



OFFICE OF THE CONTROLLER OF EXAMINATIONS
BABA GHULAM SHAH BADSHAH
UNIVERSITY, RAJOURI-(J&K)

Established by Government of Jammu & Kashmir
Recognized by UGC under Section 2 (f) and 12 (B)

No. BGSBU/CoE/2026/715

Date: 24.03.2026

Notice

Subject: Provisional Answer Key for OMR based Entrance Test for admission to Ph.D. Programmes – 2026

Baba Ghulam Shah Badshah University, Rajouri (BGSBU) conducted the OMR based Entrance Test for admission to Ph.D. Programmes – 2026 on 24.03.2026. In this context, the Provisional Answer Key of MCQs based Question Papers of the respective programs is attached herewith as annexure-A and is being uploaded on the University website. Any candidate having any objection related to the Provisional Answer Key may submit his/her objection along with documentary proof/evidence in support of his/her claim latest by 25.03.2026 till 5 PM at the following email ID of the undersigned:- coe@bgsbu.ac.in with his/ her complete details/particulars. After the expiry of the stipulated time period as mentioned herein above, no claim or objection shall be entertained.

Controller of Examinations

Answer key of Zoology

Q1. Which of the following is a characteristic feature of phylum Arthropoda?

Answer: b) Jointed appendages

Q2. The excretory organ in annelids is:

Answer: a) Nephridia

Q3. Which class of Mollusca includes octopus and squids?

Answer: b) Cephalopoda

Q4. The water vascular system is a characteristic of:

Answer: b) Echinodermata

Q5. Which of the following is a jawless fish?

Answer: b) Lamprey

Q6. Birds are most closely related to:

Answer: c) Reptiles

Q7. Which of the following is a diploblastic animal?

Answer: a) Hydra

Q8. The body cavity lined by mesoderm is called:

Answer: a) Coelom

Q9. Which phylum shows radial symmetry in adults?

Answer: b) Echinodermata

Q10. Which of the following is a cartilaginous fish?

Answer: b) Shark

Q11. Which mammalian order includes bats?

Answer: a) Chiroptera

Q12. Which of the following is an example of a monotreme?

Answer: b) Platypus

Q13. Which of the following is a colonial protozoan?

Answer: b) Volvox

Q14. Which of the following is a pseudocoelomate?

Answer: a) Nematoda

Q15. Which of the following is an example of a marsupial?

Answer: a) Kangaroo

Q16. Which of the following is a characteristic of reptiles?

Answer: b) Scales

Q17. Which of the following is a flightless bird?

Answer: b) Ostrich

Q18. Which of the following is a cartilaginous structure in vertebrates?

Answer: a) Notochord

Q19. Which of the following is a parasitic flatworm?

Answer: b) Tapeworm

Q20. Which of the following is a characteristic of amphibians?

Answer: a) External fertilization

Q21. Which hormone regulates the sleep-wake cycle in humans?

Answer: a) Melatonin

Q22. Which organ is primarily responsible for detoxification in the human body?

Answer: a) Liver

Q23. Which of the following is the functional unit of the kidney?

Answer: b) Nephron

Q24. Which blood cells are responsible for oxygen transport?

Answer: c) Erythrocytes

Q25. Which vitamin is essential for blood clotting?

Answer: c) Vitamin K

Q26. Which part of the brain controls balance and coordination?

Answer: b) Cerebellum

Q27. Which of the following is a sex-linked genetic disorder?

Answer: b) Hemophilia

Q28. Which molecule carries amino acids to the ribosome?

Answer: b) tRNA

Q29. Which of the following is an example of incomplete dominance?

Answer: a) Red and white flowers producing pink flowers

Q30. Which scientist proposed the theory of natural selection?

Answer: b) Darwin

Q31. Which of the following is a vestigial organ in humans?

Answer: b) Appendix

Q32. Which of the following is not a Mendelian trait?

Answer: c) Skin color

Q33. Which of the following is a chromosomal disorder?

Answer: c) Down syndrome

Q34. Which of the following is responsible for muscle contraction?

Answer: a) Myosin

Q35. Which of the following is a connective tissue?

Answer: c) Blood

Q36. Which of the following is a function of the hypothalamus?

Answer: c) Thermoregulation

Q37. Which of the following is a genetic material?

Answer: b) RNA

Q38. Which of the following is an example of adaptive radiation?

Answer: a) Darwin's finches

Q39. Which of the following is a primary sex organ in males?

Answer: b) Testes

Q40. Which of the following is a function of hemoglobin?

Answer: b) Oxygen transport

Q42. Which of the following is a biotic component of an ecosystem?

Answer: c) Bacteria

Q42. Which gas is primarily responsible for global warming?

