

LAPT

LONDON ACADEMY OF PROFESSIONAL TRAINING

CERTIFICATE

Cambridge Year 12 (AS & A Level)

C

LAPT — London Academy of Professional Training

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49

SUBJECTS

68

CHAPTERS

0

CLASSES

60%

PASS MARK

Lifetime

VALIDITY

AT A GLANCE

AWARD	Certificate
PREREQUISITES	None
VALIDITY	Lifetime
AWARDING BODY	LAPT — London Academy of Professional Training

CURRICULUM

1	Accounting	0 chapters
2	Arabic	0 chapters
3	Arabic	0 chapters
4	Arabic - Language (AS Level only)	0 chapters
5	Art & Design	0 chapters
6	Biblical Studies	0 chapters
7	Biology	11 chapters
	1 Cell structure 2 Biological molecules 3 Enzymes 4 Cell membranes and transport 5 The mitotic cell cycle 6 Nucleic acids and protein synthesis 7 Transport in plants 8 Transport in mammals 9 Gas exchange 10 Infectious diseases 11 Immunity	
8	Business	0 chapters

9	Chemistry	22 chapters
• 1 Atomic structure • 2 Atoms, molecules and stoichiometry • 3 Chemical bonding • 4 States of matter • 5 Chemical energetics • 6 Electrochemistry • 7 Equilibria • 8 Reaction kinetics • 9 The Periodic Table: chemical periodicity • 10 Group 2 • 11 Group 17	• 12 Nitrogen and sulfur • 13 An introduction to AS Level organic chemistry • 14 Hydrocarbons • 15 Halogen compounds • 16 Hydroxy compounds • 17 Carbonyl compounds • 18 Carboxylic acids and derivatives • 19 Nitrogen compounds • 20 Polymerisation • 21 Organic synthesis • 22 Analytical techniques	
10	Chinese - Language & Literature (A Level only)	0 chapters
11	Classical Studies	0 chapters
12	Computer Science	12 chapters
• 1 Information representation • 2 Communication • 3 Hardware • 4 Processor Fundamentals • 5 System Software • 6 Security, privacy and data integrity	• 7 Ethics and Ownership • 8 Databases • 9 Algorithm Design and Problem-solving • 10 Data Types and Structures • 11 Programming • 12 Software Development	
13	Design & Technology	0 chapters
14	Digital Media & Design	0 chapters
15	Drama	0 chapters
16	Economics	6 chapters
• 1 Basic economic ideas and resource allocation • 2 The price system and the microeconomy • 3 Government microeconomic intervention	• 4 The macroeconomy • 5 Government macroeconomic intervention • 6 International economic issues	

17	English General Paper (AS Level only)	0 chapters
18	English Language	0 chapters
19	English - Language and Literature (AS Level only)	0 chapters
20	English - Literature	0 chapters
21	Environmental Management (AS only)	0 chapters
22	European History	0 chapters
23	French Language & Literature	0 chapters
24	Geography	0 chapters
25	German Language & Literature (A Level only)	0 chapters
26	Global Perspectives & Research	0 chapters
27	Hinduism	0 chapters
28	History	0 chapters
29	Information Technology	0 chapters
30	International History	0 chapters
31	Islamic Studies	0 chapters

32	Law	0 chapters
33	Marine Science	0 chapters
34	Mathematics	6 chapters
	• 1 Pure Mathematics 1 (for Paper 1) • 2 Pure Mathematics 2 (for Paper 2) • 3 Pure Mathematics 3 (for Paper 3)	• 4 Mechanics (for Paper 4) • 5 Probability & Statistics 1 (for Paper 5) • 6 Probability & Statistics 2 (for Paper 6)
35	Mathematics - Further	0 chapters
36	Media Studies	0 chapters
37	Music	0 chapters
38	Physics	11 chapters
	• 1 Physical quantities and units • 2 Kinematics • 3 Dynamics • 4 Forces, density and pressure • 5 Work, energy and power • 6 Deformation of solids	• 7 Waves • 8 Superposition • 9 Electricity • 10 D.C. circuits • 11 Particle physics
39	Portuguese (A Level only)	0 chapters
40	Portuguese - Language (AS Level only)	0 chapters
41	Psychology	0 chapters
42	Sociology	0 chapters
43	Spanish - Language & Literature (A Level only)	0 chapters

44	Thinking Skills	0 chapters
45	Travel & Tourism	0 chapters
46	Urdu - Language (AS Level only)	0 chapters
47	Urdu - Pakistan only (A Level only)	0 chapters
48	US History since 1877	0 chapters
49	US History to 1877	0 chapters