



# Sardar Patel University, Mandi

(Established Under H. P. Govt. Act No. 03 of 2022)

File. No. SPU-Mandi/COE/01/2022-

Dated 11.04.2023

## Notice

(Regarding Ph. D. Entrance Test March – 2023)

The **final Answer Keys** in respect of **Ph. D. Entrance Test** conducted on 19.03.2023 for various faculties are displayed on the website of the SPU Mandi.

11<sup>th</sup> April, 2023  
Mandi – 175001

  
**Controller of Examinations**

### Copy to:-

1. Dr. Gaurav Kapoor, Coordinator Examination, SPU, Mandi (HP).
2. Dr. Vinay Pandit, Dy. Registrar (Exam.), SPU Mandi – 175001
3. Sh. Haneet Rana, AR (GAD) Cum- Web In charge, SPU Mandi
4. PS to Hon'ble Vice Chancellor, SPU Mandi.
5. PA to Pro - Vice Chancellor, SPU Mandi.
6. File No. SPU-Mandi/Exam/Ph.D./01/2023
7. File No. SPU-Mandi/COE/01/2023

  
**Controller of Examinations**

Ph. D. Entrance Test-March-2023

FINAL ANSWER KEY

Physics

1	C	36	B
2	B	37	C
3	B	38	C
4	D	39	A
5	A	40	D
6	A	41	A
7	B	42	B
8	A	43	A
9	B	44	D
10	A	45	C
11	B	46	A
12	B	47	B
13	B	48	D
14	C	49	A
15	A	50	D
16	C	51	B
17	D	52	D
18	B	53	C
19	D	54	D
20	B	55	B
21	B	56	B
22	C	57	B
23	A	58	C
24	B	59	B
25	B	60	B
26	D	61	C
27	B	62	B
28	C	63	D
29	C	64	A
30	C	65	D
31	A	66	B
32	B	67	A
33	A	68	D
34	C	69	C
35	<b>Bonus</b>	70	C

Ph. D. Entrance Test-March-2023

FINAL ANSWER KEY

Chemistry

1	A	36	B
2	D	37	A
3	<b>Bonus</b>	38	B
4	A	39	D
5	C	40	B
6	D	41	A
7	A	42	C
8	C	43	A
9	B	44	C
10	<b>Bonus</b>	45	B
11	C	46	A
12	C	47	B
13	D	48	D
14	A	49	A
15	C	50	D
16	A	51	C
17	A	52	B
18	D	53	A
19	A	54	B
20	A	55	B
21	<b>D</b>	56	B
22	C	57	B
23	A	58	A
24	<b>Bonus</b>	59	A
25	D	60	D
26	B	61	A
27	B	62	B
28	A	63	B
29	<b>Bonus</b>	64	D
30	C	65	B
31	C	66	C
32	B	67	<b>D</b>
33	C	68	D
34	B	69	B
35	D	70	D

Ph. D. Entrance Test-March-2023

FINAL ANSWER KEY

Botany

1	A	36	B
2	C	37	D
3	D	38	C
4	C	39	<b>Bonus</b>
5	D	40	A
6	B	41	D
7	B	42	A
8	A	43	B
9	D	44	C
10	A	45	D
11	<b>B</b>	46	A
12	C	47	B
13	D	48	B
14	A	49	A
15	D	50	B
16	B	51	B
17	A	52	D
18	A	53	B
19	D	54	C
20	A	55	<b>Bonus</b>
21	B	56	A
22	A	57	C
23	B	58	A
24	C	59	B
25	A	60	B
26	B	61	C
27	D	62	C
28	A	63	C
29	C	64	B
30	C	65	D
31	A	66	A
32	D	67	B
33	B	68	C
34	B	69	D
35	C	70	D

Ph. D. Entrance Test-March-2023

FINAL ANSWER KEY

Zoology

1	D	36	B
2	B	37	C
3	D	38	C
4	C	39	C
5	C	40	D
6	B	41	D
7	A	42	A
8	B	43	A
9	B	44	C
10	B	45	C
11	C	46	C
12	A	47	A
13	A	48	A
14	B	49	D
15	A	50	A
16	C	51	B
17	C	52	B
18	A	53	D
19	D	54	A
20	C	55	C
21	D	56	C
22	B	57	C
23	D	58	A
24	B	59	A
25	C	60	B
26	C	61	B
27	C	62	B
28	B	63	A
29	C	64	A
30	A	65	A
31	A	66	C
32	A	67	C
33	D	68	B
34	D	69	B
35	B	70	B

**Ph. D. Entrance Test-March-2023**

**FINAL ANSWER KEY**

**History**

1	B	36	A
2	D	37	A
3	A	38	A
4	B	39	B
5	A	40	B
6	C	41	B
7	C	42	A
8	C	43	D
9	C	44	B
10	B	45	A
11	A	46	B
12	A	47	A
13	A	48	A
14	B	49	C
15	D	50	D
16	B	51	A
17	C	52	C
18	A	53	C
19	B	54	B
20	D	55	A
21	C	56	B
22	B	57	C
23	B	58	A
24	C	59	A
25	B	60	B
26	B	61	D
27	B	62	A
28	D	63	B
29	C	64	C
30	D	65	C
31	B	66	C
32	C	67	D
33	D	68	C
34	C	69	D
35	B	70	A

**Ph. D. Entrance Test-March-2023**

**FINAL ANSWER KEY**

**Management Studies**

1	B	36	B
2	B	37	B
3	B	38	A
4	C	39	A
5	A	40	A
6	B	41	D
7	D	42	A
8	D	43	B
9	A	44	A
10	C	45	B
11	C	46	A
12	B	47	D
13	C	48	C
14	B	49	A
15	D	50	A
16	B	51	A
17	D	52	A
18	B	53	A
19	B	54	B
20	B	55	C
21	C	56	B
22	D	57	C
23	C	58	A
24	A	59	B
25	B	60	A
26	B	61	C
27	D	62	A
28	A	63	D
29	A	64	C
30	A	65	C
31	D	66	B
32	A	67	B
33	C	68	D
34	B	69	D
35	B	70	B