

NOTICE

Any query about questions or its options then write application on or before **18/12/2019** and submit it to any one of following teacher:

- Mr. S. S. Kumbhare,
- Mr. S. P. Deshmukh,
- Mr. S. G. Pawar,
- Dr. S. D. Chavan
- Mr. S. V. Rajmane.

DAYANAND SCIENCE OLYMPIAD 2019-20**CHEMICAL SCIENCES****ANSWER KEY LEVEL- II (B.Sc.-II)****Date: 15/12/2019****Total Questions: 50****Time: 12.30 pm to 1.30 pm****Total marks: 50****SET -A**

1	c	11	d	21	a	31	b	41	b
2	d	12	a	22	b	32	c	42	d
3	a	13	c	23	c	33	b	43	d
4	b	14	b	24	b	34	c	44	a
5	b	15	d	25	a	35	a	45	d
6	b	16	b	26	b	36	a	46	b
7	a	17	b	27	c	37	a	47	d
8	b	18	b	28	a	38	b	48	c
9	b	19	c	29	b	39	a	49	d
10	d	20	d	30	c	40	c	50	b

SET B

1	b	11	c	21	d	31	a	41	b
2	d	12	d	22	a	32	b	42	c
3	d	13	a	23	c	33	c	43	b
4	a	14	b	24	b	34	b	44	c
5	d	15	b	25	d	35	a	45	a
6	b	16	b	26	b	36	b	46	a
7	d	17	a	27	b	37	c	47	a
8	c	18	b	28	b	38	a	48	b
9	d	19	b	29	c	39	b	49	a
10	b	20	d	30	d	40	c	50	c

SET-C

1	b	11	b	21	c	31	d	41	a
2	c	12	d	22	d	32	a	42	b
3	b	13	d	23	a	33	c	43	c
4	c	14	a	24	b	34	b	44	b
5	a	15	d	25	b	35	d	45	a
6	a	16	b	26	b	36	b	46	b
7	a	17	d	27	a	37	b	47	c
8	b	18	c	28	b	38	b	48	a
9	a	19	d	29	b	39	c	49	b
10	c	20	b	30	d	40	d	50	c

SET-D

1	a	11	b	21	b	31	c	41	d
2	b	12	c	22	d	32	d	42	a
3	c	13	b	23	d	33	a	43	c
4	b	14	c	24	a	34	b	44	b
5	a	15	a	25	d	35	b	45	d
6	b	16	a	26	b	36	b	46	b
7	c	17	a	27	d	37	a	47	b
8	a	18	b	28	c	38	b	48	b
9	b	19	a	29	d	39	b	49	c
10	c	20	c	30	b	40	d	50	d

DAYANAND SCIENCE OLYMPIAD 2019-20
EARTH SCIENCES

ANSWER KEY LEVEL- II (B.Sc.-II) SET -A

Date: 15/12/2019

Time: 3.30pm to 4.30 pm

Total Questions: 50

Total marks: 50

Q.No.	ANSWER	Q.No.	ANSWER
1	A. Immanuel Kant	26	B. Lopoliths
2	B. Nebula	27	A. Slate
3	A. Equator	28	A. Sand
4	A. Troposphere	29	C. natural levees
5	B. 15 and 30	30	D. erosion deposition
6	D. CO ₂	31	A. the wind
7	A. Polar	32	D. all of these can have ripples
8	C. the P-wave shadow zone is larger than the S-wave shadow zone.	33	A. deposited at the mouth of a river
9	C. discontinuity	34	A. deflation
10	D. Lehmann	35	D. by wind erosion
11	B. Mantle	36	B. on the lee side (downwind) side of a dune
12	A. P waves → S waves → Surface waves	37	C. the angle between the Sun's rays and the Earth's surface is different than at the equator
13	C. decrease	38	B. sublimation
14	D. Denudation	39	B. glacier
15	C. mixed	40	B. cross-sectional
16	C. Leaching	41	C. basalt
17	B. Oxidation	42	B. limestone
18	B. The residues of removed matter by water.	43	C. 70
19	C. the difference in the arrival times of the P and S waves	44	A. swash ... backwash
20	A. pumice	45	D. gravity
21	A. lamellibranchia	46	C. an earthquake in sea which causes a large wave
22	C. petrification	47	B. Natural arches and stacks
23	D. Residual	48	C. spit formation
24	C. glassy	49	B. limestone
25	A. Dyke	50	C. granite

