

ANSWER KEY PHD. PLANNING AND GEOMATICS

Question	Answer	Question	Answer
Q1	b	Q19	c
Q2	b	Q20	c
Q3	b	Q21	c
Q4	c	Q22	d
Q5	d	Q23	a
Q6	d	Q24	b
Q7	d	Q25	d
Q8	a	Q26	b
Q9	b	Q27	c
Q10	b	Q28	c
Q11	b	Q29	b
Q12	a	Q30	b
Q13	a	Q31	a
Q14	c	Q32	c
Q15	d	Q33	a
Q16	b	Q34	b
Q17	c	Q35	b
Q18	c		

Question	Answer	Question	Answer
Q36	d	Q54	d
Q37	c	Q55	a
Q38	c	Q56	a
Q39	b	Q57	a
Q40	a	Q58	b
Q41	b	Q59	c
Q42	b	Q60	c
Q43	d	Q61	b
Q44	a	Q62	b
Q45	b	Q63	a
Q46	b	Q64	a
Q47	a	Q65	c
Q48	a	Q66	a
Q49	b	Q67	c
Q50	c	Q68	c
Q51	c	Q69	b
Q52	a	Q70	b
Q53	b		

ANSWER KEY, PHD PHYSICS

Key: Part A

Q1. c Q2. b Q3. c Q4. a Q5. d Q6. b Q7. c Q8. b Q9. c Q10. b Q11. c Q12. d
Q13. a Q14. b Q15. b Q16. c Q17. b Q18. c Q19. c Q20. a Q21. b Q22. d Q23. a Q24. b
Q25. c Q26. d Q27. d Q28. c Q29. b Q30. b Q31. c Q32. b Q33. c Q34. a Q35. b

Key: Part B

Q36. d Q37. c Q38. c Q39. a Q40. b Q41. b Q42. c Q43. a Q44. d Q45. a Q46. b Q47. d
Q48. b Q49. a Q50. c Q51. a Q52. d Q53. b Q54. a Q55. b Q56. d Q57. a Q58. d Q59. c
Q60. b Q61. d Q62. b Q63. a Q64. c Q65. d Q66. b Q67. b Q68. d Q69. a Q70. c

ANSWER KEY PHD, WATSON CRICK, CENTRE FOR MOLECULAR MEDICINE

ANSWER KEY [Part-I]

Q1- D	Q2- B	Q3- B	Q4- D	Q5- D	Q6- A	Q7- D	Q8- B
Q9- B	Q10- B	Q11- A	Q12- B	Q13- D	Q14- D	Q15- B	Q16- D
Q17- D	Q18- A	Q19- B	Q20- D	Q21- B	Q22- D	Q23- C	Q24- C
Q25- B	Q26- B	Q27- B	Q28- A	Q29- C	Q30- A	Q31- D	Q32- B
Q33- A	Q34- C	Q35- B					

ANSWER KEY [Part-II]

Q36- C	Q37- B	Q38- D	Q39- C	Q40- A	Q41- D	Q42- C	Q43- D
Q44- C	Q45- B	Q46- A	Q47- D	Q48- D	Q49- D	Q50- A	Q51- A
Q52- B	Q53- D	Q54- C	Q55- D	Q56- D	Q57- A	Q58- B	Q59- C
Q60- C	Q61- C	Q62- A	Q63- C	Q64- D	Q65- C	Q66- C	Q67- A
Q68- B	Q69- A	Q70- B					

