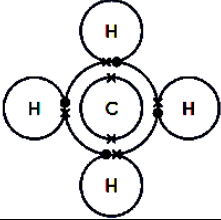


| | | | | | | |
|----|--|--|---|--|---|---|
| 1 | Which of the following is used when referring to a book of theirs which have already been cited? | | | | | |
| | a) op. cit. | b) loc. Cit. | c) et. al. | d) ibid. | a | op. cit. |
| 2 | An author-level metric that measures both the productivity and citation impact of the publications is called - | | | | | |
| | a) g-index | b) h-index | c) i10-index | d) impact factor | b | h-index |
| 3 | Which of the following interview is used when the researcher wants to collect qualitative data from a respondent? | | | | | |
| | a) Structured interview | b) Group interview | c) Focussed interview | d) Direct interview | c | Focussed interview |
| 4 | A reasoning from particular to general is known as - | | | | | |
| | a) Deductive | b) Systematic | c) Observation | d) Inductive | d | Inductive |
| 5 | The process of investigating a problem that has not been studied or thoroughly investigated in the past is called - | | | | | |
| | a) Descriptive | b) Exploratory | c) Diagnostic | d) Experimental | b | Exploratory |
| 6 | Which is the most common Null Hypothesis test? | | | | | |
| | a) Chi square | b) t-test | c) ANOVA | d) F-test | c | ANOVA |
| 7 | Andreff, W. (2000). The evolving European model of professional sports finance. <i>Journal of Sports Economics</i> , 1(3), 257–276. Which of the following format is used in this reference? | | | | | |
| | a) APA | b) MLA | c) Harvard | d) Chicago | a | APA |
| 8 | The representation of someone else's work or ideas as your own refers to - | | | | | |
| | a) Paraphrasing | b) Plagiarism | c) Counterfeiting | d) Citation | b | Plagiarism |
| 9 | Full form of COPE is - | | | | | |
| | a) Committee of Plagiarism Ethics | b) Commission of Publication Ethics | c) Committee on Publication Ethics | d) Commission on Plagiarism Ethics | c | Committee on Publication Ethics |
| 10 | The University Grants Commission has established UGC-CARE for high quality research. What is the full form of CARE? | | | | | |
| | a) Compendium for Academic and Research Ethics | b) Consortium for Academic and Research Ethics | c) Committee for Academic and Research Ethics | d) Commission for Academic and Research Ethics | b | Consortium for Academic and Research Ethics |
| 11 | Which of the following is an allotropic form of Carbon? | | | | | |
| | a) Diamond | b) Sulphur | c) Silicon | d) Germanium | a | Diamond |
| 12 | Which of the following is never used for data communication between computers? | | | | | |
| | a) OFC | b) Telephone cable | c) cat6 cable | d) twisted pair cable | B | twisted pair cable |
| 13 | Which protocol allows transferring files from one location to another on the internet and between computer systems? | | | | | |
| | a) FTP | b) SMTP | c) HTTP | d) POP | A | FTP |

