

Remote Sensing officer - 12/08/2025

88	Which of the following helps in risk zone identification? a) DEM b) Population density c) Land use map d) All of the above
89	The instrument used to measure parallax is called: a) Stereoscope b) Parallax bar c) Plumb bob d) Total station
90	Match the environmental indicators with remote sensing tools: A. Land degradation 1. NDVI and NDBI B. Soil erosion risk 2. Slope and rainfall data C. Forest cover change 3. Multi-temporal Landsat D. Wetland mapping 4. NDWI and SAR a) A-1, B-2, C-3, D-4 b) A-2, B-1, C-4, D-3 c) A-4, B-3, C-2, D-1 d) A-1, B-3, C-2, D-4
91	COVID-19 vaccines developed by Moderna and Pfizer-BioNTech firms were based on which of the following principles? a) mRNA vaccine b) Whole virion inactivated vaccine c) Toxoid vaccine d) Recombinant adenovirus vector-based vaccine
92	Which of the following industries are considered as a Secondary Sector Industry? 1. Mining and Quarrying 2. Textile production 3. Transport and Storage 4. Gas and Water Supply Select the incorrect answer using the code given below: a) 1 and 3 only b) 1, 3 and 4 only c) 2 and 3 only d) 1, 2, 3 and 4
93	Given below are two statements: Statement 1: Declining biodiversity is still a major challenge globally Statement 2: Ozone hole is the primary cause of declining biodiversity In the light of the above statements, choose the most appropriate answer from the options given below a) Both Statement 1 and Statement 2 are correct b) Both Statement 1 and Statement 2 are incorrect c) Statement 1 is correct but Statement 2 is incorrect d) Statement 1 is incorrect but Statement 2 is correct

94	Given below are two statements: one is labelled as Assertion A and the other is labelled as Reason R Assertion A: Bioaccumulation is the build-up of a persistent toxic substance in an organism's body Reason R: Biological magnification refers to the increased concentration of toxic chemicals such as certain pesticides in the tissues of organisms at higher trophic levels in food webs. In the light of the above statements, choose the most appropriate answer from the options given below a) Both A and R are correct and R is the correct explanation of A b) Both A and R are correct but R is NOT the correct explanation of A c) A is correct but R is not correct d) A is not correct but R is correct
95	The 'Sivasamudram Waterfalls' is situated on which of the following Indian river? a) Krishna b) Godavari c) Kaveri d) Tambraparni
96	Pampas grassland is found in which one of the following countries? a) United States of America b) Australia c) Argentina d) Russia
97	Hirakud dam is built over which one of the following rivers in India? a) Godavari b) Kaveri c) Mahanadi d) Damodar
98	The Earth Summit (1992) took place in which one of the following cities? a) Brussels b) Rio de Janeiro c) Mexico City d) Buenos Aires
99	Which one of the following is a Constitutional Body? a) National Commission for Scheduled Tribes b) National Commission for Minorities c) National Commission for Women d) Planning Commission
100	Akbar granted the present city of Amritsar to which Guru: a) Guru Amar Das Ji b) Guru Angad Dev Ji c) Guru Ram Das Ji d) Guru Arjan Dev Ji

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	Directions (Question Nos. 101 to 103): ABCD is a square, and l and m are straight lines. You are told that each of the vertices (corner points), A, B, C and D, of the square lies on one of the lines, l or m. Answer each question below, independent of the other questions. That is, in addition to the information given above, if additional information is given in a question, that additional information holds only for that question and not for the other questions in the section.
101	What is the minimum number of triangles that can be formed by ABCD, and the lines l and m? a) Zero b) One c) Two d) Four
102	What is the maximum number of triangles that can be formed by ABCD, and the lines l and m? a) Four b) Six c) Eight d) Ten
103	What is the maximum number of right-angled triangles that can be formed by ABCD, and the lines l and m? a) Two b) Four c) Six d) Eight
104	How many two-digit numbers are such that the product of their digits is a perfect square greater than 1? a) 8 b) 16 c) 14 d) 12
105	The ratio of prices of two buffaloes was 16:23. Two years later when the price of the first had risen by 10% and that of the second by ₹ 477, the ratio of their prices became 11:20. Find the original price of the two buffaloes? a) ₹ 848, ₹1219 b) ₹ 729 ₹ 1344 c) ₹ 1600, ₹ 2300 d) ₹ 729, ₹ 1219
106	There are 20 stations on a railway line. How many different kinds of single first-class tickets must be printed so as to enable a passenger to go from any station to any other? a) 38 b) 19 c) 380 d) 190

