

Test Booklet No. \_\_\_\_\_

This booklet consists of 100 questions and \_\_ printed pages.

RGUCET/2025/06

Series

A

**RGUCET 2025**  
**Common Entrance Test, 2025**  
**MASTER OF ARTS IN GEOGRAPHY**

**Full Marks: 100**

**Time: 2 Hours**

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Roll No.

Day and Date of Examination: \_\_\_\_\_

Signature of Invigilator(s) \_\_\_\_\_

Signature of Candidate \_\_\_\_\_

*General Instructions:*

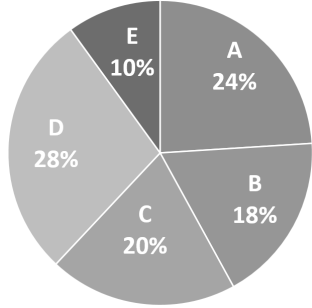
***PLEASE READ ALL THE INSTRUCTIONS CAREFULLY BEFORE MAKING ANY ENTRY.***

1. DO NOT OPEN THIS TEST BOOKLET UNTIL YOU ARE TOLD TO DO SO.
2. Candidate must write his/her Roll Number on the space provided.
3. This Test Booklet contains 100 Multiple Choice Questions (MCQs) from the concerned subject. Each question carries 1 mark. There shall be negative marking of 0.25 against each wrong attempt.
4. Please check the Test Booklet to verify that the total pages and total number of questions contained in the test booklet are the same as those printed on the top of the first page. Also check whether the questions are in sequential order or not.
5. Candidates are not permitted to enter into the examination hall after the commencement of the entrance test or leave the examination hall within one hour thirty minutes.
6. Making any identification mark in the OMR Answer Sheet or writing Roll Number anywhere other than the specified places will lead to disqualification of the candidate.
7. Candidates shall maintain silence inside and outside the examination hall. If candidates are found violating the instructions mentioned herein or announced in the examination hall, they will be summarily disqualified from the entrance test.
8. In case of any dispute, the decision of the Entrance Test Committee shall be final and binding.
9. The OMR Answer Sheet consists of two copies, the Original copy and the Student's copy.

1	Arrange the following to make a sentence. 1. (plates move), 2. (the asthenosphere), 3. (typically at a rate of), 4. (a few centimeters per year) 5. (slowly over)				Answer								
	a) 1,5,4,3,2,	b) 1,5,2,3,4	c) 1,2,3,4,5	d) 2,3,4, 5,1	b								
2	Match the Synonyms: <table><tr><td>A. Correct</td><td>i. Kind</td></tr><tr><td>B. Typical</td><td>ii. Amaze</td></tr><tr><td>C. Considerate</td><td>iii. Precise</td></tr><tr><td>D. Astonish</td><td>iv. Characteristic</td></tr></table>				A. Correct	i. Kind	B. Typical	ii. Amaze	C. Considerate	iii. Precise	D. Astonish	iv. Characteristic	Answer
A. Correct	i. Kind												
B. Typical	ii. Amaze												
C. Considerate	iii. Precise												
D. Astonish	iv. Characteristic												
	a) A-ii, B-iv, C-i, D-iii	b) A-iii, B-i, C-iv, D-ii	c) A-iii, B-iv, C-i, D-ii	d) A-i, B-ii, C-iv, D-iii	c								
3	Which of the following are grammatically correct sentences?  A. The Earth's atmosphere are structured into several layers based on temperature. B. Hydrological cycle is the continuous movement of water through various forms and locations. C. Friendly contacts between different peoples facilitate the cultural and economic interchange. D. Statistic show that there has been a rise in the number of migrant workers.				Answer								
	a) A and D are correct	b) A, C and D are correct	c) B and C are correct	d) C and D are correct	c								
4	Assertion(A): In grammar, "voice" refers to how a verb's form indicates whether the subject is performing the action or receiving it.  Justification(B): Active voice is more direct and emphasizes who is doing the action.  In light of the above statements, choose the correct answer from the options given below:				Answer								
	a) Assertion is true; justification is true; but it does not justify the A	b) Assertion is true; justification is not true.	c) Assertion is false; justification is true.	d) Assertion is true; justification is true; it justifies the A	a								