DAYANAND SCIENCE OLYMPIAD 2019-20
EARTH SCIENCES

ANSWER KEY LEVEL- II (B.Sc.-II) SET -B

Date: 15/12/2019

Time: 3.30pm to 4.30 pm

Total Questions: 50

Total marks: 50

Q.No.	ANSWER	Q.No.	ANSWER
1	C. an earthquake in sea which causes a large wave	26	B. limestone
2	B. Natural arches and stacks	27	C. 70
3	C. spit formation	28	A. swash ... backwash
4	B. limestone	29	D. gravity
5	C. granite	30	A. lamellibranchia
6	D. all of these can have ripples	31	C. petrification
7	A. deposited at the mouth of a river	32	D. Residual
8	A. deflation	33	C. glassy
9	D. by wind erosion	34	A. Dyke
10	C. Leaching	35	B. Lopoliths
11	B. Oxidation	36	A. Slate
12	B. The residues of removed matter by water.	37	A. Sand
13	C. the difference in the arrival times of the P and S waves	38	C. natural levees
14	A. pumice	39	D. erosion deposition
15	D. CO ₂	40	A. the wind
16	A. Polar	41	B. Mantle
17	C. the P-wave shadow zone is larger than the S-wave shadow zone.	42	A. P waves → S waves → Surface waves
18	C. discontinuity	43	C. decrease
19	D. Lehmann	44	D. Denudation
20	B. on the lee side (downwind) side of a dune	45	C. mixed
21	C. the angle between the Sun's rays and the Earth's surface is different than at the equator	46	A. Immanuel Kant
22	B. sublimation	47	B. Nebula
23	B. glacier	48	A. Equator
24	B. cross-sectional	49	A. Troposphere
25	C. basalt	50	B. 15 and 30

DAYANAND SCIENCE OLYMPIAD 2019-20
EARTH SCIENCES

ANSWER KEY LEVEL- II (B.Sc.-II) SET -C

Date: 15/12/2019

Time: 3.30pm to 4.30 pm

Total Questions: 50

Total marks: 50

Q.No.	ANSWER	Q.No.	ANSWER
1	A. Immanuel Kant	26	B. Lopoliths
2	B. Nebula	27	A. Slate
3	A. Equator	28	A. Sand
4	A. Troposphere	29	C. natural levees
5	B. 15 and 30	30	D. erosion deposition
6	D. CO ₂	31	A. the wind
7	A. Polar	32	D. all of these can have ripples
8	C. the P-wave shadow zone is larger than the S-wave shadow zone.	33	A. deposited at the mouth of a river
9	C. discontinuity	34	A. deflation
10	D. Lehmann	35	D. by wind erosion
11	B. Mantle	36	B. on the lee side (downwind) side of a dune
12	A. P waves → S waves → Surface waves	37	C. the angle between the Sun's rays and the Earth's surface is different than at the equator
13	C. decrease	38	B. sublimation
14	D. Denudation	39	B. glacier
15	C. mixed	40	B. cross-sectional
16	C. Leaching	41	C. basalt
17	B. Oxidation	42	B. limestone
18	B. The residues of removed matter by water.	43	C. 70
19	C. the difference in the arrival times of the P and S waves	44	A. swash ... backwash
20	A. pumice	45	D. gravity
21	A. lamellibranchia	46	C. an earthquake in sea which causes a large wave
22	C. petrification	47	B. Natural arches and stacks
23	D. Residual	48	C. spit formation
24	C. glassy	49	B. limestone
25	A. Dyke	50	C. granite