Answer: c) Carbon dioxide

Q43. Which of the following is a renewable resource?

Answer: c) Wind

Q44. Which of the following is a pioneer species in ecological succession?

Answer: c) Lichen

Q45. Which of the following is a greenhouse gas?

Answer: b) Methane

Q46. Which of the following is an example of mutualism?

Answer: b) Bee and flower

Q47. Which of the following is a secondary consumer?

Answer: c) Lion

Q48. Which biome is characterized by permafrost?

Answer: b) Tundra

Q49. Which of the following is a major cause of ozone depletion?

Answer: b) CFCs

Q50. Which of the following is used to measure biodiversity?

Answer: a) Species richness

Q51. Which of the following is an abiotic factor?

Answer: c) Temperature

Q52. Which of the following is a keystone species?

Answer: b) Tiger

Q53. Which of the following is a pollutant from automobile exhaust?

Answer: b) Carbon monoxide

Q54. Which of the following is a method of ex-situ conservation?

Answer: c) Zoo

Q55. Which of the following is a decomposer?

Answer: a) Bacteria

Q56. Which of the following is a measure of central tendency?

Answer: b) Mean

Q57. The Chi-square test is primarily used for:

Answer: b) Testing association between categorical variables

Q58. Which of the following is a non-parametric test?

Answer: c) Mann-Whitney U test

Q59. Which sampling method ensures every individual has an equal chance of selection?

Answer: b) Random sampling

Q60. Which of the following is a measure of variability?

Answer: c) Standard deviation

Q61. In hypothesis testing, the probability of rejecting a true null hypothesis is called:

Answer: a) Type I error

Q62. Which of the following is used to measure correlation between two variables?

Answer: b) Pearson's r

Q63. Which of the following is a qualitative variable?

Answer: c) Gender

Q64. Which of the following is used to measure absorbance of light?

Answer: b) Spectrophotometer

Q65. Which instrument is used to separate molecules based on size and charge?

Answer: a) Electrophoresis apparatus

Q66. Which of the following is used to amplify DNA?

Answer: b) PCR machine (Thermocycler)

Q67. Which of the following is used to measure pH?

Answer: b) pH meter

Q68. Which of the following is a graphical representation of frequency distribution?

Answer: b) Histogram

Q69. Which of the following is used to measure radioactivity?

Answer: a) Geiger counter

Q70. In research methodology, a review of existing literature is important because it:

Answer: b) Identifies gaps in knowledge

Answer Key of Section A of Electrical Engineering

Q. No.	Answer
1.	b
2.	c
3.	b
4.	d
5.	b
6.	c
7.	b
8.	b
9.	b
10.	c
11.	c
12.	c
13.	b
14.	b
15.	b
16.	b
17.	b
18.	c

Q. No.	Answer
19.	a
20.	c
21.	b
22.	b
23.	c
24.	b
25.	a
26.	c
27.	b
28.	b
29.	c
30.	a
31.	c
32.	a
33.	b
34.	c
35.	b

Answer Key of Section B of Electrical Engineering

Q. No.	Answer
1.	b
2.	c
3.	b
4.	b
5.	b
6.	c
7.	b
8.	b
9.	b
10.	b
11.	c
12.	b
13.	b
14.	b
15.	b
16.	c
17.	b
18.	b

Q. No.	Answer
19.	d
20.	b
21.	b
22.	c
23.	b
24.	d
25.	b
26.	b
27.	b
28.	b
29.	b
30.	b
31.	b
32.	b
33.	b
34.	b
35.	b

Answer Key Section I (Biotechnology):

A

Q1) A

Q2) C

Q3) B

Q4) C

Q5) A

Q6) C

Q7) D

Q8) A

Q9) C

Q10) D

Q11) B

Q12) C

Q13) B

Q14) B

Q15) D

Q16) C

Q17) D

Q18) C

Q19) B

Q20) B

Q21) D

Q22) A

Q23) C

Q24) B

Q25) C

Q26) A

Answer Key Section I (Biotechnology):

Q27) B

Q28) D

Q29) B

Q30) A

Q31) C

Q32) D

Q33) C

Q34) A

Q35) B

ANSWER KEY SECTION II (Biotechnology)

5
B

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

Ph.D Computer Science Entrance Test-2026

KEY

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

Answer Key PhD Entrance (Civil Engineering)

