



कुमाऊँ विश्वविद्यालय, नैनीताल-263001(उत्तराखण्ड)  
KUMAUN UNIVERSITY, NAINITAL-263001(UTTARAKHAND)  
Sponsored Research and Industrial Consultancy Cell(SRICC)

Office: 05942-235213, Fax: 05942 -235213, E-mail: sriccku@gmail.com

पत्रांक – पी-एच0डी0प्र0परीक्षा / Key / 2018 / 3299

दिनांक – 10 अप्रैल, 2018

### अतिआवश्यक सूचना

पी-एच0डी0 प्रवेश परीक्षा 2018 जो दिनांक 01 अप्रैल, 2018 को सम्पन्न हुई थी, में सम्मिलित अभ्यर्थियों को सूचित किया जाता है कि प्रवेश परीक्षा के सभी विषयों की उत्तर कुँजी (Answer Key) विश्वविद्यालय की वेबसाइट पर प्रदर्शित की जा रही है। अगर किसी अभ्यर्थी को उत्तर कुँजी (Answer Key) पर आपत्ति हो तो वह पर्याप्त प्रमाण के साथ (प्रतियोगी पुस्तकों तथा Website/Internet sources को छोड़कर) अपनी आपत्ति दिनांक 25 अप्रैल, 2018 तक e-mail address - phdentrancekuntl@gmail.com अथवा स्पीड पोस्ट से "निदेशक, Sponsored Research & Industrial Consultancy Cell, कुमाऊँ विश्वविद्यालय नैनीताल" को प्रेषित कर सकते हैं। उपर्युक्त तिथि के उपरान्त प्राप्त प्रत्यावेदनों पर विचार करना सम्भव नहीं होगा।

प्रो० ( राजीव उपाध्याय )  
निदेशक

Sponsored Research & Industrial Consultancy Cell  
कुमाऊँ विश्वविद्यालय नैनीताल

**कमशः संलग्न सूचना परीक्षा पृष्ठ '2' से पृष्ठ '30' तक सभी विषयों की Ph.D.  
Entrance Examination 2018 ANSWER KEYS**

Kumaun University Nainital  
(Sponsored Research & Industrial Consultancy Cell)  
Ph.D. Entrance Exam. 2018 ANSWER KEYS  
Subject - Hindi, Subject Code - 01

Question No.	Correct Answer	Question No.	Correct Answer	Question No.	Correct Answer	Question No.	Correct Answer
01	c	26	c	51	d	76	a
02	a	27	c	52	b	77	b
03	c	28	b	53	a	78	b
04	a	29	b	54	b	79	a
05	b	30	a	55	b	80	c
06	b	31	a	56	c	81	b
07	c	32	b	57	b	82	c
08	d	33	b	58	a	83	d
09	d	34	c	59	a	84	a
10	d	35	b	60	d	85	d
11	a	36	c	61	b	86	a
12	c	37	d	62	c	87	a
13	c	38	b	63	d	88	b
14	c	39	c	64	d	89	c
15	d	40	c	65	b	90	a
16	d	41	a	66	b	91	c
17	b	42	c	67	a	92	d
18	b	43	c	68	b	93	c
19	b	44	a	69	b	94	b
20	a	45	a	70	c	95	a
21	d	46	b	71	c	96	b
22	d	47	b	72	b	97	d
23	d	48	a	73	c	98	b
24	a	49	b	74	a	99	a
25	a	50	d	75	c	100	a

Kumaun University Nainital  
(Sponsored Research & Industrial Consultancy Cell)  
Ph.D. Entrance Exam. 2018 ANSWER KEYS  
Subject - Sanskrit, Subject Code - 02

Question No.	Correct Answer	Question No.	Correct Answer	Question No.	Correct Answer	Question No.	Correct Answer
01	a	26	d	51	b	76	d
02	b	27	a	52	b	77	d
03	d	28	a	53	c	78	b
04	b	29	b	54	b	79	a
05	d	30	d	55	b	80	d
06	a	31	c	56	d	81	b
07	c	32	d	57	b	82	c
08	a	33	a	58	a	83	a
09	c	34	a	59	b	84	c
10	d	35	c	60	a	85	c
11	b	36	c	61	c	86	a
12	c	37	c	62	a	87	a
13	d	38	c	63	c	88	a
14	b	39	b	64	d	89	a
15	c	40	d	65	b	90	a
16	a	41	b	66	a	91	c
17	c	42	a	67	d	92	c
18	d	43	c	68	d	93	a
19	b	44	d	69	b	94	b
20	d	45	c	70	d	95	d
21	c	46	a	71	d	96	c
22	d	47	c	72	c	97	a
23	a	48	b	73	b	98	b
24	b	49	a	74	c	99	c
25	a	50	b	75	b	100	b

Kumaun University Nainital  
(Sponsored Research & Industrial Consultancy Cell)  
Ph.D. Entrance Exam. 2018 ANSWER KEYS  
Subject - English, Subject Code - 03