5	Match the antonyms:				A-ii, B-iv, C-i, D-iii
A. Blunt		i. Eternal			
B. Defense		ii. Sharp			
C. Ephemeral		iii. Modern			
D. Antique		iv. Attack			
	a) A-ii, B-iv, C-i, D-iii	b) A-iii, B-i, C-iv, D-ii	c) A-iii, B-iv, C-i, D-ii	d) A-i, B-ii, C-iv, D-iii	a
6	Scientists studying collisions of atomic nuclei at the _____ an “atom smasher” that recreates the conditions of the early universe — discovered the heaviest antimatter nucleus ever detected.				Relativistic Heavy Ion Collider
	a) Hadron collider	b) Electron–Positron Collider	c) International Linear Collider	d) Relativistic Heavy Ion Collider	d
7	Match the following pairs:				A-iv, B-ii, C-i, D-iii
A. Resident Alien		i. Movie			
B. Usha Uthup		ii. Singer			
C. Bhediya		iii. Dance			
D. Chhau		iv. Television show			
	a) A-ii, B-iii, C-i, D-iv	b) A-iv, B-ii, C-i, D-iii	c) A-i, B-ii, C-iii, D-iv	d) A-iv, B-iii, C-i, D-ii	b
8	Identify the correct statements: A. Mumbai is located in the east of Nagpur. B. Konkan coast is on the side of Bay of Bengal. C. Sun rises first in Darjeeling then in Kolkata. D. The longest train route in India is the Dibrugarh-Kanyakumari Vivek Express.				
	a) A & B Only	b) A & C Only	c) B & C Only	d) C & D Only	d
9	India became the world's 5th largest economy in _____, surpassing the _____ to achieve this milestone.				2021, UK
	a) 2023, Japan	b) 2021, UK	c) 2022, France	d) 2020, Germany	b
10	Which of the following Indian Army officer, who won 2020 Tokyo Olympic Gold medal in javelin, has been conferred the honorary rank of Lieutenant Colonel?				Neeraj Chopra
	a) Abhinandan Varthaman	b) Neeraj Chopra	c) Manpreet Singh	d) Aashish Dhonchak	b
11	Last Summer Olympics 2024 was conducted in _____ and Summer Olympics 2028 will be held in _____.				Paris, Los Angeles

	a) Paris, Los Angeles	b) Paris, Brisbane	c) Tokyo, New Delhi	d) London, Paris	a								
12	Match the pairs: <table><tr><td>A. Analgesics</td><td>i. Relieve pain</td></tr><tr><td>B. Antibiotics</td><td>ii. Fight bacterial infections</td></tr><tr><td>C. Anticonvulsants</td><td>iii. Prevent or control seizures</td></tr><tr><td>D. Anticoagulants</td><td>iv. Prevent blood clots</td></tr></table>				A. Analgesics	i. Relieve pain	B. Antibiotics	ii. Fight bacterial infections	C. Anticonvulsants	iii. Prevent or control seizures	D. Anticoagulants	iv. Prevent blood clots	A-i, B-ii, C-iii, D-iv
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B. Antibiotics	ii. Fight bacterial infections												
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	a) A-ii, B-iii, C-i, D-iv	b) A-iii, B-i, C-ii, D-iv	c) A-iv, B-iii, C-ii, D-i	d) A-i, B-ii, C-iii, D-iv	d								
13	Identify the correct statements:  A. India launched its first survey of high-risk glacial lakes in 2024. B. It is part of the National Glacial Lake Outburst Flood (GLOF) Mission C. The survey aims to assess pollution level. D. It started with Tawang and Dibang Valley, Arunachal Pradesh.				A- True, B- True, C- False, D- true								
	a) A & B Only	b) A, B & D Only	c) A & C Only	d) A, C & D Only	b								
14	The Central Consumer Protection Authority (CCPA) is implementing guidelines to prevent and regulate misleading environmental claims or "_____".				Greenwashing								
	a) Greendust	b) Green-notice	c) Greenwashing	d) Green treatment	c								
15	Match the pairs: <table><tr><td>A. Brucellosis disease</td><td>i. Assam</td></tr><tr><td>B. Jhumoir Binandini</td><td>ii. 1992</td></tr><tr><td>C. SAARC Visa Exemption Scheme</td><td>iii. Bacteria</td></tr><tr><td>D. Thalassemia</td><td>iv. Genetic blood disorder</td></tr></table>				A. Brucellosis disease	i. Assam	B. Jhumoir Binandini	ii. 1992	C. SAARC Visa Exemption Scheme	iii. Bacteria	D. Thalassemia	iv. Genetic blood disorder	A-iii, B-i, C-ii, D-iv
A. Brucellosis disease	i. Assam												
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	a) A-ii, B-iii, C-i, D-iv	b) A-iii, B-i, C-ii, D-iv	c) A-iv, B-iii, C-ii, D-i	d) A-i, B-ii, C-iii, D-iv	b								
16	Match the pairs: <table><tr><td>A. Hypotenuse</td><td>i. <math>r^2 = x^2 + y^2</math></td></tr><tr><td>B. Area of triangle</td><td>ii. <math>\sqrt{\text{base}^2 + \text{perpendicular}^2}</math></td></tr><tr><td>C. Circle</td><td>iii. <math>Y = a + bX</math></td></tr><tr><td>D. Line</td><td>iv. <math>\sqrt{s(s - a)(s - b)(s - c)}</math></td></tr></table>				A. Hypotenuse	i. $r^2 = x^2 + y^2$	B. Area of triangle	ii. $\sqrt{\text{base}^2 + \text{perpendicular}^2}$	C. Circle	iii. $Y = a + bX$	D. Line	iv. $\sqrt{s(s - a)(s - b)(s - c)}$	A-ii, B-iv, C-i, D-iii
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B. Area of triangle	ii. $\sqrt{\text{base}^2 + \text{perpendicular}^2}$												
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D. Line	iv. $\sqrt{s(s - a)(s - b)(s - c)}$												
	a) A-ii, B-iii, C-iv, D-i	b) A-iii, B-i, C-ii, D-iv	c) A-iii, B-i, C-iv, D-ii	d) A-ii, B-iv, C-i, D-iii	d								

