

**INDIAN SCHOOL MUSCAT**  
**FINAL EXAMINATION (2020-21) CLASS 11(APPLIED MATHEMATICS)**

**Question paper format and unit wise marks weightage**

S.No.	UNIT	NAME OF THE TOPICS	TOTAL MARKS
I	NUMBERS, QUANTIFICATION & NUMERICAL APPLICATIONS	1) BINARY NUMBERS	9
		2) LOGARITHM AND ANTILOGARITHM	
		3) NUMERICAL PROBLEMS ON CALENDAR, AVERAGES ,ETC.	
II	ALGEBRA	4) SETS	9
		5) RELATIONS	
		6) SEQUENCES AND SERIES	
		7) PERMUTATIONS AND COMBINATIONS	
III	MATHEMATICAL REASONING	8) MATHEMATICALLY ACCEPTABLE STATEMENTS	6
		9) PROBLEMS ON LOGICAL REASONING	
IV	CALCULUS	10) FUNCTIONS	9
		11) LIMITS AND CONTINUITY	
		12) DIFFERENTIATION	
V	PROBABILITY	13) PROBABILITY 14) BAYE'S THEOREM	10
VI	DESCRIPTIVE STATISTICS	15) DATA ANALYSIS	10
		16) DATA INTERPRETATION	
		17) CORRELATION ANALYSIS	
VII	BASICS OF FINANCIAL MATHEMATICS	18)SIMPLE INTEREST AND COMPOUND INTEREST	17
		19)ANNUITY	
		20) INCOME TAX	
		21) GST	
Total marks			70

**Note: There will be 70 MCQs and maximum time allowed will be 2 hrs. For deleted topics refer the year plan.**

**GURPREET SINGH**  
**HOD MATHEMATICS (SENIOR WING)**