

SWAMI RAMA HIMALAYAN UNIVERSITY

(Established u/s 2(f) of UGC Act, 1956 & enacted vide Act No. 12 of 2013 of Govt. of Uttarakhand)

Swami Ram Nagar, Jolly Grant, Dehradun – 248016, Uttarakhand.

Ref. No.: SRHU/COE/Conf./2023-006

January 18, 2023

Notice Regarding Ph.D. Entrance Examination (Ph.D. E. E.) January 2023

Answer keys for the following subjects of Ph.D. Entrance Examination (January 15, 2023) are hereby uploaded on the University website (www.srhu.edu.in):

Sr.No	Subject Code	Subject	Pages	
			From	To
1.	01	Biochemistry	1	4
2.	02	Biotechnology	5	8
3.	07	Management	9	12
4.	08	Medical Physics	13	16
5.	09	Microbiology	17	20
6.	10	Nursing Sciences	21	24
7.	11	Oncological Sciences	25	28
8.	13	Physiology	29	32
9.	14	Yoga Sciences	33	36

If a candidate wants to challenge regarding answer of any question, he/she can register his/her grievance on University E-mail I.D. coe@srhu.edu.in by **January 20, 2023 (5:00 pm)**.

After this no further correspondence in this regard shall be entertained.



Controller of Examinations
SRHU

P.H.D.E.E- BIOCHEMISTRY (01) (SET -A)**ANSWER KEY****PART-I (RESEARCH METHODOLOGY)**

Question No.	Answer	Question No.	Answer
1	D	26	B
2	A	27	C
3	C	28	B
4	D	29	D
5	A	30	A
6	C	31	B
7	B	32	D
8	A	33	B
9	B	34	B
10	D	35	B
11	B	36	C
12	D	37	B
13	C	38	D
14	D	39	C
15	C	40	B
16	A	41	B
17	C	42	A
18	B	43	B
19	C	44	C
20	B	45	D
21	A	46	B
22	B	47	C
23	D	48	D
24	B	49	C
25	D	50	A

PART-II (BIOCHEMISTRY-01)

Question No.	Answer	Question No.	Answer
51	C	76	B
52	B	77	A
53	B	78	D
54	B	79	D
55	B	80	C
56	D	81	A
57	B	82	D
58	C	83	D
59	D	84	D
60	D	85	C
61	D	86	A
62	B	87	D
63	D	88	D
64	A	89	C
65	C	90	B
66	C	91	C
67	D	92	B
68	D	93	A
69	C	94	D
70	A	95	D
71	A	96	D
72	B	97	A
73	C	98	C
74	C	99	D
75	A	100	C

P.H.D.E.E- BIOCHEMISTRY (01) (SET -B)**ANSWER KEY****PART-I (RESEARCH METHODOLOGY)**

Question No.	Answer	Question No.	Answer
1	B	26	C
2	D	27	B
3	C	28	D
4	D	29	C
5	C	30	B
6	A	31	B
7	C	32	A
8	B	33	B
9	C	34	C
10	B	35	D
11	A	36	B
12	B	37	C
13	D	38	D
14	B	39	C
15	D	40	A
16	B	41	D
17	C	42	A
18	B	43	C
19	D	44	D
20	A	45	A
21	B	46	C
22	D	47	B
23	B	48	A
24	B	49	B
25	B	50	D

PART-II (BIOCHEMISTRY-01)

Question No.	Answer	Question No.	Answer
51	C	76	B
52	B	77	A
53	B	78	D
54	B	79	D
55	B	80	C
56	D	81	A
57	B	82	D
58	C	83	D
59	D	84	D
60	D	85	C
61	D	86	A
62	B	87	D
63	D	88	D
64	A	89	C
65	C	90	B
66	C	91	C
67	D	92	B
68	D	93	A
69	C	94	D
70	A	95	D
71	A	96	D
72	B	97	A
73	C	98	C
74	C	99	D
75	A	100	C

P.H.D.E.E- (BIOTECHNOLOGY-02) (SET -A)

ANSWER KEY

PART-I (RESEARCH METHODOLOGY)