17	<p>Total number of workers is 2100 in different sectors: A,B,C,D,E</p>  <p>What is the difference between the total number of workers in sector A and E.</p>				294
	a) 194	b) 176	c) 214	d) 294	d
18	<p>Assertion: The recent drought in Nirjuli has caused a noticeable decrease in the number of certain plant species, particularly those reliant on consistent rainfall.</p> <p>Conclusion: The reduction in plant populations in Nirjuli will likely lead to a decrease in the number of animals that feed on these plants.</p>				Both statement and conclusion are correct conclusion explains the statement.
	a) Both Assertion and conclusion are correct and conclusion explains the statement.	b) Assertion is true and conclusion is wrong, however conclusion explains the assertion.	c) Both assertion and conclusion are false but conclusion explains the assertion.	d) Both assertion and conclusion are correct, but the conclusion does not explain the assertion.	a
19	<p>Statements: All engineers are educated. Some educated people are researchers.</p> <p>Conclusion: I. Some researchers are engineers. II. Either some engineers are researchers, or all researchers are engineers.</p> <p>Choose correct conclusion(s) from the options given below:</p>				Neither conclusion I nor II
	a) Both conclusions I and II	b) Neither conclusion I nor II	c) Only conclusion I	d) Only conclusion II	b
20	<p>If a bag contains 4 apples, 6 bananas, and 10 oranges, what is the probability of randomly picking an apple?</p>				0.2
	a) 0.4	b) 0.2	c) 4	d) 0.25	b

21	What term describes the ratio between a distance on a map and the corresponding distance on the ground?				Answer								
	a) Legend	b) Scale	c) Projection	d) Grid	b								
22	Which map type uses colour shading to represent statistical data (e.g., Population)?				Answer								
	a) Topographic	b) Choropleth	c) Political	d) Thematic	b								
23	Which of the following statements are True?  A. Contour lines on a topographic map indicate elevation. B. Latitude lines run from north to south. C. A choropleth map uses colours to show population density. D. All map projections preserve shape and area equally.				Answer								
	a) A & C Only	b) A & D Only	c) A, B & C Only	d) All of the above	a								
24	Given below are two statements: One is labeled as Assertion (A) and the other is labeled as Justification (B): A: Assertion: The Mercator’s projection is ideal for navigation. B: Justification: It preserves angles and directions accurately.  In light of the above statements, choose the correct answer from the options given below:				Answer								
	a) Both A and B are true, and B explains A	b) Both A and B are true but B is NOT the correct explanation of A	c) A is true but B is false	d) A is false but B is true	a								
25	Match the following pairs: <table><tr><td>A. Mercator</td><td>i. Equal-area projection</td></tr><tr><td>B. Peters</td><td>ii. Compromise projection for world maps.</td></tr><tr><td>C. Azimuthal</td><td>iii. Accurate directions but distorted areas</td></tr><tr><td>D. Robinson</td><td>iv. Shows true distances from a central point.</td></tr></table>				A. Mercator	i. Equal-area projection	B. Peters	ii. Compromise projection for world maps.	C. Azimuthal	iii. Accurate directions but distorted areas	D. Robinson	iv. Shows true distances from a central point.	Answer
A. Mercator	i. Equal-area projection												
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D. Robinson	iv. Shows true distances from a central point.												
	a) A-iii, B-i, C-iv, D-ii	b) A-iii, B-iv, C-ii, D-i	c) A-iv, B-ii, C-i, D-iv	d) A-iv, B-i, C-iii, D-ii	a) A-iii, B-i, C-iv, D-ii								

26	What is the primary cause of the Coriolis effect?				Answer
	a) Earth's Rotation	b) Solar Radiation	c) Ocean Currents	d) Atmospheric pressure	a
27	Which of the following statements are false? A. The stratosphere contains the ozone layer. B. El Nino cause cooler-than-average sea surface temperature in the Pacific. C. The ITCZ is associated with heavy rainfall. D. Katabatic winds flow uphill.				Answer
	a) A & B Only	b) B & D Only	c) C & D Only	d) A & D Only	b
28	Given below are two statements: One is labeled as Assertion (A) and the other is labeled as Justification (B):  A: Assertion: Coastal regions experiences smaller temperature variations than inland areas. B: Justification: Water has a higher specific heat capacity than land.  In light of the above statements, choose the correct answer from the options given below:				Answer
	a) Both A and B are true and B is the correct explanation of A	b) Both A and B are true but B is NOT the correct explanation of A	c) A is true but B is false	d) A is false but B is true	a
29	Match the climate zones with their characteristics:				Answer
	A. Tropical		i) Extreme cold, ice-covered		
	B. Temperate		ii) High rainfall, dense forests		
	C. Polar		iii). Moderate seasons		
	D. Arid		iv). Low precipitation		
	a)) A-ii, B-iii, C-i, D-iv	b) A-i, B-iii, C-ii, D-iv	c)) A-iii, B-ii, C-i, D-iv	d) A-ii, B-iv, C-iii, D-iv	a
30	Match the instruments with their functions:				Answer
	A. Barometer		i) Measures humidity		
	B. Anemometer		ii) Measure solar radiation		
	C. Hygrometer		iii) Measure atmospheric pressure		
	D. Pyranometer		iv) Measure wind speed		