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107	The payment of royalty to an author consists of a fixed amount, which is paid initially, and an additional amount for each copy sold. When 500 copies are sold he received ₹ 750. The total receipt when 1,350 copies were sold was ₹ 1,175. How much more will he receive by the time sale reaches 10,000 copies? a) ₹ 5, 725 b) ₹ 5, 500 c) ₹ 5, 000 d) ₹ 4, 325
108	Identify the correct answer: ABC is a Triangle, where $\angle ABC=60^\circ$ and the sides $\overline{AB}$ and $\overline{AC}$ are equal. If so, which of the following is true? a) Complementary angle of $\angle BCA$ is 60° b) Side $\overline{AC}$ is greater than the side $\overline{BC}$ c) ABC is a right-angled triangle d) Sides $\overline{AC}$ and $\overline{BC}$ are equal
109	In a 70 litre mixture of two liquids A and B, liquid B is 10%. How much quantity of liquid B to be added in the mixture so that the quantity of liquid B in the net mixture becomes 25%? a) 21 litres b) 14 litres c) 17.5 litres d) 16.5 litres
110	The formula $E=\sqrt[3]{a/6}$ describes the relationship between the length of the edge 'E' of a cube and the surface area 'a' of the cube. How much longer is the edge of a cube with a surface area of 1350 than the edge of one with a surface area of 600? a) 5 b) 15 c) 150 d) 250
111	‘ਲੋਈ ਲਾਹੁਣਾ’ ਮੁਹਾਵਰਾ ਵਰਤਿਆ ਜਾਂਦਾ ਹੈ- a) ਗਰਮੀ ਲਈ b) ਚੋਰੀ ਲਈ c) ਬੇਸ਼ਰਮੀ ਲਈ d) ਮੁਸੀਬਤ ਲਈ
112	ਕਿਹੜਾ ਸ਼ਬਦ-ਜੋੜ ਸਹੀ ਹੈ? a) ਨੈਬ b) ਨਾਇਬ c) ਨੈਇਬ d) ਨੇਇਬ
113	ਸੁੱਧ ਪੰਜਾਬੀ ਸ਼ਬਦ ਰੂਪ ਹੈ- a) ਸੈਰ b) ਸ਼ਐਰ c) ਸਹੈਰ d) ਸਹਿਰ

114	‘ਅਣਲੋੜੀਂਦੀਆਂ’ ਵਿਚ ਅਗੇਤਰ ਹੈ- a) ਅ b) ਅਣਲੋੜੀਂਦੀ c) ਅਣਲੋ d) ਅਣ
115	‘ਛੱਤ ਤੇ ਮੰਜਾ ਪਿਆ ਹੈ।’ ਇਸ ਵਾਕ ਵਿਚ ‘ਤੇ’ ਤੋਂ ਪਹਿਲਾਂ ਕਿਹੜਾ ਚਿੰਨ੍ਹ ਲੱਗੇਗਾ? a) ਕਾਮਾ b) ਛੁੱਟ ਮਰੇੜੀ c) ਜੋੜਨੀ d) ਦੁਬਿੰਦੀ
116	‘Ram used to play football’ ਦਾ ਪੰਜਾਬੀ ਰੂਪ ਹੈ ? a) ਰਾਮ ਫੁੱਟਬਾਲ ਖੇਡਦਾ ਹੈ। b) ਰਾਮ ਫੁੱਟਬਾਲ ਖੇਡੇਗਾ। c) ਰਾਮ ਫੁੱਟਬਾਲ ਖੇਡਦਾ ਸੀ। d) ਰਾਮ ਫੁੱਟਬਾਲ ਖੇਡ ਰਿਹਾ ਹੈ।
117	‘89’ ਅੰਕ ਦਾ ਸੁੱਧ ਪੰਜਾਬੀ ਰੂਪ ਹੈ? a) ਉਨੰਨਵੇ b) ਉਨਾਨਵੇ c) ਉਨਾਨਵੇਂ d) ਉਨੰਨਾਵੇਂ
118	ਸਾਲ ਦੀ ਸ਼ੁਰੂਆਤ ਕਿਹੜੇ ਦੇਸੀ ਮਹੀਨੇ ਨਾਲ ਹੁੰਦੀ ਹੈ? a) ਵਿਸਾਖ b) ਜੇਠ c) ਹਾੜ d) ਚੇਤ
119	‘ਰਾਮ ਅਤੇ ਸ਼ਾਮ ਖੇਡ ਰਹੇ ਹਨ’ ਵਾਕ ਵਿਚ ‘ਅਤੇ’ ਕੀ ਹੈ? a) ਕਿਰਿਆ b) ਸੰਬੰਧਕ c) ਵਿਸਮਿਕ d) ਯੋਜਕ
120	ਕਿਸ ਸਥਾਨ ਨੂੰ ਅੱਜ-ਕੱਲ੍ਹ ਪੰਜਾ ਸਾਹਿਬ ਦੇ ਨਾਂ ਨਾਲ ਜਾਣਿਆ ਜਾਂਦਾ ਹੈ? a) ਪਾਕਪਟਨ b) ਸਿਆਲਕੋਟ c) ਸੈਦਪੁਰ d) ਹਸਨ ਅਬਦਾਲ



