



Bihar Public Service Commission, Patna

Advt. No. 18/2024-21/2024

Agriculture Engineering, Paper-I

Final Answer Key

Series A	Series B	Series C	Series D	ANSWER KEY	Remarks
1	31	57	81	D	
2	32	58	82	A	
3	33	59	83	C	
4	34	60	84	B	
5	35	61	85	Deleted	The surface area of the tank will remain constant & not vary. Only water surface area in the tank will vary as $h^{1/2}$.
6	36	62	86	D	
7	37	63	87	C	
8	38	64	88	A	
9	39	65	89	C	
10	40	66	90	B	
11	41	67	91	D	
12	42	68	92	D	
13	43	69	93	B	
14	44	70	94	B	
15	45	71	95	D	
16	46	72	96	B	
17	47	73	97	A	
18	48	74	98	C	
19	49	75	99	B	
20	50	76	100	B	
21	51	77	1	D	
22	52	78	2	B	
23	53	79	3	B	
24	54	80	4	C	No Change. D-F assumptions are used under both steady & unsteady conditions. ICAR document is attached as proof.
25	55	81	5	B	
26	56	82	6	B	
27	57	83	7	C	
28	58	84	8	A	
29	59	85	9	D	
30	60	86	10	D	
31	61	87	11	B	
32	62	88	12	D	
33	63	89	13	A	

Series A	Series B	Series C	Series D	ANSWER KEY	Remarks
34	64	90	14	A	
35	65	91	15	A	
36	66	92	16	A	
37	67	93	17	B	
38	68	94	18	Deleted	Soil depth range "Very shallow" is under the land capability class VI, which is not mentioned in the option. So, Question is recommended to be deleted.
39	69	95	19	B	
40	70	96	20	C	
41	71	97	21	A	
42	72	98	22	D	
43	73	99	23	C	
44	74	100	24	A	
45	75	1	25	B	
46	76	2	26	C	
47	77	3	27	B	
48	78	4	28	D	
49	79	5	29	C	
50	80	6	30	A	
51	81	7	31	C	
52	82	8	32	D	
53	83	9	33	B	
54	84	10	34	B	
55	85	11	35	A	
56	86	12	36	C	
57	87	13	37	C	
58	88	14	38	B	
59	89	15	39	A	
60	90	16	40	D	
61	91	17	41	B	
62	92	18	42	C	No Change. It has been asked that under moderate drought how much total seasonal rainfall is received & not the deficiency. So the option 'C' is correct.
63	93	19	43	C	
64	94	20	44	B	
65	95	21	45	B	
66	96	22	46	A	
67	97	23	47	D	
68	98	24	48	A	
69	99	25	49	C	
70	100	26	50	B	
71	1	27	51	D	

Series A	Series B	Series C	Series D	ANSWER KEY	Remarks
72	2	28	52	B	
73	3	29	53	C	
74	4	30	54	C	
75	5	31	55	B	No change. Trap efficiency of reservoir is a function of the ratio of reservoir capacity to the total annual inflow volume of water. So, option 'B' is correct.
76	6	32	56	C	
77	7	33	57	D	
78	8	34	58	B	
79	9	35	59	A	
80	10	36	60	C	
81	11	37	61	A	
82	12	38	62	B	
83	13	39	63	A	
84	14	40	64	C	
85	15	41	65	B	
86	16	42	66	C	
87	17	43	67	A	
88	18	44	68	C	
89	19	45	69	D	
90	20	46	70	D	
91	21	47	71	A	
92	22	48	72	A	
93	23	49	73	D	
94	24	50	74	C	
95	25	51	75	C	
96	26	52	76	B	
97	27	53	77	C	
98	28	54	78	A	
99	29	55	79	B	
100	30	56	80	B	