	a) A-iii, B-iv, C-i, D-ii	b) A-ii, B-iv, C-i, D-iii	c) A-iii, B-iv, C-ii, D-i	d) A-i, B-iv, C-iii, D-ii	a
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31	Which latitude passes through the center of India?				Answer								
	a) Tropic of Cancer	b) Equator	c) Tropic of Capricorn	d) Arctic Circle	a								
32	Calculate the population density of Uttar Pradesh (Population: 240 million; Area: 243000 sq. km)				Answer								
	a)1024/sq. km	b) 876/sq. km	c) 980/sq. km	d) 987/sq. km	d								
33	<p>Given below are two statements: One is labeled as Assertion (A) and the other is labeled as Justification (B):</p> <p>A: Assertion: India has a tropical Monsoon Climate.</p> <p>B: Justification: It lies between the Tropic of Cancer and Equator.</p> <p>In light of the above statements, choose the correct answer from the options given below:</p>				Answer								
	a) Both A and B are true and B is the correct explanation of A	b) Both A and B are true but B is NOT the correct explanation of A	c) A is true but B is false	d) A is false but B is true	a								
34	<p>Match the National Parks with their states:</p> <table><tr><td>A. Kaziranga</td><td>i) West Bengal</td></tr><tr><td>B. Ranthambore</td><td>ii) Rajasthan</td></tr><tr><td>C. Sundarbans</td><td>iii) Assam</td></tr><tr><td>D. Periyar</td><td>iv) Kerala</td></tr></table>				A. Kaziranga	i) West Bengal	B. Ranthambore	ii) Rajasthan	C. Sundarbans	iii) Assam	D. Periyar	iv) Kerala	Answer
A. Kaziranga	i) West Bengal												
B. Ranthambore	ii) Rajasthan												
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	a) A-iii, B-ii, C-i, D-iv	b) A-i, B-ii, C-ii, D-iv	c) A-ii, B-iii, C-i, D-iv	d) A-iv, B-ii, C-i, D-iii	a								
35	<p>Which of the following statements are true?</p> <p>A. The Western Ghats are older than the Himalayas.</p> <p>B. Chennai is the capital of Kerala.</p> <p>C. The Tropic of Cancer passes through Madhya Pradesh.</p> <p>D. Rann of Kutch is located in West Bengal.</p>				Answer								
	a) A & B Only	b) A & C Only	c) A & D Only	d) B & C Only	b								
36	What does the term “spatial autocorrelation” measure?				Answer								
	a) Temporal trends in data.	b) Relationship between variables across geographic space.	c) Central tendency of a dataset.	d) Variability in population	b								



				density.									
37	Which measure evaluates the spread of data points around a geographic centroid?				Answer								
	a) Standard Deviation	b) Standard Distance	c) Mean Center	d) Spatial Median	b								
38	Given below are two statements: One is labeled as Assertion (A) and the other is labeled as Justification (B):  A: Assertion: The Gini’s coefficient ranges between 0 and 1.  B: Justification: A value of 1 indicates perfect equality in distribution.  In light of the above statements, choose the correct answer from the options given below:				Answer								
	a) Both A and B are true and B is the correct explanation of A	b) Both A and B are true but B is NOT the correct explanation of A	c) A is true but B is false	d) A is false but B is true	a								
39	Match the following pairs: <table><tr><td>A. Isopleth Map</td><td>i. Represents movement between locations.</td></tr><tr><td>B. Dot Density Map</td><td>ii. Uses lines to show equal values.</td></tr><tr><td>C. Proportional Symbol Map</td><td>iii. Shows density with dots.</td></tr><tr><td>D. Flow Map</td><td>iv. Scales symbols by data magnitude.</td></tr></table>				A. Isopleth Map	i. Represents movement between locations.	B. Dot Density Map	ii. Uses lines to show equal values.	C. Proportional Symbol Map	iii. Shows density with dots.	D. Flow Map	iv. Scales symbols by data magnitude.	Answer
A. Isopleth Map	i. Represents movement between locations.												
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D. Flow Map	iv. Scales symbols by data magnitude.												
	a) A-ii, B-iv, C-i, D-iii	b) A-iv, B-ii, C-iii, D-i	c) A-ii, B-iii, C-iv, D-i	d) A-iv, B-i, C-ii D-iii	c								
40	What does a “quintile map” display?				Answer								
	a) Data divides into four equal categories	b) Data divided into five equal categories	c) Data ranked by magnitude	d) Data normalized by area	b								