Question No.	Answer	Question No.	Answer
1	D	26	B
2	A	27	C
3	C	28	B
4	D	29	D
5	A	30	A
6	C	31	B
7	B	32	D
8	A	33	B
9	B	34	B
10	D	35	B
11	B	36	C
12	D	37	B
13	C	38	D
14	D	39	C
15	C	40	B
16	A	41	B
17	C	42	A
18	B	43	B
19	C	44	C
20	B	45	D
21	A	46	B
22	B	47	C
23	D	48	D
24	B	49	C
25	D	50	A

PART-II (BIOTECHNOLOGY-02)

Question No.	Answer	Question No.	Answer
51	C	76	C
52	B	77	D
53	C	78	A
54	C	79	A
55	D	80	C
56	A	81	A
57	D	82	D
58	C	83	A
59	C	84	D
60	D	85	A
61	A	86	C
62	B	87	C
63	B	88	C
64	A	89	B
65	B	90	D
66	B	91	C
67	A	92	A
68	B	93	A
69	D	94	C
70	A	95	C
71	B	96	C
72	A	97	C
73	C	98	D
74	B	99	D
75	A	100	D

P.H.D.E.E- (BIOTECHNOLOGY-02) (SET -B)**ANSWER KEY****PART-I (RESEARCH METHODOLOGY)**

Question No.	Answer	Question No.	Answer
1	B	26	C
2	D	27	B
3	C	28	D
4	D	29	C
5	C	30	B
6	A	31	B
7	C	32	A
8	B	33	B
9	C	34	C
10	B	35	D
11	A	36	B
12	B	37	C
13	D	38	D
14	B	39	C
15	D	40	A
16	B	41	D
17	C	42	A
18	B	43	C
19	D	44	D
20	A	45	A
21	B	46	C
22	D	47	B
23	B	48	A
24	B	49	B
25	B	50	D

PART-II (BIOTECHNOLOGY-02)

Question No.	Answer	Question No.	Answer
51	C	76	C
52	B	77	D
53	C	78	A
54	C	79	A
55	D	80	C
56	A	81	A
57	D	82	D
58	C	83	A
59	C	84	D
60	D	85	A
61	A	86	C
62	B	87	C
63	B	88	C
64	A	89	B
65	B	90	D
66	B	91	C
67	A	92	A
68	B	93	A
69	D	94	C
70	A	95	C
71	B	96	C
72	A	97	C
73	C	98	D
74	B	99	D
75	A	100	D

P.H.D.E.E- (MANAGEMENT-07) (SET -A)

ANSWER KEY

PART-I (RESEARCH METHODOLOGY)

Question No.	Answer	Question No.	Answer
1	D	26	B
2	A	27	C
3	C	28	B
4	D	29	D
5	A	30	A
6	C	31	B
7	B	32	D
8	A	33	B
9	B	34	B
10	D	35	B
11	B	36	C
12	D	37	B
13	C	38	D
14	D	39	C
15	C	40	B
16	A	41	B
17	C	42	A
18	B	43	B
19	C	44	C
20	B	45	D
21	A	46	B
22	B	47	C
23	D	48	D
24	B	49	C
25	D	50	A

PART-II (MANAGEMENT-07)

Question No.	Answer	Question No.	Answer
51	A	76	D
52	B	77	C
53	C	78	A
54	D	79	B
55	A	80	A
56	B	81	C
57	A	82	B
58	D	83	B
59	A	84	B
60	B	85	B
61	D	86	C
62	B	87	C
63	A	88	D
64	C	89	C
65	B	90	C
66	D	91	A
67	B	92	B
68	D	93	D
69	B	94	C
70	A	95	B
71	B	96	C
72	C	97	D
73	D	98	B
74	D	99	B
75	B	100	C

P.H.D.E.E- (MANAGEMENT-07) (SET -B)**ANSWER KEY****PART-I (RESEARCH METHODOLOGY)**

Question No.	Answer	Question No.	Answer
1	B	26	C
2	D	27	B
3	C	28	D
4	D	29	C
5	C	30	B
6	A	31	B
7	C	32	A
8	B	33	B
9	C	34	C
10	B	35	D
11	A	36	B
12	B	37	C
13	D	38	D
14	B	39	C
15	D	40	A
16	B	41	D
17	C	42	A
18	B	43	C
19	D	44	D
20	A	45	A
21	B	46	C
22	D	47	B
23	B	48	A
24	B	49	B
25	B	50	D