| | | | | | | |
|----|--|---------------------|-----------------|--------------------|---|-----------------|
| 14 | Earth Day is celebrated on - | | | | | |
| | a) 22 March | b) 22 April | c) 22 June | d) 22 August | b | 22 April |
| 15 | Which of the following country is a member of G5? | | | | | |
| | a) Italy | b) Mexico | c) Japan | d) France | b | Mexico |
| 16 | This refers to which chemical compound? | | | | | |
| |  | | | | | |
| | a) Hydroxyl | b) Hydrocarbon | c) Methane | d) hardened copper | c | Methane |
| 17 | Who won the Best FIFA Women's Player Award, 2021? | | | | | |
| | a) Alex Morgan | b) Alexia Putellas | c) Clàudia Pina | d) Aitana Bonmatí | b | Alexia Putellas |
| 18 | As per the World Happiness Report 2022, which is the happiest country in the world? | | | | | |
| | a) Switzerland | b) Iceland | c) Finland | d) Denmark | c | Finland |
| 19 | The world's first "crypto-backed" payment card is associated with - | | | | | |
| | a) RuPay | b) American Express | c) Mastercard | d) VISA | c | Mastercard |
| 20 | Which country has been recently named the "Country of Honour" for the 75th Cannes Film Festival? | | | | | |
| | a) Singapore | b) India | c) Ukraine | d) Philippines | b | India |
| 21 | 3, 13, 183 (Choose the set in which the numbers are related in the same manner) | | | | | |
| | a) 6, 32, 997 | b) 4, 30, 983 | c) 4, 26, 673 | d) 5, 31, 993 | d | 5, 31, 993 |
| 22 | Choose the ODD word from the given options. | | | | | |
| | a) K1 | b) O5 | c) Y9 | d) T10 | c | Y9 |
| 23 | P's son Q is married with R whose sister S is married to T the brother of Q . What is the relation of S to P ? | | | | | |
| | a) Son | b) Father | c) Grandson | d) Bother | c | Grandson |
| 24 | An elevator has the capacity of 15 adults or 25 children. How many adults can board the elevator with 15 children? | | | | | |
| | a) 4 | b) 5 | c) 6 | d) 7 | c | 6 |
| 25 | MONKEY is to BARREL as OWL is to - | | | | | |
| | a) WATCH | b) PARLIAMENT | c) VENUE | d) CAULDRON | b | PARLIAMENT |
| 26 | The headquarter of the Survey of India Department is located at - | | | | | |
| | a) New Delhi | b) Jaipur | c) Dehradun | d) Bangalore | c | Dehradun |
| 27 | The industrial region of India which has the predominance of metal industries is - | | | | | |

| | | | | | | |
|----|---|-------------------------|-------------------------|---------------------|---|----------------------|
| | a) Peninsular Region | b) Delta Region | c) Chotanagpur Region | d) NE region | c | Chotanagpur Region |
| 28 | Which plateau lies between the Aravalli and the Vindhya ranges? | | | | | |
| | a) Deccan Plateau | b) Meghalaya Plateau | c) Chota Nagpur Plateau | d) Malwa Plateau | d | Malwa Plateau |
| 29 | Which of the following is a Trans- Himalayan river? | | | | | |
| | a) Ganga | b) Yamuna | c) Son | d) Indus | d | Indus |
| 30 | Gondwana coalfields are found in - | | | | | |
| | a) Madhya Pradesh | b) Assam | c) Meghalaya | d) Tamil Nadu | a | Madhya Pradesh |
| 31 | The National Atlas and Thematic Mapping Organisation (NATMO) is located at - | | | | | |
| | a) Kolkata | b) New Delhi | c) Dehra Dun | d) Mumbai | a | Kolkata |
| 32 | NITI AYOOG was established on - | | | | | |
| | a) 2015 | b) 1948 | c) 1950 | d) 2014 | a | 2015 |
| 33 | The concept of Participatory Development was introduced in - | | | | | |
| | a) 1950s | b) 1960s | c) 1970s | d) 1980s | c | 1970s |
| 34 | Sectoral Planning does not include - | | | | | |
| | a) Transport | b) Hill area | c) Infrastructure | d) Irrigation | c | Infrastructure |
| 35 | The Bhoodan-Gramdan movement initiated by _____ is also known as the Bloodless Revolution. | | | | | |
| | a) Vinoba Bhave | b) Sardar Patel | c) M. K. Gandhi | d) Jawaharlal Nehru | a | Vinoba Bhave |
| 36 | The first scholar to prepare a spatial model of agriculture land use and crop intensity was - | | | | | |
| | a) Schwenz | b) Ritter | c) Von Thunen | d) Baker | c | Von Thunen |
| 37 | Which of the following is known as Golden Fiber? | | | | | |
| | a) Cotton | b) Wool | c) Jute | d) Millets | c | Jute |
| 38 | Name the country with 100% urban Population | | | | | |
| | a) USA | b) UK | c) Japan | d) Singapore | d | Singapore |
| 39 | Which of the following is NOT a pattern of human settlement? | | | | | |
| | a) Hamleted | b) Linear | c) Circular | d) Star-shaped | a | Hamleted |
| 40 | Who coined the word "Conurbation"? | | | | | |
| | a) F. Ratzel | b) J. Gottman | c) P. Geddes | d) C. Ritter | c | P. Geddes |
| 41 | When was the Convention on Biological Diversity adopted? | | | | | |
| | a) 1996 | b) 1972 | c) 1992 | d) 2004 | c | 1992 |
| 42 | Which one of the following is NOT a characteristic of biodiversity hotspots? | | | | | |
| | a) Species richness | b) Lesser interspecific | c) Loss of species | d) Endemism | b | Lesser interspecific |