41	Which of the following is NOT a secondary consumer?				Answer
	a) Snake	b) Wolf	c) Birds	d) Rabbit	<b>d</b>
42	<p>Taiga Biome is characterized by:</p> <p>A. Thin podzols.</p> <p>B. Soil is rich in nutrients.</p> <p>C. Coniferous trees are found in this region.</p> <p>D. Conifers shed their leaves frequently.</p> <p>Choose the correct answer from the options given below:</p>				Answer
	a) A & C Only	b) B & C Only	c) A, B & C Only	d) B, C & D Only	<b>a</b>

43	Given below are two statements: One is labeled as Assertion (A) and the other is labeled as Justification (B):  A: Assertion: The Ocean is the most stable ecosystem.  B: Justification: It is due to the natural liquid nature (saline), dissolved oxygen, light, and temperature.  In light of the above statements, choose the correct answer from the options given below:				Answer								
	a) Both A and B are true and B is the correct explanation of A	b) Both A and B are true but B is NOT the correct explanation of A	c) A is true but B is false	d) A is false but B is true	<b>a</b>								
44	Match the following with the appropriate choices: <table border="1"><tr><td>A. Fragmentation</td><td>i. Dark-coloured amorphous substance.</td></tr><tr><td>B. Leaching</td><td>ii. Bacterial and fungal enzymes.</td></tr><tr><td>C. Humification</td><td>iii. Detritivores (Earthworms).</td></tr><tr><td>D. Catabolism</td><td>iv. Water-soluble inorganic nutrients.</td></tr></table>				A. Fragmentation	i. Dark-coloured amorphous substance.	B. Leaching	ii. Bacterial and fungal enzymes.	C. Humification	iii. Detritivores (Earthworms).	D. Catabolism	iv. Water-soluble inorganic nutrients.	Answer
A. Fragmentation	i. Dark-coloured amorphous substance.												
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D. Catabolism	iv. Water-soluble inorganic nutrients.												
	a) A-iii, B-iv, C-i, D-ii	b) A-ii, B-iv, C-iii, D-i	c) A-iii, B-i, C-iv, D-ii	d) A-ii, B-iii, C-i, D-iv	<b>a</b>								
45	The average amount of organic matter transferred from one trophic level to the next is:				Answer								
	a) 0.1%	b) 1%	c) 5%	d) 10%	<b>d</b>								

46	Which of the following is <b>not</b> a secondary sector activity?				Answer
	a) Weaving cloths	b) Mining coal	c) Food processing	d) Basket weaving	<b>b</b>
47	Which of the following surface transport modes is related to the least friction?				Answer
	a) National highway	b) Village road	c) Railways	d) State highway	<b>c</b>
48	<p>Given below are two statements: One is labeled as Assertion (A) and the other is labeled as Justification (B):</p> <p>A: Assertion: Footloose industries can be established at any place.</p> <p>B: Justification: They are affected by component parts and not much by raw materials.</p> <p>In light of the above statements, choose the correct answer from the options given below:</p>				Answer
	a) Both A and B are true and B is the correct	b) Both A and B are true but B is NOT the correct	c) A is true but B is false	d) A is false but B is true	<b>a</b>

	explanation of A	explanation of A											
49	Given below are two statements: One is labeled as Assertion (A) and the other is labeled as Justification (B):  A: Assertion: Flow resources can only be natural resources.  B: Justification: Examples include running water, tides, geothermal, winds, etc.  In light of the above statements, choose the correct answer from the options given below:				Answer								
	a) Both A and B are true and B is the correct explanation of A	b) Both A and B are true but B is NOT the correct explanation of A	c) A is true but B is false	d) A is false but B is true	<b>b</b>								
50	Which of the following modes of transport uses dynamic pricing in India?				Answer								
	a) Bus	b) Ship	c) Airplane	d) Pipeline	<b>c</b>								
51	Geographia Generalis was written by:				Answer								
	a) Humboldt	b) Ratzel	c) Varenus	d) Richthofen	<b>c</b>								
52	Which Perspective in Geography is associated with Antipode?				Answer								
	a) Behavioralism	b) Radicalism	c) Positivism	d) Pragmatism	<b>b</b>								
53	Match the following with the appropriate choices: <table border="1"><tr><td>A. <i>Akshansa</i></td><td>i. South Pole</td></tr><tr><td>B. <i>Deshantra</i></td><td>ii. Longitudes</td></tr><tr><td>C. <i>Meru</i></td><td>iii. Latitudes</td></tr><tr><td>D. <i>Badavanala</i></td><td>iv. North Pole</td></tr></table>				A. <i>Akshansa</i>	i. South Pole	B. <i>Deshantra</i>	ii. Longitudes	C. <i>Meru</i>	iii. Latitudes	D. <i>Badavanala</i>	iv. North Pole	Answer
A. <i>Akshansa</i>	i. South Pole												
B. <i>Deshantra</i>	ii. Longitudes												
C. <i>Meru</i>	iii. Latitudes												
D. <i>Badavanala</i>	iv. North Pole												
	a) A-iii, B-iv, C-i, D-ii	b) A-ii, B-iii, C-iv, D-i	c) A-iii, B-ii, C-iv, D-i	d) A-ii, B-iv, C-i, D-iii	<b>c</b>								
54	Given below are two statements: One is labeled as Assertion (A) and the other is labeled as Justification (B):  A: Assertion: Nomothetic and idiographic are the terms used by Wilhelm Windelband.  B: Justification: Nomothetic is a subjective and qualitative approach; in contrast, idiographic is an objective and quantitative approach.  In light of the above statements, choose the correct answer from the options given below:				Answer								
	a) Both A and B are true and B is the correct	b) Both A and B are true but B is NOT the correct	c) A is true but B is false	d) A is false but B is true	<b>c</b>								

