Entrance Examination-2083

Grade XI

Syllabus for Science Stream

SN	TITLE	FULL MARKS
	Physics, Geology and Astronomy	**40**
1	Force	
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	
	Chemistry	
1.	Classification of elements	
2.	Chemical reactions	
3.	Acid, base and salt	
4.	Some Gases	
5.	Metals	
6.	Hydrocarbon and its compounds	
	Biology	
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	
	Maths	
	Sets, relation and function, polynomials, sequence and series, matrices and determinant, trigonometry, coordinate geometry, vectors, statistics, geometry, probability, algebra, mensuration.	**30**
	English	**15**
	Grammar (articles, transformation, tag question, subject-verb agreement, preposition, tense, causative verbs, connectives, voice, reported speech, etc.) Vocabulary, Comprehension	
	नेपाली	**15**
	१.शब्द भण्डार , २. पदवर्ग, ३. वर्ण विन्यास, 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	
	TOTAL MARKS	**100**