PART-II (MANAGEMENT-07)

Question No.	Answer	Question No.	Answer
51	A	76	D
52	B	77	C
53	C	78	A
54	D	79	B
55	A	80	A
56	B	81	C
57	A	82	B
58	D	83	B
59	A	84	B
60	B	85	B
61	D	86	C
62	B	87	C
63	A	88	D
64	C	89	C
65	B	90	C
66	D	91	A
67	B	92	B
68	D	93	D
69	B	94	C
70	A	95	B
71	B	96	C
72	C	97	D
73	D	98	B
74	D	99	B
75	B	100	C

P.H.D.E.E- (MEDICAL PHYSICS-08) (SET -A)**ANSWER KEY****PART-I (RESEARCH METHODOLOGY)**

Question No.	Answer	Question No.	Answer
1	D	26	B
2	A	27	C
3	C	28	B
4	D	29	D
5	A	30	A
6	C	31	B
7	B	32	D
8	A	33	B
9	B	34	B
10	D	35	B
11	B	36	C
12	D	37	B
13	C	38	D
14	D	39	C
15	C	40	B
16	A	41	B
17	C	42	A
18	B	43	B
19	C	44	C
20	B	45	D
21	A	46	B
22	B	47	C
23	D	48	D
24	B	49	C
25	D	50	A

PART-II (MEDICAL PHYSICS-08)

Question No.	Answer	Question No.	Answer
51	C	76	C
52	D	77	B
53	A	78	A
54	B	79	D
55	B	80	B
56	B	81	D
57	A	82	C
58	B	83	B
59	A	84	A
60	D	85	C
61	B	86	B
62	B	87	B
63	D	88	A
64	B	89	A
65	B	90	B
66	A	91	D
67	D	92	C
68	B	93	B
69	D	94	B
70	B	95	C
71	D	96	A
72	B	97	A
73	C	98	D
74	C	99	C
75	A	100	A

P.H.D.E.E- (MEDICAL PHYSICS-08) (SET -B)**ANSWER KEY****PART-I (RESEARCH METHODOLOGY)**

Question No.	Answer	Question No.	Answer
1	B	26	C
2	D	27	B
3	C	28	D
4	D	29	C
5	C	30	B
6	A	31	B
7	C	32	A
8	B	33	B
9	C	34	C
10	B	35	D
11	A	36	B
12	B	37	C
13	D	38	D
14	B	39	C
15	D	40	A
16	B	41	D
17	C	42	A
18	B	43	C
19	D	44	D
20	A	45	A
21	B	46	C
22	D	47	B
23	B	48	A
24	B	49	B
25	B	50	D

PART-II (MEDICAL PHYSICS-08)

Question No.	Answer	Question No.	Answer
51	C	76	C
52	D	77	B
53	A	78	A
54	B	79	D
55	B	80	B
56	B	81	D
57	A	82	C
58	B	83	B
59	A	84	A
60	D	85	C
61	B	86	B
62	B	87	B
63	D	88	A
64	B	89	A
65	B	90	B
66	A	91	D
67	D	92	C
68	B	93	B
69	D	94	B
70	B	95	C
71	D	96	A
72	B	97	A
73	C	98	D
74	C	99	C
75	A	100	A

P.H.D.E.E- (MICROBIOLOGY-09) (SET -A)**ANSWER KEY****PART-I (RESEARCH METHODOLOGY)**

Question No.	Answer	Question No.	Answer
1	D	26	B
2	A	27	C
3	C	28	B
4	D	29	D
5	A	30	A
6	C	31	B
7	B	32	D
8	A	33	B
9	B	34	B
10	D	35	B
11	B	36	C
12	D	37	B
13	C	38	D
14	D	39	C
15	C	40	B
16	A	41	B
17	C	42	A
18	B	43	B
19	C	44	C
20	B	45	D
21	A	46	B
22	B	47	C
23	D	48	D
24	B	49	C
25	D	50	A

