

PHYSICS

GCE Advanced Level and GCE Advanced Subsidiary Level

Grade thresholds taken for Syllabus 9702 (Physics) in the May/June 2011 examination.

	maximum mark available	minimum mark required for grade:		
		A	B	E
Component 11	40	30	27	17
Component 12	40	31	28	16
Component 13	40	30	27	17
Component 21	60	39	33	21
Component 22	60	35	29	15
Component 23	60	36	30	17
Component 31	40	32	30	24
Component 32	40	31	29	24
Component 33	40	31	29	22
Component 34	40	32	30	23
Component 35	40	31	29	22
Component 41	100	52	42	16
Component 42	100	58	47	16
Component 43	100	58	47	16
Component 51	30	21	19	9
Component 52	30	20	17	9
Component 53	30	20	17	9

The thresholds (minimum marks) for Grades C and D are normally set by dividing the mark range between the B and the E thresholds into three. For example, if the difference between the B and the E threshold is 24 marks, the C threshold is set 8 marks below the B threshold and the D threshold is set another 8 marks down. If dividing the interval by three results in a fraction of a mark, then the threshold is normally rounded down. Grade A* does not exist at the level of an individual component.

The thresholds for the **syllabus** are determined first by adding together the thresholds for the components taken by the candidate. A reduction may be made at the higher grades depending on the correlation of the papers. If the maximum raw marks for the components are not in the weighting/relationship specified in the syllabus, a weighting is applied to arrive at the overall thresholds. The A* threshold is calculated using the difference between A and B as a starting point.

For AS Level components, small adjustments may be made to the marks awarded for some versions of the paper in order to neutralise any differences in the difficulty of the different versions and so make sure that all candidates face an equal demand.

The maximum total mark for this syllabus is **260** for A Level and **130** for AS Level.

Cambridge International Advanced and Advanced Subsidiary Level
9702 Physics June 2011
Grade Thresholds

For this syllabus in this series the grade thresholds were as follows:

Option	Combination of components	A*	A	B	C	D	E
AX EX	11, 21, 31, 41, 51 11, 21, 32, 41, 51	178	158	138	116	94	73
AY EY AZ	12, 22, 33, 42, 52 12, 22, 34, 42, 52 13, 23, 35, 43, 53	185	163	141	118	95	73
BX	41, 51 and AS from last June	171	153	135	114	93	73
BY BZ	42, 52 and AS from last June 43, 53 and AS from last June	178	158	138	116	94	73
CX	41, 51 and AS from last Nov.	172	153	134	114	94	75
CY CZ	42, 52 and AS from last Nov. 43, 53 and AS from last Nov.	179	158	137	116	95	75
S1 S2 S3 S4 S5	AS Level		87	78	68	58	48

Grade Thresholds are published for all GCE A/AS and IGCSE subjects where a corresponding mark scheme is available.