

# PHYSICS

## Cambridge International Advanced Subsidiary and Advanced Level

Grade thresholds taken for Syllabus 9702 (Physics) in the May/June 2016 examination.

	maximum raw mark available	minimum raw mark required for grade:				
		A	B	C	D	E
Component 11	40	29	25	22	19	17
Component 12	40	30	27	23	19	16
Component 13	40	30	28	24	20	16
Component 21	60	37	31	25	20	14
Component 22	60	39	34	27	22	15
Component 23	60	37	31	25	19	14
Component 31	40	31	29	26	24	22
Component 32	40	29	27	24	22	20
Component 33	40	30	28	25	23	21
Component 34	40	30	28	25	23	21
Component 35	40	30	28	25	22	20
Component 41	100	55	42	33	25	16
Component 42	100	48	37	30	23	15
Component 43	100	55	42	33	25	16
Component 51	30	22	19	16	13	11
Component 52	30	21	18	15	12	10
Component 53	30	22	19	16	13	11

Grade A\* does not exist at the level of an individual component.

The maximum total mark for this syllabus, after weighting has been applied, is **260** for A Level and **130** for AS Level.

The overall thresholds for the different grades were set as follows.

Option	Combination of Components	A*	A	B	C	D	E
AW	11, 22, 33, 42, 52	179	156	133	113	93	73
AX	11, 21, 31, 41, 51	187	162	137	116	95	75
AY	12, 22, 33, 42, 52	179	157	135	114	93	72
AZ	13, 23, 35, 43, 53	187	163	139	116	94	72

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Grade Thresholds

Option	Combination of Components	A*	A	B	C	D	E
BX1	41, 51, 84	186	162	138	116	94	73
BX2	41, 51, 87	186	162	138	116	94	73
BY1	42, 52, 85	176	154	132	111	91	71
BY2	42, 52, 88	176	154	132	111	91	71
BZ1	43, 53, 86	186	162	138	116	94	73
CQ1	41, 51, 95	186	158	130	110	91	72
CQ2	41, 51, 98	186	158	130	110	91	72
CR1	42, 52, 96	171	147	123	105	88	71
CR2	42, 52, 99	170	147	124	106	89	72
CX1	41, 51, 94	185	158	131	112	93	74
CY1	42, 52, 95	176	150	124	106	88	70
CY2	42, 52, 98	176	150	124	106	88	70
HW	11, 22, 34, 42, 52	179	156	133	113	93	73
HX	11, 21, 32, 41, 51	187	161	135	114	93	73
HY	12, 22, 34, 42, 52	179	157	135	114	93	72
S1	11, 21, 31	–	87	77	67	57	48
S2	11, 21, 32	–	86	75	65	55	46
S3	12, 22, 33	–	90	81	69	58	47
S4	12, 22, 34	–	90	81	69	58	47
S5	13, 23, 35	–	88	79	67	56	45
S7	11, 22, 33	–	89	79	68	58	48
S8	11, 22, 34	–	89	79	68	58	48