

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./2022-60

Date: July 12, 2022

Notice Regarding Ph.D. Entrance Examination (Ph.D. E. E.) July 2022

The **answer keys** for the following subjects of Ph.D. Entrance Examination (July 10, 2022) are hereby uploaded on the University website (www.srhu.edu.in):

Sr.No	Subject	Pages	
		From	To
1	Biochemistry (Code-1)	1	4
2	Biotechnology (Code-02)	5	8
3	Immunology (Code-06)	9	12
4	Management(Finance/Human Resource/Marketing) (Code-07)	13	16
5	Medical Physics (Code-08)	17	20
6	Microbiology (Code-09)	21	24
7	Oncological Sciences (Code-11)	25	28
8	Yoga Sciences (Code-14)	29	32

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 **13th July, 2022 (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	B	27	A
3	C	28	C
4	C	29	D
5	A	30	B
6	A	31	D
7	C	32	B
8	A	33	A
9	D	34	C
10	A	35	B
11	B	36	A
12	C	37	C
13	D	38	D
14	A	39	D
15	B	40	A
16	C	41	D
17	B	42	B
18	A	43	A
19	D	44	C
20	B	45	C
21	A	46	D
22	D	47	B
23	B	48	D
24	C	49	B
25	A	50	A

PART-II (BIOCHEMISTRY-01)

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

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

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

PART-II (BIOCHEMISTRY-01)

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

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	B	27	A
3	C	28	C
4	C	29	D
5	A	30	B
6	A	31	D
7	C	32	B
8	A	33	A
9	D	34	C
10	A	35	B
11	B	36	A
12	C	37	C
13	D	38	D
14	A	39	D
15	B	40	A
16	C	41	D
17	B	42	B
18	A	43	A
19	D	44	C
20	B	45	C
21	A	46	D
22	D	47	B
23	B	48	D
24	C	49	B
25	A	50	A

PART-II (BIOTECHNOLOGY-02)

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

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

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

PART-II (BIOTECHNOLOGY-02)

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

P.H.D.E.E- IMMUNOLOGY (06) (SET -A)**ANSWER KEY****PART-I (RESEARCH METHODOLOGY)**

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

PART-II (IMMUNOLOGY -06)

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

P.H.D.E.E- IMMUNOLOGY (06) (SET -B)**ANSWER KEY****PART-I (RESEARCH METHODOLOGY)**

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

PART-II (IMMUNOLOGY -06)

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

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	B	27	A
3	C	28	C
4	C	29	D
5	A	30	B
6	A	31	D
7	C	32	B
8	A	33	A
9	D	34	C
10	A	35	B
11	B	36	A
12	C	37	C
13	D	38	D
14	A	39	D
15	B	40	A
16	C	41	D
17	B	42	B
18	A	43	A
19	D	44	C
20	B	45	C
21	A	46	D
22	D	47	B
23	B	48	D
24	C	49	B
25	A	50	A

PART-II (MANAGEMENT-07)

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

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

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

PART-II MANAGEMENT-07

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

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	B	27	A
3	C	28	C
4	C	29	D
5	A	30	B
6	A	31	D
7	C	32	B
8	A	33	A
9	D	34	C
10	A	35	B
11	B	36	A
12	C	37	C
13	D	38	D
14	A	39	D
15	B	40	A
16	C	41	D
17	B	42	B
18	A	43	A
19	D	44	C
20	B	45	C
21	A	46	D
22	D	47	B
23	B	48	D
24	C	49	B
25	A	50	A

PART-II (MEDICAL PHYSICS-08)

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

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	A
2	C	27	C
3	D	28	D
4	A	29	D
5	B	30	A
6	C	31	D
7	B	32	B
8	A	33	A
9	D	34	C
10	B	35	C
11	A	36	D
12	D	37	B
13	B	38	D
14	C	39	B
15	A	40	A
16	B	41	D
17	A	42	B
18	C	43	C
19	D	44	C
20	B	45	A
21	D	46	A
22	B	47	C
23	A	48	A
24	C	49	D
25	B	50	A

PART-II MEDICAL PHYSICS-08

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

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	B	27	A
3	C	28	C
4	C	29	D
5	A	30	B
6	A	31	D
7	C	32	B
8	A	33	A
9	D	34	C
10	A	35	B
11	B	36	A
12	C	37	C
13	D	38	D
14	A	39	D
15	B	40	A
16	C	41	D
17	B	42	B
18	A	43	A
19	D	44	C
20	B	45	C
21	A	46	D
22	D	47	B
23	B	48	D
24	C	49	B
25	A	50	A

PART-II (MICROBIOLOGY-09)

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

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

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

PART-II (MICROBIOLOGY-09)

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

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	B	27	A
3	C	28	C
4	C	29	D
5	A	30	B
6	A	31	D
7	C	32	B
8	A	33	A
9	D	34	C
10	A	35	B
11	B	36	A
12	C	37	C
13	D	38	D
14	A	39	D
15	B	40	A
16	C	41	D
17	B	42	B
18	A	43	A
19	D	44	C
20	B	45	C
21	A	46	D
22	D	47	B
23	B	48	D
24	C	49	B
25	A	50	A

PART-II (ONCOLOGICAL SCIENCES-11)

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

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	A
2	C	27	C
3	D	28	D
4	A	29	D
5	B	30	A
6	C	31	D
7	B	32	B
8	A	33	A
9	D	34	C
10	B	35	C
11	A	36	D
12	D	37	B
13	B	38	D
14	C	39	B
15	A	40	A
16	B	41	D
17	A	42	B
18	C	43	C
19	D	44	C
20	B	45	A
21	D	46	A
22	B	47	C
23	A	48	A
24	C	49	D
25	B	50	A

PART-II (ONCOLOGICAL SCIENCES-11)

Question No.	Answer	Question No.	Answer
51	D	76	D
52	B	77	A
53	A	78	C
54	D	79	A
55	D	80	C
56	A	81	B
57	C	82	A
58	B	83	A
59	D	84	C
60	C	85	B
61	D	86	B
62	C	87	B
63	D	88	C
64	A	89	D
65	B	90	C
66	A	91	B
67	D	92	D
68	A	93	C
69	A	94	D
70	C	95	A
71	D	96	A
72	A	97	B
73	A	98	C
74	B	99	D
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	B	27	A
3	C	28	C
4	C	29	D
5	A	30	B
6	A	31	D
7	C	32	B
8	A	33	A
9	D	34	C
10	A	35	B
11	B	36	A
12	C	37	C
13	D	38	D
14	A	39	D
15	B	40	A
16	C	41	D
17	B	42	B
18	A	43	A
19	D	44	C
20	B	45	C
21	A	46	D
22	D	47	B
23	B	48	D
24	C	49	B
25	A	50	A

PART-II (YOGA SCIENCES-14)

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

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	A
2	C	27	C
3	D	28	D
4	A	29	D
5	B	30	A
6	C	31	D
7	B	32	B
8	A	33	A
9	D	34	C
10	B	35	C
11	A	36	D
12	D	37	B
13	B	38	D
14	C	39	B
15	A	40	A
16	B	41	D
17	A	42	B
18	C	43	C
19	D	44	C
20	B	45	A
21	D	46	A
22	B	47	C
23	A	48	A
24	C	49	D
25	B	50	A

PART-II (YOGA SCIENCES-14)

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