Question No.	Correct Answer	Question No.	Correct Answer	Question No.	Correct Answer	Question No.	Correct Answer
01	b	26	d	51	d	76	b
02	c	27	b	52	a	77	a
03	c	28	a	53	d	78	d
04	a	29	a	54	a	79	a
05	b	30	a	55	b	80	b
06	a	31	d	56	d	81	a
07	b	32	d	57	b	82	a
08	c	33	c	58	d	83	d
09	d	34	b	59	b	84	c
10	b	35	b	60	d	85	a
11	d	36	d	61	a	86	d
12	a	37	a	62	c	87	b
13	b	38	c	63	c	88	b
14	c	39	b	64	b	89	c
15	b	40	d	65	d	90	b
16	c	41	a	66	a	91	a
17	c	42	a	67	d	92	b
18	d	43	c	68	b	93	a
19	c	44	a	69	d	94	b
20	b	45	c	70	a	95	b
21	d	46	b	71	b	96	c
22	c	47	d	72	c	97	a
23	d	48	c	73	d	98	b
24	b	49	c	74	a	99	d
25	a	50	a	75	b	100	b

Kumaun University Nainital  
(Sponsored Research & Industrial Consultancy Cell)  
Ph.D. Entrance Exam. 2018 ANSWER KEYS  
Subject - Political Science, Subject Code - 04

Question No.	Correct Answer	Question No.	Correct Answer	Question No.	Correct Answer	Question No.	Correct Answer
01	c	26	b	51	c	76	d
02	b	27	d	52	d	77	d
03	a	28	c	53	d	78	c
04	d	29	b	54	b	79	b
05	a	30	a	55	a	80	a
06	a	31	a	56	d	81	c
07	b	32	a	57	b	82	d
08	c	33	a	58	b	83	d
09	d	34	d	59	a	84	a
10	c	35	a	60	c	85	a
11	c	36	c	61	a	86	c
12	d	37	c	62	d	87	a
13	a	38	b	63	c	88	d
14	d	39	d	64	b	89	a
15	d	40	a	65	a	90	d
16	b	41	b	66	c	91	c
17	a	42	a	67	d	92	c
18	c	43	b	68	c	93	a
19	d	44	d	69	b	94	b
20	b	45	c	70	d	95	d
21	d	46	d	71	a	96	c
22	b	47	b	72	c	97	b
23	c	48	d	73	c	98	b
24	b	49	c	74	a	99	c
25	d	50	a	75	b	100	c

Kumaun University Nainital  
(Sponsored Research & Industrial Consultancy Cell)  
Ph.D. Entrance Exam. 2018 ANSWER KEYS  
Subject - Geography, Subject Code - 05

Question No.	Correct Answer	Question No.	Correct Answer	Question No.	Correct Answer	Question No.	Correct Answer
01	a	26	c	51	a	76	c
02	b	27	a	52	a	77	b
03	d	28	b	53	c	78	a
04	c	29	a	54	a	79	b
05	a	30	b	55	b	80	d
06	b	31	d	56	c	81	c
07	a	32	a	57	a	82	a
08	c	33	c	58	c	83	c
09	d	34	a	59	b	84	d
10	b	35	d	60	c	85	a
11	c	36	c	61	b	86	d
12	d	37	a	62	b	87	b
13	b	38	c	63	c	88	a
14	c	39	d	64	d	89	a
15	c	40	d	65	a	90	d
16	d	41	a	66	c	91	a
17	d	42	b	67	b	92	a
18	c	43	d	68	c	93	d
19	d	44	d	69	d	94	c
20	c	45	c	70	c	95	b
21	d	46	b	71	d	96	a
22	b	47	b	72	a	97	c
23	c	48	c	73	c	98	b
24	a	49	b	74	a	99	a
25	c	50	c	75	d	100	d

Kumaun University Nainital  
(Sponsored Research & Industrial Consultancy Cell)  
Ph.D. Entrance Exam. 2018 ANSWER KEYS  
Subject - History, Subject Code - 06

Question No.	Correct Answer	Question No.	Correct Answer	Question No.	Correct Answer	Question No.	Correct Answer
01	d	26	b	51	a	76	c
02	c	27	a	52	d	77	d
03	c	28	d	53	a	78	d
04	a	29	c	54	b	79	a
05	c	30	d	55	b	80	b
06	a	31	a	56	c	81	b
07	b	32	b	57	a	82	a
08	b	33	c	58	c	83	b
09	c	34	d	59	b	84	d
10	a	35	c	60	d	85	b
11	b	36	c	61	b	86	a
12	d	37	a	62	a	87	c
13	d	38	b	63	d	88	d
14	a	39	a	64	c	89	c
15	b	40	b	65	b	90	b
16	a	41	c	66	a	91	a
17	c	42	a	67	c	92	d
18	b	43	c	68	c	93	b
19	d	44	d	69	d	94	b
20	a	45	c	70	b	95	d
21	a	46	d	71	d	96	a
22	b	47	c	72	a	97	a
23	c	48	d	73	c	98	b
24	a	49	a	74	d	99	c
25	d	50	b	75	b	100	a

Kumaun University Nainital  
(Sponsored Research & Industrial Consultancy Cell)  
Ph.D. Entrance Exam. 2018 ANSWER KEYS  
Subject - Economics, Subject Code - 07

