

CREDENCE HIGH SCHOOL, DUBAI
GRADE 11 - SYLLABUS & ASSESSMENTS [2026-2027]

PERIODIC REVIEW 1
1st - 12th Jun 2026

HALF YEARLY EXAMINATION
1st - 16th Oct 2026

PERIODIC REVIEW 2
6th - 18th Jan 2027

ANNUAL EXAMINATION
25th Feb - 19th Mar 2027

PHYSICS

PR1 SYLLABUS				HYE SYLLABUS				PR2 SYLLABUS				AE SYLLABUS			
SI No.	Chapter No.	Chapter Name	Marks	SI No.	Chapter No.	Chapter Name	Marks	SI No.	Chapter No.	Chapter Name	Marks	SI No.	Chapter No.	Chapter Name	Marks
1	Chapter 1	UNITS AND DIMENSIONS	8	1	Chapter 1	UNITS AND DIMENSIONS	10	1	Chapter 7	GRAVITATION	8	1	Chapter 1	UNITS AND DIMENSIONS	3
2	Chapter 2	MOTION IN A SRAIGHT LINE	10	2	Chapter 2	MOTION IN A SRAIGHT LINE	10	2	Chapter 8	MECHANICAL PROPERTIES OF SOLIDS	7	2	Chapter 2	MOTION IN A SRAIGHT LINE	5
3	Chapter 3	MOTION IN A PLANE	7	3	Chapter 3	MOTION IN A PLANE	10	3	Chapter 9	MECHANICAL PROPERTIES OF FLUIDS	10	3	Chapter 3	MOTION IN A PLANE	5
				4	Chapter 4	LAWS OF MOTION	15					4	Chapter 4	LAWS OF MOTION	10
				5	Chapter 5	WORK,ENRGY AND POWER	15					5	Chapter 5	WORK,ENRGY AND POWER	6
				6	Chapter 6	SYSTEM OF PARTICLES AND ROTATIONAL MOTION	10					6	Chapter 6	SYSTEM OF PARTICLES AND ROTATIONAL MOTION	5
												7	Chapter 7	GRAVITATION	6
												8	Chapter 8	MECHANICAL PROPERTIES OF SOLIDS	3
												9	Chapter 9	MECHANICAL PROPERTIES OF FLUIDS	6
												10	Chapter 10	THERMAL PROPERTIES OF MATTER	4
												11	Chapter 11	THERMODYNAMICS	4
												12	Chapter 14	WAVES	5
												13	Chapter 12	KINETIC THEORY OF GASES	3
												14	Chapter 13	OSILLATIONS	5
TOTAL			25	TOTAL			70	TOTAL			25	TOTAL			70

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ARTIFICIAL INTELLIGENCE

PR1 SYLLABUS				HYE SYLLABUS				PR2 SYLLABUS				AE SYLLABUS			
SI No.	Chapter No.	Chapter Name	Marks	SI No.	Chapter No.	Chapter Name	Marks	SI No.	Chapter No.	Chapter Name	Marks	SI No.	Chapter No.	Chapter Name	Marks
1	Chapter 1A	Part A - Unit 1: Communication Skills – III	5	1	Chapter 1A	Part A - Unit 1: Communication Skills – III	5	1	Chapter 4A	Part A- Unit 4: Entrepreneurial Skills – III	5	1	Chapter 1A	Part A - Unit 1: Communication Skills – III	2
2	Chapter 1B	Part B - Unit 1: Introduction: Artificial Intelligence for Everyone	10	2	Chapter 2A	Part A - Unit 2: Self-Management Skills – III	5	2	Chapter 4B	Part B - Unit 4: Introduction to Capstone Project	6	2	Chapter 2A	Part A - Unit 2: Self-Management Skills – III	2
3	Chapter 3B	Part B - Unit 3: Python Programming	10	3	Chapter 3A	Part A - Unit 3: ICT Skills – III	5	3	Chapter 5B	Part B - Unit 5: Data Literacy – Data Collection to Data Analysis	7	3	Chapter 3A	Part A - Unit 3: ICT Skills – III	2
				4	Chapter 1B	Part B - Unit 1: Introduction: Artificial Intelligence for Everyone	8	4	Chapter 6B	Part B - Unit 6: Machine Learning Algorithms	7	4	Chapter 4A	Part A- Unit 4: Entrepreneurial Skills – III	2
				5	Chapter 2B	Part B - Unit 2: Unlocking your Future in AI	12					5	Chapter 5A	Part A - Unit 5: Green Skills – III	2
				6	Chapter 3B	Part B - Unit 3: Python Programming	15					6	Chapter 1B	Part B - Unit 1: Introduction: Artificial Intelligence for Everyone	4
												7	Chapter 2B	Part B - Unit 2: Unlocking your Future in AI	5
												8	Chapter 3B	Part B - Unit 3: Python Programming	5
												9	Chapter 4B	Part B - Unit 4: Introduction to Capstone Project	5
												10	Chapter 5B	Part B - Unit 5: Data Literacy – Data Collection to Data Analysis	6
												11	Chapter 6B	Part B - Unit 6: Machine Learning Algorithms	6
												12	Chapter 7B	Part B - Unit 7: Leveraging Linguistics and Computer Science	5
												13	Chapter 8B	Part B - Unit 8: AI Ethics and Values	4
TOTAL			25	TOTAL			50	TOTAL			25	TOTAL			50

