholarship examination.

- 1-hour MCQ consisting of abstract reasoning, numerical reasoning and verbal reasoning.
 - o Abstract Reasoning: Matrix based questions involving shapes, symbols, numbers
 - o Numeric Reasoning: Tables, Graphs, Percentage, Averages, Ratios
 - o Verbal Reasoning: Para Jumbles, Reading Comprehension
- 1-hour combined Social Science and Mathematics MCQ Test conducted on a Google form. Kindly refer to the following topics for your preparation:

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Mathematics	Real Numbers (ICSE- Concept of LCM and HCF, Prime factorization)	
	 Pair of Linear Equations in Two Variables (ICSE- Based on previous year) 	
	Quadratic Equations	
	Arithmetic Progression	
	 Coordinate Geometry Introduction to Trigonometry and application of Trigonometry Circles Areas related to circles Surface Areas and Volumes Statistics Probability 	
		Triangles
Economics		Money & Credit (ICSE- Banking in India)
History		The Rise of Nationalism in Europe (ICSE- First World War)
·	Nationalism in India (ICSE- Mass Phase of the National Movement)	
Political Science	Power Sharing (ICSE- Union Legislature)	
	Outcomes of Democracy (ICSE- Lok Sabha, Rajya Sabha and Judiciary)	
Geography	Resources and Development (ICSE- Soil Resources)	
	Water Resources	
	Agriculture	
	Manufacturing Industries	
	Lifelines of National Economy (ICSE-Transport)	





Scholarship Exam Syllabus - 2021

Class XI (Humanities without Mathematics)

The student applying for Humanities with Mathematics will have to sit a 2-hours scholarship examination.

- 1-hour MCQ consisting of abstract reasoning, numerical reasoning and verbal reasoning.
 - o Abstract Reasoning: Matrix based questions involving shapes, symbols, numbers
 - o Numeric Reasoning: Tables, Graphs, Percentage, Averages, Ratios
 - o Verbal Reasoning: Para Jumbles, Reading Comprehension
- 1-hour combined Social Science and English MCQ Test conducted on a Google form. Kindly refer to the following topics for your preparation:

English	Grammar Integrated Grammar Exercises
	Reading section Unseen Passage/Poem
Economics	Money & Credit (ICSE- Banking in India)
History	 The Rise of Nationalism in Europe (ICSE- First World War) Nationalism in India (ICSE- Mass Phase of the National Movement)
Political Science	 Power Sharing (ICSE- Union Legislature) Outcomes of Democracy (ICSE- Lok Sabha, Rajya Sabha and Judiciary)
Geography	 Resources and Development (ICSE- Soil Resources) Water Resources Agriculture Manufacturing Industries Lifelines of National Economy (ICSE-Transport)