Ph.D. Entrance Test (Economics) 2025-26

Answer Key

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

ANSWER KEY (Ph.D. ENTRANCE EXAMINATION-2025)*ENVIRONMENT, SUSTAINABILITY AND CLIMATE CHANGE*

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

ANSWER KEY FOR PH.D. CENTRE FOR AYUSH SCIENCE, IUST

Q1.	B	Q21.	A	Q41	B	Q61	A
Q2.	C	Q22.	B	Q42	B	Q62	B
Q3.	B	Q23.	B	Q43	A	Q63	C
Q4.	B	Q24	D	Q44	B	Q64	B
Q5.	B	Q25	C	Q45	C	Q65	B
Q6.	A	Q26	A	Q46	B	Q66	B
Q7.	B	Q27	A	Q47	B	Q67	B
Q8.	A	Q28	A	Q48	C	Q68	C
Q9.	B	Q29	A	Q49	C	Q69	B
Q10.	D	Q30	A	Q50	C	Q70	B
Q11.	B	Q31	B	Q51	C		
Q12.	A	Q32	C	Q52	C		
Q13.	A	Q33	A	Q53	B		
Q14.	B	Q34	B	Q54	B		
Q15.	A	Q35	A	Q55	B		
Q16.	D	Q36	B	Q56	C		
Q17.	A	Q37	B	Q57	A		
Q18.	B	Q38	B	Q58	B		
Q19.	B	Q39	B	Q59	C		
Q20.	B	Q40	B	Q60	C		

ANSWER KEY PHD CHEMISTRY

Question	Answer
1	c
2	b
3	c
4	c
5	c
6	b
7	d
8	b
9	b
10	d
11	d
12	b
13	b
14	a
15	c
16	b
17	b
18	b
19	c
20	d
21	a
22	a
23	b
24	b
25	b
26	c
27	d
28	c
29	b
30	a
31	c
32	b
33	b
34	c
35	a
36	c

37	d
38	c
39	a
40	a
41	c
42	a
43	b
44	a
45	b
46	c
47	c
48	b
49	d
50	b
51	b
52	c
53	b
54	c
55	a
56	c
57	c
58	b
59	c
60	b
61	a
62	c
63	d
64	d
65	c
66	d
67	b
68	c
69	a
70	b

ANSWER KEY PHD CIVIL (CORE PAPER)

Answer Key

Q. No. 36	(b) increases with richer mixes	
Q. No. 37	(c) bond stress	
Q. No. 38	(b) 38m	
Q. No. 39	(a) switch angle	
Q. No. 40	(d) equal to or greater than 1	
Q. No. 41	(a) less than d	
Q. No. 42	(c) Half	
Q. No. 43	(d) 1.5mm	
Q. No. 44	(c) fibre saturation point	
Q. No. 45.	(c) Sagging	
Q. No. 46.	(c) 120 to 180	
Q. No. 47.	(b) 0.075 mm	
Q. No. 48.	(c) 3 times the least lateral dimension	
Q. No. 49.	(d) 1.5 N/mm ²	
Q. No. 50.	(c) $a^4 / 12$	
Q. No. 51.	(a) equal to the cross slope of pavement	
Q. No. 52.	(c) Catch water drains	
Q. No. 53.	(b) always subtractive	
Q. No. 54.	(b) large orifices only	
Q. No. 55.	(c) $h/2$	
Q. No. 56.	(c) free float and independent float both must be zero	
Q. No. 57.	(c) $P = \frac{X - Z}{Z - Y} \times 100$	
Q. No. 58.	(a) Le-chatelier apparatus	
Q. No. 59.	(d) nil	
Q. No. 60.	(c) 10 MPa	
Q. No. 61.	(d) 130 cm	
Q. No. 62.	(d) super passage	
Q. No. 63.	(d) 4.0 m	
Q. No. 64.	(b) Hydrometer	
Q. No. 65.	(c) distributary head regulator	
Q. No. 66.	(c) 18.2 kN/m ³	
Q. No. 67.	(d) isosceles, 56°14'	
Q. No. 68.	(b) IS: 1121 (Part 3)-2012	
Q. No. 69.	(b) 1.5	
Q. No. 70.	(c) Toxic effects on the heart and blood vessels	

