



INDIAN SCHOOL AL WADI AL KABIR

PO 513, PC 117, WADI KABIR, SULTANATE OF OMAN

QUESTIONS PAPER DESIGN 2017-18 CLASS-X

Mathematics (Code No. 041) Time : 3 hrs Marks: 80

S. No.	Typology of Questions	Very Short Answer (VSA) (1 Mark)	Short Answer -I (SA) (2 Marks)	Short Answer -II (SA) (3 Marks)	Long Answer (LA) (4 Marks)	Total Marks	% Weightage (approx.)
1	Remembering (Knowledge based- Simple recall questions, to know specific facts, terms, concepts, principles or theories; Identify, define, or recite, information)	2	2	2	2	20	25%
2	Understanding (Comprehension- to be familiar with meaning and to understand conceptually, interpret, compare, contrast, explain, paraphrase, or interpret information)	2	1	1	4	23	29%
3	Application (Use abstract information in concrete situation, to apply knowledge to new situation; Use given content to interpret a situation, provide an example, or solve a problem)	2	2	3	1	19	24%
4	Higher Order Thinking Skills (Analysis & Synthesis- Classify, compare, contrast, or differentiate between different pieces of information; Organize and /or integrate unique pieces of information from variety of sources)	-	1	4	-	14	17%
5	Evaluation (Judge, and/or justify the value or worth of a decision or outcome, or to predict outcomes based on values)	-	-	-	1	4	5%
	Total	6x1=6	6x2=12	10x3=30	8x4=32	80	100%

Note: One of the LA will be to assess the values inherent in the texts.

COURSE STRUCTURE CLASS -X

Units	Unit Name	Marks
I	NUMBER SYSTEMS	06
II	ALGEBRA	20
III	COORDINATE GEOMETRY	06
IV	GEOMETRY	15
V	TRIGONOMETRY	12
VI	MENSURATION	10
VII	STATISTICS & PROBABILITY	11
	Total	80

INTERNAL ASSESSMENT	20 Marks
• Periodical Test	10 Marks
• Note Book Submission	05 Marks
• Lab Practical (Lab activities to be done from the prescribed books)	05 Marks