Question No.	Correct Answer	Question No.	Correct Answer	Question No.	Correct Answer	Question No.	Correct Answer
01	c	26	d	51	d	76	a
02	a	27	c	52	b	77	c
03	c	28	b	53	a	78	b
04	c	29	a	54	c	79	d
05	d	30	d	55	a	80	a
06	c	31	d	56	b	81	a
07	c	32	a	57	a	82	b
08	c	33	b	58	a	83	d
09	c	34	b	59	b	84	d
10	b	35	d	60	d	85	c
11	a	36	c	61	c	86	b
12	b	37	b	62	c	87	a
13	d	38	b	63	b	88	a
14	b	39	a	64	c	89	b
15	a	40	c	65	a	90	c
16	c	41	c	66	d	91	a
17	a	42	a	67	a	92	d
18	b	43	d	68	d	93	c
19	d	44	a	69	d	94	a
20	b	45	b	70	a	95	c
21	c	46	b	71	a	96	a
22	a	47	d	72	c	97	c
23	a	48	b	73	d	98	b
24	c	49	b	74	d	99	b
25	a	50	c	75	d	100	c



Kumaun University Nainital  
(Sponsored Research & Industrial Consultancy Cell)  
Ph.D. Entrance Exam. 2018 ANSWER KEYS  
Subject - Sociology, Subject Code - 08

Question No.	Correct Answer	Question No.	Correct Answer	Question No.	Correct Answer	Question No.	Correct Answer
01	b	26	a	51	a	76	b
02	c	27	d	52	c	77	a
03	a	28	d	53	d	78	c
04	c	29	a	54	a	79	a
05	a	30	b	55	a	80	a
06	c	31	a	56	b	81	c
07	a	32	d	57	d	82	b
08	c	33	d	58	b	83	d
09	c	34	b	59	a	84	b
10	d	35	c	60	a	85	d
11	a	36	d	61	d	86	b
12	b	37	b	62	b	87	a
13	c	38	d	63	d	88	d
14	b	39	c	64	b	89	a
15	d	40	d	65	b	90	b
16	b	41	d	66	b	91	a
17	c	42	c	67	a	92	d
18	b	43	c	68	b	93	a
19	b	44	c	69	d	94	a
20	d	45	a	70	b	95	d
21	a	46	a	71	c	96	c
22	a	47	c	72	a	97	c
23	c	48	a	73	c	98	b
24	b	49	c	74	a	99	c
25	b	50	c	75	c	100	b

Kumaun University Nainital  
(Sponsored Research & Industrial Consultancy Cell)  
Ph.D. Entrance Exam. 2018 ANSWER KEYS  
Subject - Psychology, Subject Code - 09

Question No.	Correct Answer	Question No.	Correct Answer	Question No.	Correct Answer	Question No.	Correct Answer
01	d	26	b	51	c	76	c
02	c	27	d	52	c	77	c
03	a	28	a	53	a	78	b
04	b	29	b	54	a	79	a
05	c	30	a	55	b	80	b
06	c	31	a	56	c	81	b
07	a	32	d	57	d	82	d
08	b	33	b	58	d	83	b
09	d	34	c	59	a	84	c
10	b	35	a	60	c	85	c
11	c	36	a	61	a	86	a
12	a	37	c	62	b	87	d
13	d	38	b	63	d	88	a
14	c	39	c	64	c	89	c
15	b	40	d	65	b	90	d
16	c	41	b	66	c	91	d
17	a	42	b	67	c	92	c
18	d	43	c	68	d	93	a
19	b	44	d	69	c	94	d
20	c	45	b	70	a	95	c
21	b	46	a	71	a	96	b
22	c	47	a	72	d	97	b
23	d	48	c	73	b	98	d
24	c	49	a	74	c	99	a
25	b	50	b	75	d	100	c

Kumaun University Nainital  
(Sponsored Research & Industrial Consultancy Cell)  
Ph.D. Entrance Exam. 2018 ANSWER KEYS  
Subject - Home Science, Subject Code - 10

Question No.	Correct Answer	Question No.	Correct Answer	Question No.	Correct Answer	Question No.	Correct Answer
01	d	26	b	51	d	76	c
02	b	27	a	52	a	77	b
03	d	28	c	53	d	78	b
04	c	29	b	54	c	79	c
05	a	30	c	55	c	80	a
06	a	31	c	56	c	81	b
07	c	32	b	57	d	82	d
08	b	33	d	58	c	83	c
09	d	34	d	59	a	84	b
10	d	35	b	60	b	85	a
11	a	36	d	61	a	86	d
12	c	37	c	62	a	87	b
13	c	38	d	63	d	88	a
14	b	39	a	64	c	89	a
15	d	40	c	65	a	90	b
16	a	41	b	66	d	91	a
17	b	42	b	67	c	92	a
18	c	43	a	68	b	93	b
19	c	44	b	69	c	94	b
20	b	45	d	70	a	95	b
21	d	46	b	71	d	96	c
22	a	47	c	72	b	97	b
23	a	48	c	73	a	98	a
24	b	49	a	74	b	99	b
25	b	50	d	75	d	100	c

