



Bihar Public Service Commission

Exam Date- 22-07-2024

Advt. No. 22/2024, Physics, Class 11-12

Final Answer key

SET-E	ANSWER KEY	SET-F	ANSWER KEY	SET-G	ANSWER KEY	SET-H	ANSWER KEY	REMARK
E-1	D	E-3	D	E-4	D	E-7	D	
E-2	C	E-4	A	E-5	B	E-8	C	
E-3	C	E-5	A	E-6	B	E-4	C	
E-4	D	E-1	D	E-7	D	E-5	D	
E-5	C	E-2	A	E-8	B	E-6	C	
E-6	C	E-7	A	E-1	B	E-2	C	
E-7	C	E-8	A	E-2	B	E-3	C	
E-8	E	E-6	E	E-3	E	E-1	E	
H-9	C	H-19	A	H-15	B	H-25	C	
H-10	A	H-20	C	H-16	A	H-26	B	
H-11	D	H-21	D	H-17	D	H-27	D	
H-12	B	H-22	B	H-18	C	H-28	A	
H-13	C	H-23	A	H-19	B	H-29	C	
H-14	E	H-24	E	H-20	E	H-30	E	
H-15	A	H-25	C	H-21	A	H-9	B	
H-16	B	H-26	B	H-22	C	H-10	A	
H-17	B	H-27	B	H-23	C	H-11	A	
H-18	C	H-28	A	H-24	B	H-12	C	
H-19	E	H-29	E	H-25	E	H-13	E	
H-20	B	H-30	B	H-26	C	H-14	A	
H-21	D	H-9	D	H-27	D	H-15	D	
H-22	A	H-10	C	H-28	A	H-16	B	
H-23	C	H-11	A	H-29	B	H-17	C	
H-24	B	H-12	B	H-30	C	H-18	A	
H-25	E	H-13	E	H-9	E	H-19	E	
H-26	A	H-14	C	H-10	A	H-20	B	
H-27	C	H-15	A	H-11	B	H-21	C	अन्य सभी उत्तर अशुद्ध है।
H-28	D	H-16	D	H-12	D	H-22	D	
H-29	B	H-17	B	H-13	C	H-23	A	
H-30	A	H-18	C	H-14	A	H-24	B	
U-9	A	U-19	C	U-15	A	U-25	B	
U-10	B	U-20	B	U-16	C	U-26	A	
U-11	C	U-21	A	U-17	B	U-27	C	
U-12	B	U-22	B	U-18	C	U-28	A	
U-13	E	U-23	E	U-19	E	U-29	E	
U-14	D	U-24	D	U-20	D	U-30	D	
U-15	D	U-25	D	U-21	D	U-9	D	
U-16	B	U-26	B	U-22	C	U-10	A	
U-17	A	U-27	C	U-23	A	U-11	B	
U-18	A	U-28	C	U-24	A	U-12	B	
U-19	D	U-29	D	U-25	D	U-13	D	
U-20	D	U-30	D	U-26	D	U-14	D	
U-21	A	U-9	C	U-27	A	U-15	B	
U-22	C	U-10	A	U-28	B	U-16	C	
U-23	A	U-11	C	U-29	A	U-17	B	
U-24	B	U-12	B	U-30	C	U-18	A	
U-25	C	U-13	A	U-9	B	U-19	C	
U-26	C	U-14	A	U-10	B	U-20	C	
U-27	A	U-15	C	U-11	A	U-21	B	
U-28	C	U-16	A	U-12	B	U-22	C	

SET-E	ANSWER KEY	SET-F	ANSWER KEY	SET-G	ANSWER KEY	SET-H	ANSWER KEY	REMARK
U-29	B	U-17	B	U-13	C	U-23	A	
U-30	A	U-18	C	U-14	A	U-24	B	
B-9	D	B-19	D	B-15	D	B-25	D	
B-10	B	B-20	B	B-16	C	B-26	A	
B-11	B	B-21	B	B-17	C	B-27	A	
B-12	A	B-22	C	B-18	A	B-28	B	
B-13	A	B-23	C	B-19	A	B-29	B	
B-14	C	B-24	A	B-20	B	B-30	C	
B-15	B	B-25	B	B-21	C	B-9	A	
B-16	C	B-26	A	B-22	B	B-10	C	
B-17	C	B-27	A	B-23	B	B-11	C	
B-18	B	B-28	B	B-24	C	B-12	A	
B-19	C	B-29	A	B-25	B	B-13	C	
B-20	B	B-30	B	B-26	C	B-14	A	
B-21	B	B-9	B	B-27	C	B-15	A	
B-22	B	B-10	B	B-28	C	B-16	A	
B-23	C	B-11	A	B-29	B	B-17	C	
B-24	C	B-12	A	B-30	B	B-18	C	
B-25	A	B-13	C	B-9	A	B-19	B	
B-26	B	B-14	B	B-10	C	B-20	A	
B-27	C	B-15	A	B-11	B	B-21	C	
B-28	A	B-16	C	B-12	A	B-22	B	
B-29	B	B-17	B	B-13	C	B-23	A	
B-30	B	B-18	B	B-14	C	B-24	A	
31	E	39	E	47	E	63	E	
32	B	40	B	48	C	64	A	
33	A	41	C	49	A	65	B	
34	E	42	E	50	E	66	E	
35	C	43	A	51	B	67	C	
36	A	44	C	52	A	68	B	
37	C	45	A	53	B	69	C	
38	B	46	B	54	C	70	A	
39	C	47	A	55	B	31	C	
40	E	48	E	56	E	32	E	
41	E	49	E	57	E	33	E	
42	C	50	A	58	B	34	C	
43	C	51	A	59	B	35	C	
44	C	52	A	60	B	36	C	
45	B	53	B	61	C	37	A	
46	B	54	B	62	C	38	A	
47	D	55	D	63	D	39	D	
48	C	56	A	64	B	40	C	
49	B	57	B	65	C	41	A	
50	A	58	C	66	A	42	B	
51	A	59	C	67	A	43	B	
52	Deleted	60	Deleted	68	Deleted	44	Deleted	The English and Hindi version differ. In English version 'revise' is used
53	B	61	B	69	C	45	A	
54	B	62	B	70	C	46	A	
55	A	63	C	31	A	47	B	
56	A	64	C	32	A	48	B	
57	D	65	D	33	D	49	D	
58	B	66	B	34	C	50	A	
59	A	67	C	35	A	51	B	