	explanation of A	explanation of A			
55	Structuralism is defined as:				Answer
	a) The whole of anything is greater than its parts.	b) The sum total of experience from birth to the present.	c) Black box theory of mind.	d) A method of introspection.	<b>b</b>
56	A region that has remained undisturbed while an adjacent area has been affected by mountain-making movements is called as:				Answer
	a) Lithogenesis	b) Kratogen	c) Orogenesis	d) Substratum	<b>b</b>
57	The breaks in slope in the longitudinal profile of a river is called as:				Answer
	a) Hillslope point	b) Incised point	c) Knick Points	d) Steep point	<b>c</b>
58	<p>Given below are two statements: One is labeled as Assertion (A) and the other is labeled as Justification (B):</p> <p><b>Assertion (A):</b> Alluvial Channels develop in the regions of sedimentation or alleviation mostly fluvial origin.</p> <p><b>Justification (B):</b> They are characterized by degradation, aggradation and again degradation.</p> <p>In light of the above statements, choose the correct answer from the options given below:</p>				Answer
	a) Both A and B are true and B is the correct explanation of A	b) Both A and B are true but B is NOT the correct explanation of A	c) A is true but B is false	d) A is false but B is true	<b>a</b>
59	Bifurcation ratio (R <sub>b</sub> ) is:				Answer
	a) $N_\mu/N_{\mu+1}$	b) $N_{\mu-1}/N_{\mu+1}$	c) $N_\mu/N_{\mu-1}$	d) $N_{\mu+1}/N_{\mu-1}$	<b>a</b>
60	In Horton's Form factor (F) = $A/L^2$ , 'L' signifies:				Answer
	a) Basin slope	b) Basin roughness	c) Basin length	d) Basin shape	<b>c</b>
61	Who has defined Human Geography as the study of relationship between human societies and earth's surface?				Answer
	a) Ratzel	b) Ellen Semple	c) Blasche	d) Al Idrisi	<b>a</b>
62	Who coined the term neo-determinism?				Answer
	a) Griffith Taylor	b) Ratzel	c) Blache	d) Christaller	<b>a</b>

63	Choose the correct statements from the following with respect to Deterministic approach: A) It states that Man is in absolute control of nature. B) Man is not at all in control of nature. C) Nature gives a number of possibilities to man. D) None of the above.				Answer								
	a) A & B is correct	b) B, C & D is correct	c) Only A is Correct	d) Only D is correct	c								
64	Match the following: <table><tr><td>A). Herodotus</td><td>i). Development of historiography</td></tr><tr><td>B). Ptolomy</td><td>ii). Comprehensive Astronomical foundation</td></tr><tr><td>C). Al-Baruni</td><td>iii). Mathematical physical and Regional Geography</td></tr><tr><td>D). Hippanchunt</td><td>iv). Developed Grid of latitude and longitude and early trigonometric tables</td></tr></table>				A). Herodotus	i). Development of historiography	B). Ptolomy	ii). Comprehensive Astronomical foundation	C). Al-Baruni	iii). Mathematical physical and Regional Geography	D). Hippanchunt	iv). Developed Grid of latitude and longitude and early trigonometric tables	Answer
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65	Stop and go determinism is also known as:				Answer								
	a) Possibilism	b) Determinism	c) Neo-determinism	d) None of the above	c								
66	Isohalines are the isopleths of:				Answer								
	a) Salinity	b) Ocean temperature	c) Hail	d) Ocean pressure	a								
67	Longest strait of the world is:				Answer								
	a) Malaka Strait	b) Palk Strait	c) Borrow Strait	d) Tartat Strait	a								
68	Ocean currents are produced due to:				Answer								
	a) Radiation	b) Temperature	c) Imbalance of heat	d) Earth's movement	c								
69	The zone which lies between high and low water line is known as:				Answer								
	a) Littoral zone	b) Abyssal Zone	c) Bathyal zone	d) Shallow water zone	a								
70	Given below are two statements: One is labeled as Assertion (A) and the other is labeled as Justification (B): <b>Assertion (A):</b> Continental shelves are very useful to man.				Answer								