Kumaun University Nainital  
(Sponsored Research & Industrial Consultancy Cell)  
Ph.D. Entrance Exam. 2018 ANSWER KEYS  
Subject - Music, Subject Code - 11

Question No.	Correct Answer	Question No.	Correct Answer	Question No.	Correct Answer	Question No.	Correct Answer
01	d	26	c	51	c	76	d
02	c	27	a	52	b	77	d
03	d	28	a	53	c	78	d
04	b	29	c	54	a	79	d
05	a	30	a	55	b	80	c
06	d	31	a	56	d	81	c
07	c	32	a	57	b	82	b
08	d	33	b	58	d	83	c
09	a	34	a	59	b	84	b
10	c	35	c	60	c	85	c
11	a	36	a	61	c	86	c
12	b	37	c	62	c	87	d
13	c	38	d	63	d	88	b
14	a	39	b	64	d	89	c
15	d	40	d	65	a	90	d
16	a	41	c	66	b	91	d
17	c	42	d	67	a	92	c
18	a	43	d	68	a	93	b
19	c	44	b	69	d	94	d
20	b	45	c	70	c	95	d
21	a	46	c	71	d	96	a
22	c	47	b	72	c	97	d
23	b	48	b	73	a	98	c
24	d	49	d	74	c	99	a
25	a	50	c	75	a	100	c

Kumaun University Nainital  
(Sponsored Research & Industrial Consultancy Cell)  
Ph.D. Entrance Exam. 2018 ANSWER KEYS  
Subject - Physics, Subject Code - 12

Question No.	Correct Answer	Question No.	Correct Answer	Question No.	Correct Answer	Question No.	Correct Answer
01	d	26	c	51	c	76	d
02	a	27	a	52	d	77	b
03	c	28	d	53	c	78	a
04	a	29	c	54	b	79	c
05	d	30	d	55	c	80	b
06	c	31	b	56	b	81	d
07	b	32	d	57	b	82	b
08	a	33	b	58	c	83	c
09	c	34	c	59	d	84	c
10	b	35	b	60	d	85	a
11	a	36	c	61	c	86	c
12	d	37	a	62	c	87	b
13	a	38	b	63	b	88	b
14	a	39	c	64	a	89	d
15	d	40	b	65	b	90	c
16	d	41	b	66	b	91	d
17	a	42	a	67	b	92	b
18	a	43	d	68	c	93	b
19	c	44	b	69	d	94	d
20	a	45	d	70	d	95	d
21	a	46	d	71	c	96	b
22	c	47	c	72	c	97	c
23	b	48	d	73	a	98	b
24	c	49	c	74	b	99	c
25	d	50	d	75	a	100	d

Kumaun University Nainital  
(Sponsored Research & Industrial Consultancy Cell)  
Ph.D. Entrance Exam. 2018 ANSWER KEYS  
Subject - Chemistry, Subject Code - 13

Question No.	Correct Answer	Question No.	Correct Answer	Question No.	Correct Answer	Question No.	Correct Answer
01	b	26	b	51	b	76	b
02	c	27	b	52	b	77	c
03	b	28	d	53	c	78	b
04	c	29	c	54	a	79	a
05	a	30	b	55	d	80	b
06	a	31	c	56	d	81	b
07	b	32	b	57	b	82	d
08	d	33	d	58	a	83	c
09	c	34	d	59	d	84	b
10	d	35	d	60	b	85	d
11	c	36	b	61	d	86	a
12	b	37	b	62	c	87	b
13	d	38	d	63	b	88	b
14	b	39	a	64	d	89	d
15	c	40	b	65	a	90	a
16	d	41	c	66	c	91	a
17	a	42	a	67	c	92	d
18	c	43	c	68	a	93	a
19	d	44	b	69	a	94	d
20	a	45	a	70	a	95	d
21	c	46	b	71	a	96	a
22	b	47	c	72	d	97	d
23	a	48	a	73	c	98	a
24	c	49	d	74	b	99	d
25	a	50	c	75	b	100	d

Kumaun University Nainital  
(Sponsored Research & Industrial Consultancy Cell)  
Ph.D. Entrance Exam. 2018 ANSWER KEYS  
Subject - Mathematics, Subject Code - 14

Question No.	Correct Answer	Question No.	Correct Answer	Question No.	Correct Answer	Question No.	Correct Answer
01	a	26	c	51	a	76	a
02	a	27	b	52	d	77	a
03	b	28	c	53	b	78	c
04	b	29	c	54	d	79	a
05	b	30	b	55	b	80	d
06	a	31	a	56	c	81	a
07	d	32	c	57	c	82	b
08	a	33	c	58	a	83	a
09	a	34	b	59	b	84	b
10	a	35	a	60	c	85	a
11	c	36	b	61	c	86	b
12	d	37	a	62	b	87	a
13	c	38	d	63	d	88	c
14	b	39	d	64	a	89	a
15	b	40	a	65	b	90	b
16	a	41	a	66	c	91	a
17	b	42	a	67	a	92	b
18	b	43	d	68	b	93	a
19	c	44	b	69	a	94	c
20	b	45	b	70	c	95	a
21	c	46	c	71	b	96	a
22	d	47	a	72	c	97	a
23	d	48	b	73	c	98	a
24	b	49	b	74	c	99	b
25	d	50	d	75	c	100	a

