

**Syllabus for Science Stream**

	<b>Physics, Geology and Astronomy</b>	<b>Full Marks</b>
1	Force	<b>40</b>
2	Pressure	
3	Energy	
4	Heat	
5	Light	
6	Current Electricity and Magnetism	
7.	History of the Earth	
8.	Climate change and atmosphere	
9.	The Earth in the Universe	
	<b>Chemistry</b>	
1.	Classification of elements	
2.	Chemical reactions	
3.	Acid, base and salt	
4.	Some Gases	
5.	Metals	
6.	Hydrocarbon and its compounds	
	<b>Biology</b>	
1.	Invertebrates	
2.	Human nervous system and Glandular System	
3.	Blood Circulatory System in Human beings	
4.	Chromosomes and Sex Determination	
5.	Asexual and Sexual Reproduction	
6.	Artificial and Vegetative Propagation	
7.	Heredity	
	<b>Maths</b>	<b>30</b>
	Sets, relation and function, polynomials, sequence and series, matrices and determinant, trigonometry, coordinate geometry, vectors, statistics, geometry, probability, algebra, mensuration.	
	<b>English</b>	<b>15</b>
	Grammar (articles, transformation, tag question, subject-verb agreement, preposition, tense, causative verbs, connectives, voice, reported speech, etc.) Vocabulary, Comprehension	
	<b>Nepali</b>	<b>15</b>
	नेपाली १. शब्द भण्डार २. पदवर्ग ३. वर्ण विन्यास ४. शब्द निर्माण प्रक्रिया ५. क्रियाका भाव र अर्थ ६. व्याकरणिक कोटि ७. काल र पक्ष ८. कारक र विभक्ति ९. वाच्य १०. वाक्यका किसिम ११. पारिभाषिक शब्द	
	<b>TOTAL</b>	<b>100</b>