PART-II (MICROBIOLOGY-09)

Question No.	Answer	Question No.	Answer
51	A	76	D
52	A	77	D
53	A	78	B
54	B	79	D
55	A	80	C
56	C	81	A
57	D	82	A
58	C	83	A
59	C	84	D
60	C	85	D
61	A	86	D
62	D	87	A
63	A	88	B
64	C	89	D
65	D	90	C
66	C	91	A
67	D	92	A
68	C	93	A
69	A	94	D
70	D	95	B
71	D	96	C
72	D	97	C
73	C	98	C
74	D	99	C
75	C	100	B

P.H.D.E.E- (MICROBIOLOGY-09) (SET -B)

ANSWER KEY

PART-I (RESEARCH METHODOLOGY)

Question No.	Answer	Question No.	Answer
1	B	26	C
2	D	27	B
3	C	28	D
4	D	29	C
5	C	30	B
6	A	31	B
7	C	32	A
8	B	33	B
9	C	34	C
10	B	35	D
11	A	36	B
12	B	37	C
13	D	38	D
14	B	39	C
15	D	40	A
16	B	41	D
17	C	42	A
18	B	43	C
19	D	44	D
20	A	45	A
21	B	46	C
22	D	47	B
23	B	48	A
24	B	49	B
25	B	50	D

PART-II (MICROBIOLOGY-09)

Question No.	Answer	Question No.	Answer
51	A	76	D
52	A	77	D
53	A	78	B
54	B	79	D
55	A	80	C
56	C	81	A
57	D	82	A
58	C	83	A
59	C	84	D
60	C	85	D
61	A	86	D
62	D	87	A
63	A	88	B
64	C	89	D
65	D	90	C
66	C	91	A
67	D	92	A
68	C	93	A
69	A	94	D
70	D	95	B
71	D	96	C
72	D	97	C
73	C	98	C
74	D	99	C
75	C	100	B

P.H.D.E.E- (NURSING SCIENCES-10) (SET -A)**ANSWER KEY****PART-I (RESEARCH METHODOLOGY)**

Question No.	Answer	Question No.	Answer
1	D	26	B
2	A	27	C
3	C	28	B
4	D	29	D
5	A	30	A
6	C	31	B
7	B	32	D
8	A	33	B
9	B	34	B
10	D	35	B
11	B	36	C
12	D	37	B
13	C	38	D
14	D	39	C
15	C	40	B
16	A	41	B
17	C	42	A
18	B	43	B
19	C	44	C
20	B	45	D
21	A	46	B
22	B	47	C
23	D	48	D
24	B	49	C
25	D	50	A

PART-II (NURSING SCIENCES-10)

Question No.	Answer	Question No.	Answer
51	B	76	C
52	A	77	B
53	C	78	B
54	B	79	A
55	C	80	C
56	B	81	D
57	D	82	C
58	D	83	B
59	B	84	B
60	A	85	C
61	A	86	C
62	D	87	B
63	C	88	A
64	D	89	C
65	A	90	D
66	B	91	B
67	A	92	C
68	D	93	B
69	D	94	D
70	D	95	B
71	B	96	B
72	C	97	C
73	B	98	B
74	C	99	D
75	B	100	A

P.H.D.E.E- (NURSING SCIENCES-10) (SET -B)**ANSWER KEY****PART-I (RESEARCH METHODOLOGY)**

Question No.	Answer	Question No.	Answer
1	B	26	C
2	D	27	B
3	C	28	D
4	D	29	C
5	C	30	B
6	A	31	B
7	C	32	A
8	B	33	B
9	C	34	C
10	B	35	D
11	A	36	B
12	B	37	C
13	D	38	D
14	B	39	C
15	D	40	A
16	B	41	D
17	C	42	A
18	B	43	C
19	D	44	D
20	A	45	A
21	B	46	C
22	D	47	B
23	B	48	A
24	B	49	B
25	B	50	D

PART-II (NURSING SCIENCES-10)