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BIOLOGY

PR1 SYLLABUS				HYE SYLLABUS				PR2 SYLLABUS				AE SYLLABUS			
SI No.	Chapter No.	Chapter Name	Marks	SI No.	Chapter No.	Chapter Name	Marks	SI No.	Chapter No.	Chapter Name	Marks	SI No.	Chapter No.	Chapter Name	Marks
1	Chapter 8	Cell- The Unit of Life	5	1	Chapter 8	Cell- The Unit of Life	8	1	Chapter 14	Breathing and exchange of gases	5	1	Chapter 8	Cell- The Unit of Life	5
2	Chapter 9	Biomolecules	5	2	Chapter 9	Biomolecules	5	2	Chapter 15	Body fluids and circulation	5	2	Chapter 9	Biomolecules	5
3	Chapter 10	Cell Cycle and cell division	5	3	Chapter 10	Cell Cycle and cell division	10	3	Chapter 16	Excretory products and their elimination	5	3	Chapter 10	Cell Cycle and cell division	5
4	Chapter 5	Morphology of flowering plants	4	4	Chapter 5	Morphology of flowering plants	7	4	Chapter 17	Locomotion and movement	5	4	Chapter 5	Morphology of flowering plants	4
5	Chapter 6	Anatomy of flowering plants	4	5	Chapter 6	Anatomy of flowering plants	7	5	Chapter 18	Control and coordination	5	5	Chapter 6	Anatomy of flowering plants	4
6	Chapter 7	Structural organisation in animals	2	6	Chapter 7	Structural organisation in animals	5					6	Chapter 7	Structural organisation in animals	3
				7	Chapter 11	Photosynthesis in higher plants	10					7	Chapter 11	Photosynthesis in higher plants	4
				8	Chapter 12	Respiration in plants	10					8	Chapter 12	Respiration in plants	4
				9	Chapter 13	Plant Growth and development	8					9	Chapter 13	Plant Growth and development	4
												10	Chapter 14	Breathing and exchange of gases	3
												11	Chapter 15	Body fluids and circulation	3
												12	Chapter 16	Excretory products and their elimination	3
												13	Chapter 17	Locomotion and movement	3
												14	Chapter 18	Control and coordination	3