PUNJAB PUBLIC SERVICE COMMISSION

REVISED ANSWER KEY FOR THE RECRUITMENT TO THE POSTS OF REMOTE SENSING AND GEOGRAPHIC
INFORMATION SYSTEM OFFICER (GROUP-B) IN THE DEPARTMENT OF HOUSING AND URBAN
DEVELOPMENT (DIRECTORATE OF TOWN AND COUNTRY PLANNING)

COMPETITIVE EXAM DATE: 12-08-2025

ADVT. NO.- 202279

ANSWER KEY SET - [A]

Q.No.	Answer	Q.No.	Answer	Q.No.	Answer	Q.No.	Answer	Q.No.	Answer
1	C	25	C	49	C	73	B	97	C
2	B	26	B	50	A	74	B	98	B
3	C	27	A	51	B	75	A	99	A
4	C	28	C	52	B	76	B	100	C
5	C	29	B	53	*	77	C	101	A
6	D	30	A	54	B	78	B	102	C
7	B	31	D	55	D	79	B	103	D
8	D	32	C	56	D	80	D	104	B
9	B	33	B	57	A	81	C	105	A
10	B	34	C	58	B	82	D	106	C
11	D	35	B	59	A	83	D	107	D
12	B	36	A	60	C	84	D	108	*
13	B	37	B	61	B	85	C	109	B
14	A	38	B	62	C	86	C	110	A
15	D	39	D	63	B	87	C	111	C
16	A	40	A	64	C	88	D	112	B
17	C	41	B	65	B	89	B	113	D
18	A	42	A	66	A	90	A	114	D
19	D	43	A	67	B	91	A	115	B
20	B	44	B	68	C	92	B	116	C
21	D	45	C	69	C	93	C	117	*
22	A	46	D	70	C	94	B	118	D
23	B	47	A	71	C	95	C	119	D
24	B	48	A	72	A	96	C	120	D

DATE : 15-DEC-2025

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PUNJAB PUBLIC SERVICE COMMISSION

REVISED ANSWER KEY FOR THE RECRUITMENT TO THE POSTS OF REMOTE SENSING AND GEOGRAPHIC
INFORMATION SYSTEM OFFICER (GROUP-B) IN THE DEPARTMENT OF HOUSING AND URBAN
DEVELOPMENT (DIRECTORATE OF TOWN AND COUNTRY PLANNING)

COMPETITIVE EXAM DATE: 12-08-2025

ADVT. NO.- 202279

ANSWER KEY SET - [B]