Question No.	Answer	Question No.	Answer
51	B	76	C
52	A	77	B
53	C	78	B
54	B	79	A
55	C	80	C
56	B	81	D
57	D	82	C
58	D	83	B
59	B	84	B
60	A	85	C
61	A	86	C
62	D	87	B
63	C	88	A
64	D	89	C
65	A	90	D
66	B	91	B
67	A	92	C
68	D	93	B
69	D	94	D
70	D	95	B
71	B	96	B
72	C	97	C
73	B	98	B
74	C	99	D
75	B	100	A

P.H.D.E.E- (ONCOLOGICAL SCIENCES-11) (SET -A)**ANSWER KEY****PART-I (RESEARCH METHODOLOGY)**

Question No.	Answer	Question No.	Answer
1	D	26	B
2	A	27	C
3	C	28	B
4	D	29	D
5	A	30	A
6	C	31	B
7	B	32	D
8	A	33	B
9	B	34	B
10	D	35	B
11	B	36	C
12	D	37	B
13	C	38	D
14	D	39	C
15	C	40	B
16	A	41	B
17	C	42	A
18	B	43	B
19	C	44	C
20	B	45	D
21	A	46	B
22	B	47	C
23	D	48	D
24	B	49	C
25	D	50	A

PART-II (ONCOLOGICAL SCIENCES-11)

Question No.	Answer	Question No.	Answer
51	D	76	A
52	D	77	B
53	C	78	D
54	A	79	A
55	B	80	A
56	C	81	A
57	B	82	C
58	C	83	B
59	B	84	D
60	D	85	A
61	A	86	A
62	C	87	B
63	C	88	C
64	B	89	C
65	D	90	A
66	A	91	C
67	D	92	B
68	A	93	D
69	D	94	C
70	C	95	A
71	C	96	B
72	B	97	D
73	B	98	C
74	C	99	A
75	B	100	B

P.H.D.E.E- (ONCOLOGICAL SCIENCES-11) (SET -B)**ANSWER KEY****PART-I (RESEARCH METHODOLOGY)**

Question No.	Answer	Question No.	Answer
1	B	26	C
2	D	27	B
3	C	28	D
4	D	29	C
5	C	30	B
6	A	31	B
7	C	32	A
8	B	33	B
9	C	34	C
10	B	35	D
11	A	36	B
12	B	37	C
13	D	38	D
14	B	39	C
15	D	40	A
16	B	41	D
17	C	42	A
18	B	43	C
19	D	44	D
20	A	45	A
21	B	46	C
22	D	47	B
23	B	48	A
24	B	49	B
25	B	50	D

PART-II (ONCOLOGICAL SCIENCES-11)

Question No.	Answer	Question No.	Answer
51	D	76	A
52	D	77	B
53	C	78	D
54	A	79	A
55	B	80	A
56	C	81	A
57	B	82	C
58	C	83	B
59	B	84	D
60	D	85	A
61	A	86	A
62	C	87	B
63	C	88	C
64	B	89	C
65	D	90	A
66	A	91	C
67	D	92	B
68	A	93	D
69	D	94	C
70	C	95	A
71	C	96	B
72	B	97	D
73	B	98	C
74	C	99	A
75	B	100	B

P.H.D.E.E- (PHYSIOLOGY -13) (SET -A)**ANSWER KEY****PART-I (RESEARCH METHODOLOGY)**

Question No.	Answer	Question No.	Answer
1	D	26	B
2	A	27	C
3	C	28	B
4	D	29	D
5	A	30	A
6	C	31	B
7	B	32	D
8	A	33	B
9	B	34	B
10	D	35	B
11	B	36	C
12	D	37	B
13	C	38	D
14	D	39	C
15	C	40	B
16	A	41	B
17	C	42	A
18	B	43	B
19	C	44	C
20	B	45	D
21	A	46	B
22	B	47	C
23	D	48	D
24	B	49	C
25	D	50	A

PART-II (PHYSIOLOGY -13)

Question No.	Answer	Question No.	Answer
51	A	76	D
52	A	77	D
53	A	78	D
54	B	79	D
55	C	80	D
56	D	81	B
57	B	82	C
58	D	83	A
59	A	84	A
60	D	85	A
61	C	86	B
62	A	87	B
63	A	88	C
64	A	89	C
65	A	90	B
66	B	91	D
67	D	92	A
68	B	93	C
69	D	94	D
70	B	95	D
71	C	96	A
72	D	97	D
73	A	98	A
74	B	99	A
75	C	100	A

