Delhi Model Virtual School

Online Aptitude Test Syllabus, Paper Scheme & Marking scheme : 2024 - 25
Class XI

General Details

➔ Duration of test will be of **3 hours for attempting the paper + 30 mins** for login, verification and submission of paper

XI PCM:

➔ Questions will be based on 10th grade(Class) syllabus
➔ The paper contains 60 Objective Type Questions divided into four sections: Section - I (Mental Aptitude), Section – II (Science), Section - III (Mathematics) and Section - IV (Numerical Value type questions)

Sr. No.	Sections	Total Questions Marking Scheme	
1	Section 1 (Mental Aptitude)	10 Multiple Choice Questions (1-10)	**Correct Answer : +4** **In-correct Answer: -1**
2	Section 2 (Science)	15 Multiple Choice Questions (11-25)	**Correct Answer : +5** **In-correct Answer: -1**
3	Section 3 (Mathematics)	25 Multiple Choice Questions (26-50)	
4	Section 4	10 **Numerical Value Type Questions** (51-60) *[No MCQ options will be provided for this section. The students will have to enter answer (numerical value)in text box]*	**Correct Answer : +6** **No Negative marks**

XI PCB:

➔ Questions will be based on 10th grade (Class) syllabus
➔ The paper contains 120 Objective Type Questions divided into four sections: Section - I (Physics), Section - II (Chemistry), Section - III (Biology) and Section - IV (Mental Ability).
➔ Each question has 4 choices (A), (B), (C) and (D), out of which ONLY ONE CHOICE is correct.

Sr. No.	Sections Total Questions	Marking Scheme
1	Section 1 (Physics) 35 Multiple Choice Questions (1-35)	**Correct Answer :**

2	Section 2 (Chemistry) 35 Multiple Choice Questions (36-70)	+4 In-correct Answer: -1
3	Section 3 (Biology) 35 Multiple Choice Questions (71-105)	
4	Section 4 (Mental Ability) 15 Multiple choice Questions (106-120)	

XI Humanities:

➔ The paper contains 75 Objective Type Questions divided into five sections as mentioned below

➔ Each question has 4 choices (A), (B), (C) and (D), out of which ONLY ONE CHOICE is correct.

S. No.	Sections	Syllabus (Grade 10 level) Number of questions		Marking Scheme

1	English Reading and Comprehension	● Read and comprehend different types of texts to:
		  o retrieve information
		  o interpret and infer information
		
		  o evaluate and reflect on texts
		● Basic language elements like grammar, punctuation, spelling, etc. in context
			25	**Correct Answer : +4**
				
				In-correct Answer: -1

2	Data Interpretation and Logical Reasoning	● Understand data and numbers to:
		  o Organize data as per requirement
		  o interpreting data to get to meaningful conclusions
		● Thinking logically through numbers, identify relation between numbers or number series by finding patterns that may be hidden
		
		● Understanding abstract concepts hidden in words, or generalize beyond vocabulary recognition
		● Reasoning with signs and shapes & graphical presentations
		● Identifying logical flow based on change in patterns
			10	

3	Career Orientation	● Demonstrate basic understanding of different careers in humanities field such as Journalism, Social work, Law, Research, etc.	15	

4	Critical Thinking	● Clearly and rationally understand the logical connection between ideas. To be tested on:
		  o Compare and contrast, pointing out the similarities and differences between two or more event/statement/people
		  o Fact vs opinion separate facts from subjective opinion
		
		  o Cause and effect between events
		
		*The critical thinking section will test the above-mentioned skills through theme specific to humanities subjects such as History, Political Science, Geography etc. from grade 10th social sciences curriculum.
			15	

5	Research Methods	● Understand different Research methods and tools:
		  o Data analysis
		  o Separation between primary and secondary research
		  o Qualitative vs quantitative data
		  o Different research tools such as survey, interviews
			10	