Kumaun University Nainital  
(Sponsored Research & Industrial Consultancy Cell)  
Ph.D. Entrance Exam. 2018 ANSWER KEYS  
Subject - Botany, Subject Code - 15

Question No.	Correct Answer	Question No.	Correct Answer	Question No.	Correct Answer	Question No.	Correct Answer
01	c	26	d	51	c	76	a
02	c	27	d	52	b	77	d
03	a	28	c	53	c	78	a
04	d	29	d	54	a	79	d
05	a	30	b	55	d	80	a
06	d	31	a	56	b	81	c
07	d	32	a	57	a	82	a
08	c	33	c	58	b	83	b
09	d	34	a	59	c	84	a
10	b	35	b	60	b	85	b
11	b	36	b	61	d	86	d
12	c	37	c	62	c	87	d
13	b	38	a	63	a	88	a
14	c	39	a	64	b	89	c
15	b	40	c	65	a	90	b
16	a	41	c	66	b	91	d
17	a	42	d	67	b	92	b
18	c	43	d	68	b	93	a
19	c	44	a	69	b	94	c
20	b	45	d	70	a	95	a
21	b	46	c	71	a	96	a
22	c	47	b	72	a	97	c
23	b	48	a	73	d	98	b
24	b	49	b	74	a	99	b
25	c	50	d	75	b	100	d



Kumaun University Nainital  
(Sponsored Research & Industrial Consultancy Cell)  
Ph.D. Entrance Exam. 2018 ANSWER KEYS  
Subject - Zoology, Subject Code - 16

Question No.	Correct Answer	Question No.	Correct Answer	Question No.	Correct Answer	Question No.	Correct Answer
01	c	26	a	51	d	76	a
02	c	27	a	52	c	77	a
03	d	28	b	53	c	78	d
04	d	29	b	54	c	79	d
05	a	30	d	55	c	80	d
06	a	31	a	56	b	81	a
07	b	32	c	57	c	82	c
08	d	33	d	58	d	83	d
09	d	34	b	59	a	84	a
10	c	35	c	60	c	85	a
11	b	36	a	61	c	86	a
12	a	37	d	62	b	87	b
13	b	38	b	63	d	88	c
14	c	39	a	64	c	89	a
15	a	40	b	65	c	90	d
16	b	41	c	66	b	91	d
17	d	42	d	67	a	92	a
18	d	43	a	68	d	93	a
19	a	44	c	69	b	94	b
20	c	45	d	70	a	95	c
21	a	46	a	71	d	96	b
22	d	47	c	72	c	97	a
23	d	48	c	73	b	98	a
24	c	49	a	74	d	99	b
25	a	50	a	75	b	100	b

Kumaun University Nainital  
(Sponsored Research & Industrial Consultancy Cell)  
Ph.D. Entrance Exam. 2018 ANSWER KEYS  
Subject - Biotechnology, Subject Code - 17

Question No.	Correct Answer	Question No.	Correct Answer	Question No.	Correct Answer	Question No.	Correct Answer
01	a	26	a	51	d	76	b
02	b	27	b	52	a	77	c
03	c	28	d	53	d	78	a
04	d	29	b	54	b	79	b
05	b	30	d	55	d	80	d
06	a	31	a	56	a	81	b
07	b	32	b	57	d	82	c
08	a	33	d	58	c	83	d
09	b	34	a	59	d	84	c
10	c	35	b	60	a	85	d
11	d	36	c	61	b	86	c
12	c	37	b	62	d	87	d
13	d	38	d	63	a	88	a
14	c	39	c	64	c	89	d
15	a	40	b	65	b	90	a
16	d	41	c	66	d	91	b
17	c	42	b	67	c	92	d
18	d	43	c	68	d	93	b
19	c	44	b	69	b	94	d
20	d	45	d	70	d	95	a
21	b	46	a	71	b	96	b
22	a	47	c	72	c	97	c
23	b	48	b	73	d	98	a
24	c	49	d	74	c	99	b
25	b	50	a	75	d	100	a

Kumaun University Nainital  
(Sponsored Research & Industrial Consultancy Cell)  
Ph.D. Entrance Exam. 2018 ANSWER KEYS  
Subject - Geology, Subject Code - 18