Q. No	Ans	Q. No	Ans	Q. No	Ans	Q. No	Ans
Q1	C	Q21	C	Q41	D	Q61	C
Q2	B	Q22	A	Q42	A	Q62	B
Q3	D	Q23	C	Q43	D	Q63	A
Q4	D	Q24	A	Q44	C	Q64	D
Q5	C	Q25	A	Q45	B	Q65	C
Q6	A	Q26	D	Q46	D	Q66	B
Q7	A	Q27	B	Q47	D	Q67	D
Q8	B	Q28	C	Q48	A	Q68	A
Q9	C	Q29	B	Q49	B	Q69	D
Q10	C	Q30	D	Q50	C	Q70	B
Q11	D	Q31	B	Q51	B		
Q12	A	Q32	D	Q52	A		
Q13	B	Q33	C	Q53	B		
Q14	C	Q34	A	Q54	A		
Q15	D	Q35	B	Q55	C		
Q16	A	Q36	D	Q56	C		
Q17	A	Q37	D	Q57	A		
Q18	B	Q38	A	Q58	C		
Q19	C	Q39	D	Q59	B		
Q20	B	Q40	B	Q60	A		

Answer key:

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

Ph.D. (Information Technology) Entrance Test 2026

Answer Key

Section-A		Section-B	
Question No.	Answer	Question No.	Answer
1	B	1	C
2	B	2	A
3	B	3	C
4	B	4	B
5	D	5	D
6	B	6	B
7	C	7	B
8	B	8	C
9	A	9	C
10	D	10	B
11	B	11	B
12	C	12	C
13	B	13	C
14	C	14	B
15	A	15	C
16	B	16	B
17	C	17	C
18	C	18	D
19	B	19	A
20	D	20	C
21	B	21	B
22	A	22	A
23	B	23	B
24	A	24	C
25	D	25	C
26	C	26	A
27	B	27	B
28	A	28	B
29	B	29	D
30	A	30	B
31	B	31	B
32	C	32	A
33	A	33	D
34	C	34	B
35	C	35	C

DEPARTMENT OF MANAGEMENT STUDIES

BABA GHULAM SHAH BADSHAH UNIVERSIT, RAJOURI

Ph.D. ENTRANCE TEST

Answer Key

2026

Total Questions: 70

Total Marks: 70

Time Allowed: 70 Minutes

Minimum Passing Marks: 35

ANSWER KEY

SECTION A : ACADEMIC COMPONENT

Q. No.	Answer	Q. No.	Answer	Q. No.	Answer
1	B	13	B	25	B
2	B	14	B	26	C
3	C	15	B	27	C
4	B	16	B	28	B
5	B	17	A	29	B
6	B	18	B	30	B
7	B	19	B	31	C
8	B	20	B	32	B
9	B	21	B	33	B
10	C	22	C	34	A
11	C	23	B	35	B
12	C	24	B		

SECTION B : RESEARCH APTITUDE & METHODOLOGY

Q. No.	Answer	Q. No.	Answer	Q. No.	Answer
36	B	48	B	60	B
37	B	49	B	61	B
38	B	50	B	62	B
39	C	51	B	63	B
40	B	52	A	64	B
41	B	53	B	65	B
42	B	54	B	66	B
43	B	55	B	67	B
44	A	56	A	68	B
45	C	57	B	69	B
46	B	58	B	70	B
47	B	59	B		

Ph.D. Hospitality and Tourism-2026

Answer key

Max Marks: 70

Duration: 70 Minutes

Note: Each Question carries 1 Mark

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

Answer Key of MCQs for the Department of Botany

Research Methodology	
Q.No	Answer
1.	D
2.	D
3.	D
4.	B
5.	D
6.	B
7.	C
8.	C
9.	D
10.	C
11.	C
12.	C
13.	D
14.	A
15.	B
16.	D
17.	C
18.	D
19.	A
20.	B
21.	B
22.	A
23.	C
24.	D
25.	D
26.	A
27.	B
28.	B
29.	C
30.	A
31.	A
32.	B
33.	D
34.	C
35.	A

Subjective	
Q.No	Answer
1.	A
2.	C
3.	B
4.	A
5.	C
6.	D
7.	A
8.	D
9.	B
10.	A
11.	D
12.	A
13.	B
14.	A
15.	B
16.	D
17.	C
18.	A
19.	C
20.	D
21.	D
22.	C
23.	A
24.	C
25.	B
26.	C
27.	A
28.	C
29.	B
30.	B
31.	D
32.	C
33.	B
34.	A
35.	B

ANSWER KEY**(Ph. D Arabic)**

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



Department of Physics

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ANSWER KEY PHD ENTRANCE PAPER 2026

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

Answer Key Ph.D. Entrance Economics:

Research Methodology part:

1. B	7. A	13. C	19. B	25. B	31. B
2. D	8. D	14. B	20. B	26. B	32. C
3. C	9. A	15. C	21. B	27. B	33. C
4. B	10. B	16. C	22. C	28. B	34. B
5. B	11. B	17. B	23. B	29. B	35. A
6. C	12. B	18. A	24. B	30. B	

Core Subject:

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