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MATHEMATICS

PR1 SYLLABUS				HYE SYLLABUS				PR2 SYLLABUS				AE SYLLABUS			
SI No.	Chapter No.	Chapter Name	Marks	SI No.	Chapter No.	Chapter Name	Marks	SI No.	Chapter No.	Chapter Name	Marks	SI No.	Chapter No.	Chapter Name	Marks
1	Chapter 1	SETS	10	1	Chapter 1	SETS	10	1	Chapter 7	BINOMIAL THEOREM	3	1	Chapter 1	SETS	8
2	Chapter 2	RELATIONS & FUNCTIONS	5	2	Chapter 2	RELATIONS & FUNCTIONS	8	2	Chapter 9	STRAIGHT LINES	10	2	Chapter 2	RELATIONS & FUNCTIONS	4
3	Chapter 3	TRIGONOMETRIC FUNCTIONS	10	3	Chapter 3	TRIGONOMETRIC FUNCTIONS	14	3	Chapter 10	CONIC SECTIONS	8	3	Chapter 3	TRIGONOMETRIC FUNCTIONS	10
				4	Chapter 4	COMPLEX NUMBERS & QUADRATIC EQUATIONS	8	4	Chapter 11	INTRODUCTION TO THREE DIMENSIONAL GEOMETRY	4	4	Chapter 4	COMPLEX NUMBERS & QUADRATIC EQUATIONS	5
				5	Chapter 5	LINEAR INEQUALITIES	8					5	Chapter 5	LINEAR INEQUALITIES	4
				6	Chapter 6	PERMUTATIONS AND COMBINATIONS	11					6	Chapter 6	PERMUTATIONS AND COMBINATIONS	8
				7	Chapter 8	SEQUENCE AND SERIES	8					7	Chapter 7	BINOMIAL THEOREM	2
				8	Chapter 12	LIMITS & DERIVATIVES	13					8	Chapter 8	SEQUENCE AND SERIES	3
												9	Chapter 15	MATRICES AND DETERMINANTS	5
												10	Chapter 9	STRAIGHT LINES	8
												11	Chapter 10	CONIC SECTIONS	6
												12	Chapter 11	INTRODUCTION TO THREE DIMENSIONAL GEOMETRY	3
												13	Chapter 12	LIMITS & DERIVATIVES	10
												14	Chapter 13	STATISTICS	2
												15	Chapter 14	PROBABILITY	2
TOTAL			25	TOTAL			80	TOTAL			25	TOTAL			80

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APPLIED MATH

PR1 SYLLABUS				HYE SYLLABUS				PR2 SYLLABUS				AE SYLLABUS			
SI No.	Chapter No.	Chapter Name	Marks	SI No.	Chapter No.	Chapter Name	Marks	SI No.	Chapter No.	Chapter Name	Marks	SI No.	Chapter No.	Chapter Name	Marks
1	Chapter 1	Numerals and Quantification and Laws and Indices	7	1	Chapter 1	Numerals and Quantification and Laws and Indices	10	1	Chapter 10	Differentiation	8	1	Chapter 1	Numerals and Quantification and Laws and Indices	3
2	Chapter 3	Numerical Application	10	2	Chapter 3	Numerical Application	15	2	Chapter 11	Probability	8	2	Chapter 3	Numerical Application	7
3	Chapter 4	Sets and Relation	8	3	Chapter 4	Sets and Relation	10	3	Chapter 13	Financial Mathematics	9	3	Chapter 4	Sets and Relation	8
				4	Chapter 5	Sequence and Series	10					4	Chapter 5	Sequence and Series	7
				5	Chapter 6	Permutation and Combination	12					5	Chapter 6	Permutation and Combination	4
				6	Chapter 8	Function	11					6	Chapter 7	Mathematical Reasoning	3
				7	Chapter 9	Limits	12					7	Chapter 8	Function	3
												8	Chapter 9	Limits	4
												9	Chapter 10	Differentiation	5
												10	Chapter 11	Probability	6
												11	Chapter 12	Descriptive Statistics	10
												12	Chapter 13	Financial Mathematics	15
												13	Chapter 14	Co-ordinate Geometry	5
TOTAL			25	TOTAL			80	TOTAL			25	TOTAL			80

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PHYSICAL EDUCATION

AE	SYLLABUS		
SI No.	Chapter No.	Chapter Name	Marks
1	Chapter 1	Changing Trends & Career in Physical Education	12
2	Chapter 2	Olympic Value Education	12
3	Chapter 3	Yoga	15
4	Chapter 4	Physical Education & Sports for CWSN	12
5	Chapter 5	Physical Fitness, Wellness	9
6	Chapter 6	Test, Measurement & Evaluation	5
7	Chapter 7	Psychology and Sports	5
TOTAL		70	

ISLAMIC EDUCATION

HYE	SYLLABUS			AE	SYLLABUS		
SI No.	Chapter No.	Chapter Name	Marks	SI No.	Chapter No.	Chapter Name	Marks
1	Chapter 1	Steadfastness upon Truth – Surah Ahzab (1-8)	10	1	Chapter 8	The Etiquettes of dialogue	5
2	Chapter 2	Sources of Islamic Shariah	10	2	Chapter 9	Financial Contracts	10
3	Chapter 4	The Mutawātir (Mass Transmitted) and the Aḥād (Isolated)	10	3	Chapter 12	Emulating Allah's messenger	10
4	Chapter 6	Istifaf (Abstinence)	10	4	Chapter 16	The Prohibited degrees of female relations(al-Muharramat)	10
				5	Chapter 17	The Quran and scientific miracles	5
TOTAL			40	TOTAL			40