Question No.	Correct Answer	Question No.	Correct Answer	Question No.	Correct Answer	Question No.	Correct Answer
01	a	26	b	51	b	76	d
02	b	27	d	52	b	77	b
03	a	28	d	53	d	78	b
04	a	29	d	54	b	79	c
05	a	30	c	55	c	80	c
06	c	31	c	56	c	81	a
07	c	32	b	57	c	82	b
08	c	33	b	58	a	83	c
09	c	34	c	59	c	84	d
10	c	35	d	60	d	85	c
11	a	36	a	61	c	86	b
12	d	37	a	62	c	87	c
13	c	38	b	63	a	88	b
14	d	39	d	64	b	89	d
15	d	40	a	65	c	90	c
16	c	41	a	66	b	91	d
17	d	42	d	67	b	92	a
18	c	43	b	68	b	93	b
19	a	44	c	69	c	94	a
20	b	45	b	70	c	95	c
21	a	46	c	71	d	96	d
22	c	47	d	72	c	97	b
23	d	48	d	73	a	98	b
24	c	49	c	74	d	99	c
25	a	50	c	75	c	100	d

Kumaun University Nainital  
(Sponsored Research & Industrial Consultancy Cell)

Ph.D. Entrance Exam. 2018 ANSWER KEYS

Subject - Forestry & Environmental Science, Subject Code - 19

Question No.	Correct Answer	Question No.	Correct Answer	Question No.	Correct Answer	Question No.	Correct Answer
01	a	26	b	51	c	76	b
02	b	27	d	52	d	77	d
03	a	28	b	53	a	78	a
04	d	29	c	54	d	79	a
05	d	30	c	55	d	80	d
06	b	31	b	56	d	81	a
07	c	32	c	57	d	82	b
08	d	33	c	58	b	83	d
09	c	34	b	59	c	84	c
10	d	35	a	60	c	85	a
11	c	36	a	61	b	86	d
12	c	37	c	62	a	87	c
13	a	38	b	63	c	88	c
14	b	39	a	64	b	89	b
15	d	40	a	65	d	90	d
16	c	41	b	66	c	91	b
17	a	42	d	67	a	92	c
18	b	43	c	68	c	93	b
19	d	44	a	69	a	94	b
20	d	45	a	70	b	95	b
21	a	46	c	71	a	96	d
22	a	47	b	72	a	97	b
23	d	48	a	73	a	98	b
24	d	49	c	74	c	99	c
25	a	50	b	75	b	100	c

Kumaun University Nainital  
(Sponsored Research & Industrial Consultancy Cell)  
Ph.D. Entrance Exam. 2018 ANSWER KEYS  
Subject - Statistics, Subject Code - 20

Question No.	Correct Answer	Question No.	Correct Answer	Question No.	Correct Answer	Question No.	Correct Answer
01	a	26	a	51	c	76	b
02	c	27	b	52	a	77	d
03	b	28	d	53	c	78	b
04	a	29	c	54	b	79	a
05	d	30	b	55	d	80	b
06	c	31	c	56	d	81	a
07	a	32	b	57	d	82	c
08	c	33	c	58	b	83	a
09	b	34	b	59	b	84	b
10	d	35	a	60	b	85	c
11	d	36	a	61	c	86	b
12	c	37	c	62	c	87	c
13	a	38	d	63	c	88	a
14	d	39	c	64	b	89	b
15	b	40	b	65	a	90	b
16	a	41	d	66	a	91	c
17	c	42	b	67	c	92	d
18	c	43	d	68	b	93	c
19	c	44	a	69	d	94	d
20	b	45	b	70	a	95	d
21	b	46	a	71	b	96	c
22	d	47	a	72	b	97	b
23	c	48	c	73	b	98	d
24	b	49	b	74	a	99	b
25	b	50	c	75	d	100	b

Kumaun University Nainital  
(Sponsored Research & Industrial Consultancy Cell)  
Ph.D. Entrance Exam. 2018 ANSWER KEYS  
Subject - Computer Science, Subject Code - 21

Question No.	Correct Answer	Question No.	Correct Answer	Question No.	Correct Answer	Question No.	Correct Answer
01	c	26	d	51	a	76	a
02	d	27	b	52	d	77	b
03	a	28	c	53	d	78	c
04	d	29	a	54	b	79	a
05	a	30	a	55	c	80	d
06	c	31	c	56	b	81	b
07	d	32	c	57	c	82	a
08	b	33	c	58	b	83	a
09	a	34	b	59	a	84	a
10	a	35	b	60	b	85	d
11	b	36	d	61	c	86	d
12	a	37	a	62	a	87	d
13	d	38	b	63	b	88	b
14	c	39	d	64	b	89	c
15	d	40	a	65	a	90	a
16	c	41	b	66	c	91	d
17	a	42	c	67	b	92	b
18	c	43	c	68	c	93	c
19	b	44	a	69	d	94	d
20	c	45	d	70	a	95	d
21	c	46	c	71	a	96	b
22	d	47	a	72	c	97	b
23	d	48	c	73	c	98	c
24	c	49	a	74	d	99	b
25	a	50	d	75	c	100	d

Kumaun University Nainital  
(Sponsored Research & Industrial Consultancy Cell)  
Ph.D. Entrance Exam. 2018 ANSWER KEYS  
Subject - Information Technology, Subject Code - 22

