



INDIAN SCHOOL AL WADI AL KABIR

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

MATHEMATICS (CODE - 041) QUESTION PAPER DESIGN CLASS - XII (2017-18)

Time 3 Hours

Max. Marks: 100

S. No.	Typology of Questions	Very Short Answer (1 marks)	Short Answer (2 marks)	Long Answer I (4 marks)	Long Answer II (6 marks)	Marks	% Weightage
1	Remembering- (Knowledge based Simple recall questions, to know specific facts, terms, concepts, principles, or theories, Identify, define, or recite, information)	2	2	2	1	20	20%
2	Understanding- (Comprehension -to be familiar with meaning and to understand conceptually, interpret, compare, contrast, explain, paraphrase information)	1	3	4	2	35	35%
3	Application- (Use abstract information in concrete situation, to apply knowledge to new situations, Use given content to interpret a situation, provide an example, or solve a problem)	1	-	3	2	25	25%
4	High Order Thinking Skills- (Analysis & Synthesis- Classify, compare, contrast, or differentiate between different pieces of information, Organize and/or integrate unique pieces of information from a variety of sources)	-	3	1	-	10	10%
5	Evaluation- (Appraise, judge, and/ or justify the value or worth of a decision or outcome, or to predict outcomes based on values)	-	-	1	1	10	10%
TOTAL		1x4=4	2x8=16	4x11=44	6x6=36	100	100%

VBQ: One of the LA-I type question should be to assess the values inherent in the texts.

CLASS-XII (2017-18)

One Paper

Time: 3 hrs.

Max Marks. 100

Units		Marks
I.	Relations and Functions	10
II.	Algebra	13
III.	Calculus	44
IV.	Vectors and Three - Dimensional Geometry	17
V.	Linear Programming	06
VI.	Probability	10
Total		100

QUESTION WISE BREAK UP

Type of Question	Mark per Question	Total No. of Questions	Total Marks
VSA	1	4	04
SA	2	8	16
LA-I	4	11	44
LA-II	6	6	36
Total		29	100

- No chapter wise weightage. Care to be taken to cover all the chapters.
- Suitable internal variations may be made for generating various templates keeping the overall weightage to different form of questions and typology of questions same.

Choice(s):

There will be no overall choice in the question paper.

However, 30% internal choices will be given in 4 marks and 6 marks questions.