DAYANAND SCIENCE OLYMPIAD 2019-20
EARTH SCIENCES

ANSWER KEY LEVEL- II (B.Sc.-II) SET -D

Date: 15/12/2019

Time: 3.30pm to 4.30 pm

Total Questions: 50

Total marks: 50

Q.No.	ANSWER	Q.No.	ANSWER
1	D. CO ₂	26	B. Mantle
2	A. Polar	27	A. P waves → S waves → Surface waves
3	C. the P-wave shadow zone is larger than the S-wave shadow zone.	28	C. decrease
4	C. discontinuity	29	D. Denudation
5	D. Lehmann	30	C. mixed
6	C. Leaching	31	A. lamellibranchia
7	B. Oxidation	32	C. petrification
8	B. The residues of removed matter by water.	33	D. Residual
9	C. the difference in the arrival times of the P and S waves	34	C. glassy
10	A. pumice	35	A. Dyke
11	A. the wind	36	B. Lopoliths
12	D. all of these can have ripples	37	A. Slate
13	A. deposited at the mouth of a river	38	A. Sand
14	A. deflation	39	C. natural levees
15	D. by wind erosion	40	D. erosion deposition
16	C. an earthquake in sea which causes a large wave	41	B. on the lee side (downwind) side of a dune
17	B. Natural arches and stacks	42	C. the angle between the Sun's rays and the Earth's surface is different than at the equator
18	C. spit formation	43	B. sublimation
19	B. limestone	44	B. glacier
20	C. granite	45	B. cross-sectional
21	A. Immanuel Kant	46	C. basalt
22	B. Nebula	47	B. limestone
23	A. Equator	48	C. 70
24	A. Troposphere	49	A. swash ... backwash
25	B. 15 and 30	50	D. gravity

DAYANAND SCIENCE OLYMPIAD 2019-20**LIFE SCIENCES****ANSWER KEY LEVEL- II (B.Sc.-II)**

Date: 15/12/2019

Total Questions: 50

Time: 11.00 am to 12.00 noon

Total marks: 50

SET A

1	c	11	b	21	a	31	d	41	b
2	c	12	d	22	a	32	c	42	a
3	b	13	c	23	c	33	a	43	b
4	a	14	d	24	b	34	d	44	a
5	c	15	c	25	a	35	c	45	a
6	a	16	c	26	a	36	c	46	c
7	a	17	a	27	a	37	c	47	b
8	b	18	b	28	a	38	b	48	b
9	b	19	a	29	a	39	b	49	a
10	a	20	a	30	a	40	a	50	b

SET B

1	c	11	d	21	a	31	c	41	c
2	c	12	b	22	b	32	c	42	b
3	a	13	c	23	c	33	b	43	b
4	b	14	c	24	b	34	b	44	a
5	a	15	c	25	a	35	a	45	b
6	c	16	d	26	a	36	b	46	a
7	d	17	a	27	a	37	a	47	c
8	b	18	a	28	a	38	b	48	a
9	a	19	a	29	a	39	a	49	c
10	b	20	a	30	d	40	a	50	d

SET C

1	c	11	c	21	c	31	a	41	a
2	c	12	b	22	c	32	b	42	a
3	b	13	b	23	c	33	a	43	a
4	b	14	a	24	b	34	b	44	a
5	a	15	b	25	a	35	a	45	a
6	b	16	a	26	c	36	a	46	d
7	a	17	d	27	a	37	a	47	c
8	b	18	c	28	a	38	a	48	d
9	a	19	a	29	b	39	c	49	c
10	a	20	d	30	b	40	b	50	c

SET D

1	c	11	a	21	c	31	c	41	a
2	a	12	a	22	c	32	b	42	a
3	a	13	c	23	b	33	b	43	a
4	d	14	b	24	b	34	a	44	c
5	d	15	b	25	a	35	b	45	a
6	c	16	a	26	b	36	a	46	d
7	b	17	b	27	a	37	a	47	a
8	c	18	a	28	b	38	b	48	c
9	c	19	a	29	a	39	a	49	c
10	a	20	b	30	a	40	c	50	d

DAYANAND SCIENCE OLYMPIAD 2019-20
MATHEMATICAL SCIENCES
ANSWER KEY LEVEL- II (B.Sc.-II)