Question No.	Correct Answer	Question No.	Correct Answer	Question No.	Correct Answer	Question No.	Correct Answer
01	b	26	a	51	a	76	c
02	a	27	c	52	d	77	b
03	a	28	b	53	c	78	b
04	a	29	a	54	a	79	b
05	b	30	d	55	d	80	c
06	b	31	a	56	b	81	b
07	c	32	a	57	b	82	a
08	c	33	d	58	c	83	b
09	a	34	b	59	a	84	d
10	a	35	b	60	b	85	c
11	a	36	c	61	a	86	a
12	b	37	b	62	c	87	b
13	b	38	b	63	d	88	a
14	d	39	d	64	c	89	a
15	a	40	a	65	d	90	c
16	a	41	c	66	b	91	d
17	c	42	c	67	b	92	c
18	a	43	b	68	c	93	a
19	b	44	c	69	a	94	c
20	a	45	b	70	c	95	a
21	c	46	a	71	b	96	d
22	a	47	d	72	a	97	a
23	c	48	b	73	b	98	d
24	a	49	a	74	c	99	c
25	c	50	a	75	a	100	a

Kumaun University Nainital  
(Sponsored Research & Industrial Consultancy Cell)  
Ph.D. Entrance Exam. 2018 ANSWER KEYS  
Subject - Pharmaceutical Science, Subject Code - 23

Question No.	Correct Answer	Question No.	Correct Answer	Question No.	Correct Answer	Question No.	Correct Answer
01	c	26	c	51	b	76	b
02	c	27	a	52	a	77	b
03	c	28	c	53	a	78	b
04	a	29	b	54	d	79	d
05	d	30	c	55	a	80	b
06	b	31	b	56	c	81	b
07	a	32	d	57	b	82	d
08	b	33	c	58	a	83	c
09	d	34	b	59	d	84	c
10	d	35	d	60	c	85	a
11	d	36	b	61	c	86	b
12	a	37	a	62	a	87	a
13	b	38	a	63	d	88	b
14	c	39	a	64	d	89	b
15	b	40	c	65	d	90	c
16	c	41	d	66	b	91	b
17	c	42	b	67	b	92	b
18	b	43	b	68	a	93	a
19	c	44	b	69	d	94	a
20	d	45	b	70	a	95	d
21	c	46	a	71	b	96	b
22	c	47	c	72	a	97	d
23	c	48	a	73	d	98	c
24	b	49	a	74	c	99	c
25	d	50	c	75	c	100	d



Kumaun University Nainital  
(Sponsored Research & Industrial Consultancy Cell)  
Ph.D. Entrance Exam. 2018 ANSWER KEYS  
Subject - Commerce, Subject Code - 24

Question No.	Correct Answer	Question No.	Correct Answer	Question No.	Correct Answer	Question No.	Correct Answer
01	a	26	c	51	d	76	a
02	b	27	d	52	b	77	a
03	c	28	c	53	a	78	d
04	b	29	d	54	d	79	b
05	d	30	d	55	b	80	d
06	a	31	a	56	c	81	b
07	b	32	b	57	a	82	a
08	d	33	c	58	c	83	a
09	b	34	b	59	d	84	d
10	c	35	b	60	c	85	a
11	a	36	c	61	d	86	b
12	c	37	b	62	d	87	c
13	d	38	c	63	b	88	d
14	a	39	c	64	b	89	a
15	d	40	b	65	c	90	d
16	a	41	c	66	a	91	c
17	b	42	a	67	b	92	c
18	d	43	c	68	d	93	c
19	c	44	a	69	a	94	d
20	b	45	b	70	b	95	b
21	c	46	d	71	d	96	c
22	b	47	a	72	a	97	d
23	d	48	d	73	d	98	b
24	d	49	b	74	b	99	a
25	b	50	c	75	b	100	a

Kumaun University Nainital  
(Sponsored Research & Industrial Consultancy Cell)  
Ph.D. Entrance Exam. 2018 ANSWER KEYS  
Subject - Management, Subject Code - 25

Question No.	Correct Answer	Question No.	Correct Answer	Question No.	Correct Answer	Question No.	Correct Answer
01	d	26	d	51	c	76	c
02	d	27	d	52	d	77	c
03	a	28	b	53	b	78	d
04	b	29	c	54	a	79	a
05	c	30	b	55	c	80	d
06	a	31	c	56	a	81	b
07	b	32	d	57	d	82	a
08	a	33	a	58	c	83	a
09	d	34	b	59	b	84	b
10	b	35	c	60	a	85	c
11	d	36	d	61	a	86	d
12	b	37	d	62	d	87	b
13	d	38	d	63	a	88	a
14	c	39	c	64	d	89	b
15	b	40	a	65	a	90	c
16	d	41	d	66	a	91	b
17	b	42	c	67	a	92	a
18	c	43	c	68	d	93	c
19	b	44	c	69	c	94	a
20	c	45	d	70	d	95	c
21	b	46	a	71	c	96	c
22	d	47	c	72	a	97	c
23	c	48	a	73	b	98	d
24	c	49	c	74	d	99	c
25	b	50	a	75	b	100	a

Kumaun University Nainital  
(Sponsored Research & Industrial Consultancy Cell)  
Ph.D. Entrance Exam. 2018 ANSWER KEYS  
Subject - Tourism, Subject Code - 26