Answer Key
CSE PhD Entrance Examination 2025

Q.No.	Correct Answer
36	a (logic minimization)
37	a (single bit)
38	b (To select one of many input lines and route it to a single output line)
39	b (To represent negative numbers)
40	a (Dirty bit)
41	c (Waterfall model)
42	c (Direct)
43	c (Miss penalty)
44	d (Stack)
45	c (25)
46	b ($v = e+1$)
47	a (Each node has exactly zero or two children)
48	a (volatile)
49	d (It can be cyclic)
50	b (Single source shortest path)
51	d (none of the mentioned)
52	b ($\Theta(n^2 \log n)$)
53	c (Time to merge the sorted subarrays)
54	d (Regular Language)
55	a (Second)
56	b ($((x+y)^*)$)
57	d (Stack)
58	c (integer variable)
59	b (System calls)
60	a (to ensure that at least one of the necessary conditions cannot hold)
61	a (banker's algorithm)
62	b (Sigma (Greek))
63	b (Relational algebra)
64	a ($O(n)$)
65	b (Database Management System)
66	d (inner join)
67	a (network layer)
68	a (piggybacking)
69	a (block cipher)
70	a (Connection-oriented)

ANSWER KEY PHD ELECTRONICS & COMMUNICATION (CORE PAPER)

Q36	D	Q56	C
Q37	A	Q57	B
Q38	B	Q58	C
Q39	C	Q59	D
Q40	B	Q60	C
Q41	B	Q61	A
Q42	C	Q62	B
Q43	B	Q63	C
Q44	D	Q64	D
Q45	A	Q65	B
Q46	D	Q66	A
Q47	B	Q67	B
Q48	B	Q68	B
Q49	A	Q69	D
Q50	C	Q70	C
Q51	A		
Q52	C		
Q53	B		
Q54	B		
Q55	B		

ANSWER KEU PH.D. (ELECTRICAL ENGINEERING- CORE PAPER)

- 36. b
- 37. d
- 38. b
- 39. b
- 40. b
- 41. a
- 42. b
- 43. a
- 44. c
- 45. b
- 46. c
- 47. b
- 48. c
- 49. a
- 50. c
- 51. b
- 52. a
- 53. c
- 54. b
- 55. b
- 56. a
- 57. c
- 58. a
- 59. c
- 60. c
- 61. a
- 62. c
- 63. c
- 64. b
- 65. c
- 66. d
- 67. c
- 68. c
- 69. d
- 70. a

**ANSWER KEY, PHD FRONTIER RESEARCH INSTITUTE OF
INTERDISCIPLINARY SCIENCE**

PART I & PART II (RM & BIOLOGICAL SCIENCE)

Q. No.	Answer	Q. No.	Answer	Q. No.	Answer	Q. No.	Answer	Q. No.	Answer
1	B	15	C	29	C	43	D	57	B
2	A	16	B	30	B	44	D	58	B
3	C	17	C	31	D	45	B	59	C
4	D	18	C	32	B	46	B	60	C
5	A	19	A	33	A	47	D	61	A
6	B	20	A	34	D	48	B	62	B
7	D	21	D	35	C	49	C	63	D
8	B	22	A	36	C	50	A	64	B
9	C	23	C	37	C	51	D	65	A
10	A	24	D	38	A	52	A	66	B
11	D	25	B	39	B	53	C	67	B
12	C	26	C	40	A	54	A	68	D
13	A	27	A	41	B	55	A	69	A
14	D	28	D	42	B	56	B	70	A

KEY PART III (PHYSICS, CHEMISTRY & MATERIAL SCIENCE)

36. (C)	43. (C)	50. (A)	57. (C)	64. (A)
37. (B)	44. (A)	51. (D)	58. (D)	65. (B)
38. (D)	45. (D)	52. (C)	59. (B)	66. (B)
39. (D)	46. (C)	53. (C)	60. (B)	67. (C)
40. (A)	47. (C)	54. (B)	61. (C)	68. (C)
41. (C)	48. (B)	55. (B)	62. (C)	69. (D)
42. (D)	49. (B)	56. (D)	63. (C)	70. (B)

