

## Grade thresholds – June 2023

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

Grade thresholds taken for Syllabus 9702 (Physics) in the June 2023 examination.

	Maximum raw mark available	Minimum raw mark required for grade:				
		A	B	C	D	E
Component 11	40	28	25	22	19	17
Component 12	40	29	24	20	17	13
Component 13	40	29	25	22	19	17
Component 21	60	41	35	29	22	15
Component 22	60	44	38	31	24	16
Component 23	60	41	35	28	21	15
Component 31	40	30	27	24	22	20
Component 32	40	32	30	27	25	23
Component 33	40	32	29	26	23	20
Component 34	40	31	29	26	23	21
Component 35	40	30	28	25	22	19
Component 41	100	62	50	40	30	19
Component 42	100	63	51	41	31	20
Component 43	100	62	50	40	30	19
Component 50	75	60	51	43	35	27
Component 51	30	23	19	16	12	9
Component 52	30	20	16	13	10	7
Component 53	30	23	19	16	12	9
Component 60	75	56	49	41	33	26

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

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

Option	Maximum mark after weighting	Combination of components	A*	A	B	C	D	E
AX	260	11, 21, 31, 41, 51	205	177	149	124	99	75
AY	260	12, 22, 33, 42, 52	209	180	151	124	97	71
AZ	260	13, 23, 35, 43, 53	206	178	150	124	99	74

## Grade thresholds continued

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

Option	Maximum mark after weighting	Combination of components	A*	A	B	C	D	E
BX1	260	41, 51, 84	204	174	144	117	91	65
BX2	260	41, 51, 87	204	174	144	117	91	65
BY1	260	42, 52, 85	201	171	141	113	86	59
BY2	260	42, 52, 88	201	171	141	114	87	60
BZ1	260	43, 53, 86	204	173	142	115	88	62
CP1	260	43, 53, 94	197	169	141	114	88	62
CQ1	260	41, 51, 95	196	167	138	112	86	61
CQ2	260	41, 51, 98	197	169	141	115	89	63
CR1	260	42, 52, 96	196	168	140	116	92	68
CR2	260	42, 52, 99	194	166	138	114	90	67
CX1	260	41, 51, 94	197	169	141	114	88	62
CY1	260	42, 52, 95	194	165	136	110	85	60
CY2	260	42, 52, 98	195	167	139	113	87	62
HX	260	11, 21, 32, 41, 51	204	178	152	127	102	77
HY	260	12, 22, 34, 42, 52	207	179	151	124	98	72
P1	75	50	–	60	51	43	35	27
P3	150	60, 80	130	116	102	86	71	56
S1	130	11, 21, 31	–	92	80	69	58	47
S2	130	11, 21, 32	–	93	83	71	60	49
S3	130	12, 22, 33	–	97	84	70	57	44
S4	130	12, 22, 34	–	96	84	71	58	45
S5	130	13, 23, 35	–	93	81	69	57	46