Question No.	Correct Answer	Question No.	Correct Answer	Question No.	Correct Answer	Question No.	Correct Answer
01	c	26	d	51	c	76	c
02	b	27	a	52	d	77	c
03	b	28	b	53	c	78	b
04	a	29	b	54	c	79	a
05	d	30	a	55	c	80	b
06	c	31	b	56	d	81	b
07	c	32	c	57	c	82	c
08	b	33	c	58	c	83	a
09	d	34	a	59	c	84	b
10	d	35	a	60	c	85	c
11	c	36	b	61	a	86	b
12	a	37	a	62	c	87	b
13	c	38	b	63	b	88	b
14	d	39	a	64	d	89	a
15	c	40	d	65	a	90	c
16	d	41	c	66	b	91	a
17	a	42	b	67	c	92	b
18	c	43	d	68	c	93	d
19	b	44	c	69	d	94	a
20	c	45	b	70	a	95	c
21	a	46	a	71	c	96	d
22	d	47	d	72	b	97	a
23	c	48	c	73	d	98	b
24	d	49	a	74	c	99	b
25	a	50	b	75	a	100	b

Kumaun University Nainital  
(Sponsored Research & Industrial Consultancy Cell)  
Ph.D. Entrance Exam. 2018 ANSWER KEYS  
Subject - Education, Subject Code - 27

Question No.	Correct Answer	Question No.	Correct Answer	Question No.	Correct Answer	Question No.	Correct Answer
01	d	26	d	51	a	76	a
02	b	27	c	52	d	77	c
03	c	28	c	53	b	78	c
04	c	29	d	54	c	79	c
05	b	30	d	55	c	80	a
06	a	31	a	56	d	81	a
07	c	32	d	57	b	82	d
08	d	33	a	58	c	83	a
09	a	34	a	59	c	84	d
10	c	35	b	60	d	85	b
11	b	36	d	61	d	86	c
12	c	37	b	62	c	87	c
13	a	38	d	63	a	88	c
14	d	39	a	64	c	89	a
15	d	40	c	65	a	90	c
16	b	41	c	66	d	91	b
17	d	42	c	67	a	92	c
18	a	43	a	68	a	93	d
19	b	44	c	69	a	94	a
20	b	45	b	70	b	95	b
21	a	46	c	71	b	96	b
22	a	47	d	72	a	97	c
23	d	48	d	73	d	98	a
24	d	49	a	74	b	99	d
25	a	50	a	75	b	100	d

Kumaun University Nainital  
(Sponsored Research & Industrial Consultancy Cell)  
Ph.D. Entrance Exam. 2018 ANSWER KEYS  
Subject - Law, Subject Code - 28

Question No.	Correct Answer	Question No.	Correct Answer	Question No.	Correct Answer	Question No.	Correct Answer
01	c	26	b	51	d	76	b
02	b	27	c	52	b	77	d
03	a	28	d	53	a	78	c
04	b	29	b	54	d	79	b
05	c	30	c	55	c	80	c
06	d	31	d	56	c	81	c
07	b	32	b	57	d	82	b
08	d	33	a	58	c	83	b
09	a	34	b	59	b	84	c
10	a	35	c	60	c	85	a
11	c	36	b	61	b	86	c
12	b	37	c	62	d	87	c
13	d	38	a	63	b	88	d
14	a	39	a	64	c	89	b
15	d	40	b	65	c	90	a
16	c	41	c	66	c	91	a
17	d	42	a	67	d	92	c
18	a	43	a	68	c	93	a
19	c	44	b	69	a	94	b
20	d	45	b	70	b	95	a
21	d	46	a	71	b	96	c
22	a	47	b	72	d	97	d
23	c	48	a	73	b	98	a
24	c	49	a	74	b	99	a
25	d	50	d	75	b	100	c

Kumaun University Nainital  
(Sponsored Research & Industrial Consultancy Cell)

Ph.D. Entrance Exam. 2018 ANSWER KEYS

Subject - Defense and Strategic Studies, Subject Code - 29

Question No.	Correct Answer	Question No.	Correct Answer	Question No.	Correct Answer	Question No.	Correct Answer
01	a	26	a	51	c	76	b
02	b	27	b	52	b	77	a
03	d	28	c	53	d	78	d
04	c	29	a	54	a	79	b
05	b	30	b	55	a	80	a
06	a	31	c	56	d	81	d
07	d	32	b	57	c	82	d
08	b	33	a	58	a	83	a
09	a	34	c	59	c	84	b
10	d	35	a	60	b	85	c
11	b	36	a	61	d	86	b
12	d	37	d	62	b	87	a
13	c	38	c	63	b	88	a
14	a	39	a	64	c	89	d
15	d	40	c	65	a	90	b
16	c	41	c	66	d	91	d
17	b	42	b	67	b	92	a
18	a	43	d	68	c	93	b
19	d	44	a	69	b	94	c
20	c	45	d	70	d	95	c
21	a	46	a	71	a	96	c
22	c	47	c	72	b	97	a
23	d	48	d	73	a	98	c
24	a	49	b	74	a	99	a
25	c	50	a	75	d	100	d