	<b>Justification (B):</b> Marine food comes entirely from continental shelves.												
	In light of the above statements, choose the correct answer from the options given below:												
	a) Both A and B are true and B is the correct explanation of A	b) Both A and B are true but B is NOT the correct explanation of A	c) A is true but B is false	d) A is false but B is true	a								
71	Which of the following states in India is traversed by Tropic of Cancer passes? A. Uttar Pradesh, B. Chattisgarh, C. Gujarat D. Jharkhand E. Odisha				Answer								
	a) C, D, E	b) A, C, E	c) B, C, D	d) A, B, C	c								
72	Which among the following is the origin of Damodar river?				Answer								
	a) Greater Himalaya	b) Kumaon Himalaya	c) Sahyadri	d) Chotanagpur Plateau	d								
73	Given below are two statements: One is labeled as Assertion (A) and the other is labeled as Justification (B):  <b>Assertion (A):</b> Our country has practically all major physical features of the earth i.e., Mountains, Plains, Deserts, Plateaus and Islands. <b>Justification (B):</b> The land of India displays great physical variation.  In light of the above statements, choose the correct answer from the options given below:				Answer								
	a) Both A and B are true and B is the correct explanation of A	b) Both A and B are true but B is NOT the correct explanation of A	c) A is true but B is false	d) A is false but B is true	b								
74	Match the following: <table><tr><td>A. 'Bangar' and 'Khadar'</td><td>i. Southern most range of Himalayas</td></tr><tr><td>B. Siwalik</td><td>ii. Oldest mountain range</td></tr><tr><td>C. Sahyadris</td><td>iii. Soils of Northern Plains</td></tr><tr><td>D. Aravali Mountains</td><td>iv. Western Ghats</td></tr></table>				A. 'Bangar' and 'Khadar'	i. Southern most range of Himalayas	B. Siwalik	ii. Oldest mountain range	C. Sahyadris	iii. Soils of Northern Plains	D. Aravali Mountains	iv. Western Ghats	Answer
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75	The main determinant of population change is :				Answer								
	a) Fertility	b) Mortality	c) Migration	d) All of these	d								
76	Age pyramid is important to know:				Answer								
	a) Age structure of population	b) The sex structure of population	c) The average age of the population	d) None of these	a								
77	Which of the following statement(s) on desert population is/are true?  A). Oases are places of dense settlements in the deserts. B). Mid latitude deserts face the problem of water scarcity as well as extremes of temperature. C). Oasis settlements are associated with water resources. D). The population density in the desert is decreasing exponentially.				Answer								
	a) A & B	b) A, C & D	c) A, B & C	d) A & C	c								
78	Match the following pairs: <table border="1"><tr><td>A). Crude birth rate</td><td>i). Birth over death per thousand of population.</td></tr><tr><td>B). General Fertility Rate</td><td>ii). Number of death per thousand of population.</td></tr><tr><td>C). Natural Increase in Population</td><td>iii). Ratio between no. of birth and no. of females in productive stage.</td></tr><tr><td>D). Death rate</td><td>iv). Ratio between no. of births and total population.</td></tr></table>				A). Crude birth rate	i). Birth over death per thousand of population.	B). General Fertility Rate	ii). Number of death per thousand of population.	C). Natural Increase in Population	iii). Ratio between no. of birth and no. of females in productive stage.	D). Death rate	iv). Ratio between no. of births and total population.	Answer
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79	The highest population growth rates occurs in:				Answer								
	a) Highly developed countries	b) Developing countries	c) Under developed countries	d) None of these.	c								
80	Choose the true statement from the following:  Third Stage in the demographic transition is characterized by: A) High birth rate and high death rate. B) High birth rate and rapidly declining death rate. C) Low death rate and rapidly declining birth rate. D) Low birthrate and Low death rate.				Answer								
	a) A & B	b) B & C	c) Only D	d) A & D	c								
81	The number of “Million plus “cities in the world are:				Answer								