ANSWER KEY PHD FOOD TECHNOLOGY (CORE PAPER)

Q.NO.	ANSWER
36	b
37	c
38	a
39	d
40	d
41	a
42	c
43	b
44	a
45	a
46	b
47	b
48	a
49	c
50	b
51	a
52	b
53	d
54	b
55	d
56	c
57	c
58	a
59	b
60	b
61	c
62	a
63	a
64	d
65	c
66	d
67	b
68	c
69	d
70	d

ANSWER KEY PH.D., JOURNALISM & MASS COMMUNICATION

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

ANSWER KEY, PHD. COMPUTER SCIENCE

Question Number	Answer
36	C
37	C
38	B
39	D
40	B
41	A
42	D
43	C
44	A
45	C
46	D
47	D
48	C
49	B
50	B
51	C
52	A
53	D
54	C
55	C
56	C
57	A
58	A
59	C
60	C
61	C
62	C
63	D
64	B
65	A
66	D
67	A
68	A
69	C
70	B

ANSWER KEY PHD MANTAQI CENTRE FOR SCIENCE AND SOCIETY

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

ANSWER KEY MANAGEMENT STUDIES

Q.No Answer Q.No Answer

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

Answer key, Research Methodology (All Ph.D. Engineering)

Question Number	Answer
1	d
2	b
3	b
4	d
5	c
6	a
7	b
8	b
9	c
10	b
11	c
12	a
13	a
14	b
15	b
16	c
17	d
18	b
19	a
20	b
21	a
22	a
23	d
24	a
25	c
26	b
27	d
28	b
29	c
30	a
31	b
32	d
33	c
34	a
35	d

Answer Key
(Ph.D. Entrance 2025, Statistics)

Question Number	Answer	Question Number	Answer	Question Number	Answer
Q1	(a)	Q26	(b)	Q51	(c)
Q2	(d)	Q27	(a)	Q52	(b)
Q3	(a)	Q28	(b)	Q53	(d)
Q4	(b)	Q29	(c)	Q54	(a)
Q5	(b)	Q30	(d)	Q55	(b)
Q6	(d)	Q31	(c)	Q56	(a)
Q7	(c)	Q32	(a)	Q57	(b)
Q8	(b)	Q33	(b)	Q58	(b)
Q9	(c)	Q34	(b)	Q59	(c)
Q10	(a)	Q35	(d)	Q60	(a)
Q11	(a)	Q36	(a)	Q61	(b)
Q12	(b)	Q37	(a)	Q62	(c)
Q13	(b)	Q38	(b)	Q63	(c)
Q14	(a)	Q39	(c)	Q64	(d)
Q15	(c)	Q40	(a)	Q65	(c)
Q16	(b)	Q41	(a)	Q66	(c)
Q17	(b)	Q42	(b)	Q67	(d)
Q18	(a)	Q43	(c)	Q68	(a)
Q19	(b)	Q44	(b)	Q69	(c)
Q20	(c)	Q45	(b)	Q70	(b)
Q21	(d)	Q46	(d)		
Q22	(b)	Q47	(c)		
Q23	(a)	Q48	(d)		
Q24	(a)	Q49	(b)		
Q25	(d)	Q50	(c)		

ANSWERMKEY PHD ENTRANCE EXAM MECHANICAL ENGINEERING

- 36) A
- 37) B
- 38) B
- 39) A
- 40) B
- 41) A
- 42) A
- 43) A
- 44) A
- 45) A
- 46) C
- 47) A
- 48) A
- 49) A
- 50) B
- 51) A
- 52) A
- 53) A
- 54) B
- 55) C
- 56) A
- 57) C
- 58) D
- 59) A
- 60) A
- 61) B
- 62) B
- 63) A
- 64) A
- 65) C
- 66) B
- 67) A
- 68) A
- 69) D
- 70) A