Q.No.	Answer	Q.No.	Answer	Q.No.	Answer	Q.No.	Answer	Q.No.	Answer
1	D	25	C	49	B	73	D	97	A
2	A	26	C	50	C	74	D	98	B
3	A	27	A	51	C	75	D	99	B
4	C	28	B	52	C	76	C	100	C
5	A	29	B	53	B	77	B	101	B
6	B	30	A	54	A	78	C	102	A
7	B	31	B	55	C	79	C	103	C
8	*	32	C	56	A	80	C	104	B
9	B	33	B	57	C	81	D	105	A
10	D	34	B	58	D	82	B	106	D
11	D	35	D	59	B	83	D	107	C
12	A	36	C	60	A	84	B	108	B
13	B	37	D	61	C	85	B	109	C
14	A	38	D	62	D	86	D	110	B
15	C	39	D	63	*	87	B	111	A
16	B	40	C	64	B	88	B	112	B
17	C	41	C	65	A	89	A	113	B
18	B	42	C	66	C	90	D	114	D
19	C	43	D	67	B	91	A	115	A
20	B	44	B	68	D	92	C	116	B
21	A	45	A	69	D	93	A	117	A
22	B	46	A	70	B	94	D	118	A
23	C	47	B	71	C	95	B	119	B
24	C	48	C	72	*	96	D	120	C

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COMPETITIVE EXAM DATE: 12-08-2025

ADVT. NO.- 202279

ANSWER KEY SET - [C]

Q.No.	Answer	Q.No.	Answer	Q.No.	Answer	Q.No.	Answer	Q.No.	Answer
1	A	25	C	49	D	73	*	97	B
2	B	26	B	50	C	74	B	98	B
3	B	27	C	51	C	75	A	99	A
4	D	28	B	52	C	76	C	100	D
5	A	29	C	53	D	77	B	101	A
6	B	30	B	54	B	78	D	102	C
7	A	31	A	55	A	79	D	103	A
8	A	32	B	56	A	80	B	104	D
9	B	33	C	57	B	81	C	105	B
10	C	34	C	58	C	82	*	106	D
11	D	35	C	59	B	83	D	107	A
12	A	36	C	60	C	84	D	108	B
13	A	37	A	61	C	85	D	109	B
14	C	38	B	62	C	86	C	110	C
15	A	39	B	63	B	87	B	111	B
16	B	40	A	64	A	88	C	112	A
17	B	41	B	65	C	89	C	113	C
18	*	42	C	66	A	90	C	114	B
19	B	43	B	67	C	91	D	115	A
20	D	44	B	68	D	92	B	116	D
21	D	45	D	69	B	93	D	117	C
22	A	46	C	70	A	94	B	118	B
23	B	47	D	71	C	95	B	119	C
24	A	48	D	72	D	96	D	120	B

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PUNJAB PUBLIC SERVICE COMMISSION

REVISED ANSWER KEY FOR THE RECRUITMENT TO THE POSTS OF REMOTE SENSING AND GEOGRAPHIC
INFORMATION SYSTEM OFFICER (GROUP-B) IN THE DEPARTMENT OF HOUSING AND URBAN
DEVELOPMENT (DIRECTORATE OF TOWN AND COUNTRY PLANNING)

COMPETITIVE EXAM DATE: 12-08-2025

ADVT. NO.- 202279

ANSWER KEY SET - [D]

Q.No.	Answer	Q.No.	Answer	Q.No.	Answer	Q.No.	Answer	Q.No.	Answer
1	B	25	A	49	B	73	B	97	B
2	A	26	B	50	A	74	A	98	C
3	C	27	B	51	B	75	C	99	C
4	B	28	*	52	C	76	A	100	C
5	A	29	B	53	B	77	C	101	D
6	D	30	D	54	B	78	D	102	B
7	C	31	D	55	D	79	B	103	D
8	B	32	A	56	C	80	A	104	B
9	C	33	B	57	D	81	C	105	B
10	B	34	A	58	D	82	D	106	D
11	A	35	C	59	D	83	*	107	B
12	B	36	B	60	C	84	B	108	B
13	B	37	C	61	C	85	A	109	A
14	D	38	B	62	C	86	C	110	D
15	A	39	C	63	D	87	B	111	A
16	B	40	B	64	B	88	D	112	C
17	A	41	A	65	A	89	D	113	A
18	A	42	B	66	A	90	B	114	D
19	B	43	C	67	B	91	C	115	B
20	C	44	C	68	C	92	*	116	D
21	D	45	C	69	B	93	D	117	A
22	A	46	C	70	C	94	D	118	B
23	A	47	A	71	C	95	D	119	B
24	C	48	B	72	C	96	C	120	C

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