	a) 100	b) 200	c) 400	d) 500+	d								
82	Which one is the most important factor affecting the density of population?				Answer								
	a) Climate	b) Relief	c) Soils	d) Water	a								
83	What is the basic output of GIS or spatial data analysis system?				Answer								
	a) Software	b) Numbers	c) Locations	d) Map	d								
84	Which wavelength of electromagnetic radiation is used for vegetation monitoring in remote sensing?				Answer								
	a) Radio waves	b) Near- infrared	c) X - rays	d) Ultraviolet	b								
85	Match the following: <table border="1"><tr><td>A. Launch of TIROS meteorological satellite</td><td>i. 1972</td></tr><tr><td>B. Launch Landsat – 1 (ERTS-1)</td><td>ii. 1909</td></tr><tr><td>C. Discovery of Infrared</td><td>iii. 1960</td></tr><tr><td>D. Photography from Airplanes</td><td>iv. 1800</td></tr></table>				A. Launch of TIROS meteorological satellite	i. 1972	B. Launch Landsat – 1 (ERTS-1)	ii. 1909	C. Discovery of Infrared	iii. 1960	D. Photography from Airplanes	iv. 1800	Answer
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86	Which is the fundamental method of representing GIS entities?				Answer								
	a) Mapping method	b) Drawing method	c) Raster method	d) GIS method	c								
87	Given below are two statements: One is labeled as Assertion (A) and the other is labeled as Justification (B):  <b>Assertion (A):</b> GIS overlay analysis combines spatial data layers to derive new information. <b>Justification (B):</b> Overlay analysis is commonly used to perform topological operations on vector data.  <b>In light of the above statements, choose the correct answer from the options given below:</b>				Answer								
	a) Both A and B are true, and B is the correct explanation of A.	b) Both A and B are true, but B does not explain A correctly.	c) A is true, but B is false.	d) A is false, but B is true.	a								
88	Which remote sensing sensor is commonly used for capturing high-resolution aerial imagery?				Answer								
	a) LiDAR	b) MODIS	c) Hyperion	d) Landsat	d								



89	Which of the following is a biotic resource?				Answer
	a) Talc	b) Gypsum	c) Algae	d) Calcite	<b>c</b>
90	Which year has been a landmark in the demographic history of India?				Answer
	a) 1901	b) 1921	c) 1931	d) 1991	<b>b</b>
91	Identify the <b>non-matching pairs</b> from the following:				Answer
	A. Manganese	i. Chromite			
	B. Bauxite	ii. Copper Ore			
	C. Apatite	iii. Gypsum			
	D. Lead	iv. Rock Phosphate			
	a) A-i	b) B-ii	c) C-iii	d) D-iv	<b>d</b>
92	Which of the following is a known Buffalo breed of India?				Answer
	a) Kankrej	b) Dangi	c) Murrah	d) Gaolao	<b>c</b>
93	Given below are two statements: One is labeled as Assertion (A) and the other is labeled as Justification (B):  A: Assertion: Mixed farming promotes sustainable agriculture.  B: Justification: As it combines crop cultivation and livestock rearing on the same farm.  In light of the above statements, choose the correct answer from the options given below:				Answer
	a) Both A and B are true and B is the correct explanation of A	b) Both A and B are true but B is NOT the correct explanation of A	c) A is true but B is false	d) A is false but B is true	<b>a</b>
94	Based on types, find out the <b>wrong pair</b> of crops from the following:				Answer
	A. Wheat	i. Barley			
	B. Bajra	ii. Maize			
	C. Gram	iii. Tur			
	D. Ragi	iv. Ginger			
	a) A-i	b) B-ii	c) C-iii	d) D-iv	<b>d</b>
95	An instrument used to measure angles of slopes, either elevation or depression of an object with respect to gravity as reference, is called-				Answer
	a) Aerometer	b) Clinometer	c) Graphometer	d) Planimeter	<b>b</b>

96	A questionnaire is: A. Concerned with the in-depth study of a singular case. B. Self-reporting method of data collection. C. Open-ended and closed-ended. D. Easy to plan and administer.  Choose the correct answer from the options given below:				Answer								
	a) A & C Only	b) B & D Only	c) A, B & C Only	d) B, C & D Only	<b>d</b>								
97	The last step in chain surveying is:				Answer								
	a) Marking	b) Reconnaissance	c) Fixing	d) Running survey lines	<b>d</b>								
98	Given below are two statements: One is labeled as Assertion (A) and the other is labeled as Justification (B):  A: Assertion: Dumpy Level is an optical surveying levelling instrument consisting of a telescope.  B: Justification: The telescope can rotate only in a horizontal plane.  <b>In light of the above statements, choose the correct answer from the options given below:</b>				Answer								
	a) Both A and B are true and B is the correct explanation of A	b) Both A and B are true but B is NOT the correct explanation of A	c) A is true but B is false	d) A is false but B is true	<b>b</b>								
99	Match the types of surveying chains and their lengths: <table><tr><td>A. Metric Chain</td><td>i. 33 feet.</td></tr><tr><td>B. Revenue Chain</td><td>ii. 100 feet.</td></tr><tr><td>C. Gunter's Chain</td><td>iii. 20 m or 30 m.</td></tr><tr><td>D. Engineer's Chain</td><td>iv. 66 feet.</td></tr></table>				A. Metric Chain	i. 33 feet.	B. Revenue Chain	ii. 100 feet.	C. Gunter's Chain	iii. 20 m or 30 m.	D. Engineer's Chain	iv. 66 feet.	Answer
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100	The purpose of focusing on theodolite is to:				Answer								
	a) Eliminate the error	b) Eliminate instrument error	c) Eliminate parallax error	d) Eliminate vernier error	<b>c</b>								