Date: 15/12/2019

Total Questions: 25

Time: 9.30 am to 10.30 am

Total marks: 50

SET -A

1	a	11	a	21	b
2	d	12	b	22	c
3	a	13	a	23	b
4	a	14	c	24	b
5	b	15	b	25	d
6	c	16	c		
7	a	17	a		
8	a	18	c		
9	b	19	b		
10	a	20	b		

SET B

1	a	11	b	21	c
2	a	12	b	22	c
3	b	13	d	23	b
4	a	14	d	24	c
5	b	15	a	25	b
6	a	16	c		
7	a	17	a		
8	b	18	a		
9	a	19	b		
10	b	20	c		

SET-C

1	d	11	c	21	a
2	a	12	b	22	b
3	c	13	a	23	b
4	a	14	a	24	b
5	a	15	b	25	d
6	b	16	a		
7	c	17	b		
8	c	18	a		
9	c	19	a		
10	b	20	b		

SET-D

1	c	11	b	21	b
2	b	12	d	22	a
3	c	13	a	23	a
4	a	14	d	24	b
5	c	15	a	25	a
6	b	16	a		
7	b	17	b		
8	b	18	c		
9	c	19	a		
10	b	20	a		

DAYANAND SCIENCE OLYMPIAD 2019-20

PHYSICAL SCIENCES

ANSWER KEY LEVEL- II (B.Sc.-II)

Date: 15/12/2019

Total Questions: 50

Time: 2.00 pm to 3.00 pm

Total marks: 50

SET -A

1.	b	26.	b
2.	a	27.	b
3.	d	28.	d
4.	b	29.	b
5.	d	30.	a
6.	d	31.	a
7.	d	32.	c
8.	b	33.	c
9.	c	34.	a
10.	b	35.	b
11.	a	36.	d
12.	d	37.	c
13.	b	38.	b
14.	b	39.	c
15.	a	40.	b
16.	c	41.	a
17.	c	42.	d
18.	a	43.	c
19.	a	44.	a
20.	c	45.	c
21.	a	46.	d
22.	a	47.	d
23.	a	48.	c
24.	c	49.	a
25.	d	50.	c

SET -B

1.	a	26.	a
2.	a	27.	c
3.	a	28.	c
4.	c	29.	a
5.	d	30.	b
6.	a	31.	a
7.	d	32.	d
8.	c	33.	b
9.	a	34.	b
10.	c	35.	a
11.	b	36.	d
12.	a	37.	d
13.	d	38.	c
14.	b	39.	a
15.	d	40.	c
16.	b	41.	c
17.	b	42.	c
18.	d	43.	a
19.	b	44.	a
20.	a	45.	c
21.	d	46.	d
22.	d	47.	c
23.	b	48.	b
24.	c	49.	c
25.	b	50.	b

SET -C

1.	d	26.	d
2.	c	27.	d
3.	b	28.	c
4.	c	29.	a
5.	b	30.	c
6.	d	31.	a
7.	d	32.	d
8.	b	33.	b
9.	c	34.	b
10.	b	35.	a
11.	c	36.	a
12.	c	37.	a
13.	a	38.	a
14.	a	39.	c
15.	c	40.	d
16.	a	41.	b
17.	c	42.	b
18.	c	43.	d
19.	a	44.	b
20.	b	45.	a
21.	a	46.	b
22.	d	47.	a
23.	c	48.	d
24.	a	49.	b
25.	c	50.	d

SET -D

1.	d	26.	d
2.	d	27.	c
3.	b	28.	b
4.	c	29.	c
5.	b	30.	b
6.	c	31.	a
7.	c	32.	d
8.	a	33.	c
9.	a	34.	a
10.	c	35.	c
11.	b	36.	a
12.	b	37.	a
13.	d	38.	a
14.	b	39.	c
15.	a	40.	d
16.	d	41.	a
17.	d	42.	d
18.	c	43.	b
19.	a	44.	b
20.	c	45.	a
21.	a	46.	b
22.	c	47.	a
23.	c	48.	d
24.	a	49.	b
25.	b	50.	d