SET-E	ANSWER KEY	SET-F	ANSWER KEY	SET-G	ANSWER KEY	SET-H	ANSWER KEY	REMARK
60	E	68	E	36	E	52	E	The highest peak in Eastan Ghat
61	C	69	A	37	B	53	C	
62	B	70	B	38	C	54	A	
63	B	31	B	39	C	55	A	
64	B	32	B	40	C	56	A	
65	B	33	B	41	C	57	A	
66	D	34	D	42	D	58	D	
67	A	35	C	43	A	59	B	
68	E	36	E	44	E	60	E	
69	Deleted	37	Deleted	45	Deleted	61	Deleted	
70	C	38	A	46	B	62	C	
71	B	115	B	85	C	127	A	
72	C	116	A	86	B	128	C	
73	A	117	C	87	A	129	B	
74	D	118	D	88	D	130	D	
75	A	119	C	89	A	131	B	
76	E	120	E	90	E	132	E	
77	C	121	A	91	B	133	C	
78	E	122	E	92	E	134	E	
79	C	123	A	93	B	135	C	
80	C	124	A	94	B	136	C	
81	A	125	C	95	A	137	B	
82	D	126	D	96	D	138	D	
83	E	127	E	97	E	139	E	
84	D	128	D	98	D	140	D	
85	C	129	A	99	B	141	C	
86	A	130	C	100	A	142	B	
87	E	131	E	101	E	143	E	
88	A	132	C	102	A	144	B	
89	B	133	B	103	C	145	A	
90	C	134	A	104	B	146	C	
91	D	135	D	105	D	147	D	
92	C	136	A	106	B	148	C	
93	B	137	B	107	C	149	A	
94	B	138	B	108	C	150	A	
95	C	139	A	109	B	71	C	
96	C	140	A	110	B	72	C	
97	A	141	C	111	A	73	B	
98	D	142	D	112	D	74	D	
99	E	143	E	113	E	75	E	
100	E	144	E	114	E	76	E	
101	A	145	C	115	A	77	B	
102	Deleted	146	Deleted	116	Deleted	78	Deleted	The distance between successive Node as well as between successive Antinode is $\lambda/2$. where as distance between node and next adjacent antinode is $\lambda/4$. The
103	B	147	B	117	C	79	A	

SET-E	ANSWER KEY	SET-F	ANSWER KEY	SET-G	ANSWER KEY	SET-H	ANSWER KEY	REMARK
104	D	148	D	118	D	80	D	The electric displacement vector $D = \epsilon_0 E + P$. in which P is related to
105	C	149	A	119	B	81	C	
106	E	150	E	120	E	82	E	
107	B	71	B	121	C	83	A	
108	A	72	C	122	A	84	B	
109	E	73	E	123	E	85	E	
110	A	74	C	124	A	86	B	
111	E	75	E	125	E	87	E	
112	A	76	C	126	A	88	B	
113	C	77	A	127	B	89	C	
114	C	78	A	128	B	90	C	
115	A	79	C	129	A	91	B	
116	C	80	A	130	B	92	C	
117	D	81	D	131	D	93	D	
118	D	82	D	132	D	94	D	
119	A	83	C	133	A	95	B	
120	C	84	A	134	B	96	C	
121	D	85	D	135	D	97	D	
122	C	86	A	136	B	98	C	
123	B	87	B	137	C	99	A	
124	D	88	D	138	D	100	D	
125	A	89	C	139	A	101	B	
126	A	90	C	140	A	102	B	
127	D	91	D	141	D	103	D	
128	A	92	C	142	A	104	B	
129	D	93	D	143	D	105	D	
130	C	94	A	144	B	106	C	
131	B	95	B	145	C	107	A	
132	C	96	A	146	B	108	C	
133	E	97	E	147	E	109	E	
134	D	98	D	148	D	110	D	
135	B	99	B	149	C	111	A	
136	D	100	D	150	D	112	D	
137	A	101	C	71	A	113	B	
138	D	102	D	72	D	114	D	
139	D	103	D	73	D	115	D	
140	C	104	A	74	B	116	C	
141	D	105	D	75	D	117	D	
142	E	106	E	76	E	118	E	
143	E	107	E	77	E	119	E	
144	A	108	C	78	A	120	B	
145	A	109	C	79	A	121	B	
146	D	110	D	80	D	122	D	
147	C	111	A	81	B	123	C	
148	B	112	B	82	C	124	A	
149	D	113	D	83	D	125	D	
150	A	114	C	84	A	126	B	