

## Grade thresholds – November 2016

### Cambridge AS & A Level Physics (9702)

Grade thresholds taken for Syllabus 9702 (Physics) in the November 2016 examination.

	maximum raw mark available	minimum raw mark required for grade:				
		A	B	C	D	E
Component 11	40	28	22	19	17	15
Component 12	40	28	22	19	17	14
Component 13	40	28	22	19	17	15
Component 21	60	43	36	30	24	18
Component 22	60	43	36	31	25	19
Component 23	60	43	36	30	24	18
Component 31	40	32	29	26	23	20
Component 33	40	30	28	25	22	19
Component 34	40	32	30	27	24	22
Component 35	40	33	30	28	26	24
Component 36	40	32	28	26	24	22
Component 41	100	66	56	45	34	22
Component 42	100	50	43	35	28	19
Component 43	100	66	56	45	34	22
Component 51	30	22	20	17	14	12
Component 52	30	21	19	16	13	11
Component 53	30	22	20	17	14	12

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
AX	11, 21, 31, 41, 51	204	179	154	130	106	82
AY	12, 22, 33, 42, 52	183	161	139	118	97	77
AZ	13, 23, 35, 43, 53	205	180	155	131	108	85
BT1	42, 52, 84	174	156	138	118	98	78

**Grade thresholds continued**  
**Cambridge AS & A Level Physics (9702)**

Option	Combination of Components	A*	A	B	C	D	E
BT2	42, 52, 87	174	155	136	116	96	76
BU1	43, 53, 85	196	176	156	131	106	81
BU2	43, 53, 88	196	176	156	131	106	81
BW1	43, 53, 82	196	175	154	130	106	82
BW2	43, 53, 83	196	175	154	130	106	82
BY1	42, 52, 85	176	159	142	120	98	77
BY2	42, 52, 88	176	159	142	120	98	77
BZ1	43, 53, 86	194	174	154	129	104	79
CX1	41, 51, 94	192	169	146	124	102	81
CY1	42, 52, 95	173	152	131	112	93	75
CY2	42, 52, 98	173	152	131	112	93	75
CZ1	43, 53, 96	188	166	144	122	101	80
CZ2	43, 53, 99	187	166	145	123	102	81
EV	42, 52, 75	175	158	141	118	96	74
HY	12, 22, 34, 42, 52	183	162	141	120	100	80
HZ	13, 23, 36, 43, 53	205	179	153	130	107	84
S1	11, 21, 31	–	93	79	68	58	48
S3	12, 22, 33	–	92	78	67	57	47
S4	12, 22, 34	–	93	80	70	60	50
S5	13, 23, 35	–	94	80	70	60	51
S6	13, 23, 36	–	93	78	68	59	50