P.H.D.E.E- (PHYSIOLOGY -13) (SET -B)

ANSWER KEY

PART-I (RESEARCH METHODOLOGY)

Question No.	Answer	Question No.	Answer
1	B	26	C
2	D	27	B
3	C	28	D
4	D	29	C
5	C	30	B
6	A	31	B
7	C	32	A
8	B	33	B
9	C	34	C
10	B	35	D
11	A	36	B
12	B	37	C
13	D	38	D
14	B	39	C
15	D	40	A
16	B	41	D
17	C	42	A
18	B	43	C
19	D	44	D
20	A	45	A
21	B	46	C
22	D	47	B
23	B	48	A
24	B	49	B
25	B	50	D

PART-II (PHYSIOLOGY -13)

Question No.	Answer	Question No.	Answer
51	A	76	D
52	A	77	D
53	A	78	D
54	B	79	D
55	C	80	D
56	D	81	B
57	B	82	C
58	D	83	A
59	A	84	A
60	D	85	A
61	C	86	B
62	A	87	B
63	A	88	C
64	A	89	C
65	A	90	B
66	B	91	D
67	D	92	A
68	B	93	C
69	D	94	D
70	B	95	D
71	C	96	A
72	D	97	D
73	A	98	A
74	B	99	A
75	C	100	A

P.H.D.E.E- (YOGA SCIENCES-14) (SET -A)**ANSWER KEY****PART-I (RESEARCH METHODOLOGY)**

Question No.	Answer	Question No.	Answer
1	D	26	B
2	A	27	C
3	C	28	B
4	D	29	D
5	A	30	A
6	C	31	B
7	B	32	D
8	A	33	B
9	B	34	B
10	D	35	B
11	B	36	C
12	D	37	B
13	C	38	D
14	D	39	C
15	C	40	B
16	A	41	B
17	C	42	A
18	B	43	B
19	C	44	C
20	B	45	D
21	A	46	B
22	B	47	C
23	D	48	D
24	B	49	C
25	D	50	A

PART-II (YOGA SCIENCES-14)

Question No.	Answer	Question No.	Answer
51	C	76	D
52	C	77	B
53	C	78	C
54	B	79	A
55	B	80	D
56	D	81	D
57	A	82	B
58	D	83	C
59	B	84	D
60	C	85	B
61	B	86	D
62	C	87	A
63	A	88	C
64	D	89	A
65	D	90	B
66	D	91	C
67	B	92	B
68	B	93	D
69	B	94	A
70	C	95	C
71	A	96	A
72	B	97	A
73	C	98	D
74	B	99	C
75	A	100	A

P.H.D.E.E- (YOGA SCIENCES-14) (SET -B)**ANSWER KEY****PART-I (RESEARCH METHODOLOGY)**

Question No.	Answer	Question No.	Answer
1	B	26	C
2	D	27	B
3	C	28	D
4	D	29	C
5	C	30	B
6	A	31	B
7	C	32	A
8	B	33	B
9	C	34	C
10	B	35	D
11	A	36	B
12	B	37	C
13	D	38	D
14	B	39	C
15	D	40	A
16	B	41	D
17	C	42	A
18	B	43	C
19	D	44	D
20	A	45	A
21	B	46	C
22	D	47	B
23	B	48	A
24	B	49	B
25	B	50	D

PART-II (YOGA SCIENCES-14)

Question No.	Answer	Question No.	Answer
51	C	76	D
52	C	77	B
53	C	78	C
54	B	79	A
55	B	80	D
56	D	81	D
57	A	82	B
58	D	83	C
59	B	84	D
60	C	85	B
61	B	86	D
62	C	87	A
63	A	88	C
64	D	89	A
65	D	90	B
66	D	91	C
67	B	92	B
68	B	93	D
69	B	94	A
70	C	95	C
71	A	96	A
72	B	97	A
73	C	98	D
74	B	99	C
75	A	100	A