| | | | | | | |
|----|--|------------------------|----------------------|--------------------|---|--------------------|
| | | competition | | | | competition |
| 43 | Who proposed the theory of plant succession? | | | | | |
| | a) D. Tilman | b) F. E. Clements | c) A. G. Tansley | d) J. Grinnell | b | F. E. Clements |
| 44 | What is Arboretum? | | | | | |
| | a) A species | b) A botanical garden | c) A forest patch | d) A tree | b | A botanical garden |
| 45 | In ecological succession, the intermediate developmental phase is known as - | | | | | |
| | a) Sere | b) Ecesis | c) Nudation | d) Climax | a | Sere |
| 46 | The term 'Map' is derived from a _____ word. | | | | | |
| | a) Greek | b) French | c) Arabic | d) Latin | d | Latin |
| 47 | Where is the headquarters of National Atlas and Thematic Mapping Organization (NATMO) located? | | | | | |
| | a) New Delhi | b) Chennai | c) Kolkata | d) Dehradun | c | Kolkata |
| 48 | The term 'Ergograph' was coined by - | | | | | |
| | a) Patrick Geddes | b) Arthur Geddes | c) R. A. Fisher | d) G. Taylor | b | Arthur Geddes |
| 49 | The scale of a map is 1: 25,000 and the distance between two points in reality is 12 km. What is the distance on the map? | | | | | |
| | a) 24 cm | b) 38 cm | c) 44 cm | d) 48 cm | d | 48 cm |
| 50 | The ratio of the number of the stream segments of given order to the number of streams in the next higher order is called - | | | | | |
| | a) Elongation ratio | b) Circularity ratio | c) Bifurcation ratio | d) Stream order | c | Bifurcation ratio |
| 51 | The direction of a line relative to a given meridian is known as - | | | | | |
| | a) Angle | b) Declination | c) Bearing | d) Dip | c | Bearing |
| 52 | Which of the following is NOT a method of Plane Table survey? | | | | | |
| | a) Repetition | b) Intersection | c) Resection | d) Radiation | a | Repetition |
| 53 | What is the basic objective of surveying? | | | | | |
| | a) Fixing boundaries | b) Preparation of map | c) Measurement | d) Levelling | b | Preparation of map |
| 54 | The upper plate of Theodolite is also known as - | | | | | |
| | a) Vernier plate | b) Limb | c) Levelling head | d) Spindle | a | Vernier plate |
| 55 | Gunter's chain consists of - | | | | | |
| | a) 200 links | b) 150 links | c) 100 links | d) 80 links | c | 100 links |
| 56 | Descriptive statistics of a database: Mean is 60.5, Mode is 55.7 and Median is 58.3. What will be the distribution type of the database? | | | | | |
| | a) Binomial distribution | b) Normal distribution | c) Platykurtic | d) Positive skewed | a | Positive skewed |

| | | | | | | |
|----|--|---|---|---|---|--|
| 57 | A data series starts with 20 with an interval of 5 and ends at 50. What will be the Mean of the data series? | | | | | |
| | a) 25 | b) 35 | c) 50 | d) 37.5 | b | 35 |
| 58 | Which of the following is an equation for linear regression? | | | | | |
| | a) $Y_i = \beta_0 + \beta_1 X_i + \epsilon_{i,0,1}$ | b) $Y_i = \beta_0 + \beta_1 X_i + \epsilon_{i+1}$ | c) $Y_i = \beta_1 + \beta_2 X_i + \epsilon_i$ | d) $Y_i = \beta_0 + \beta_1 X_i + \epsilon_i$ | d | $Y_i = \beta_0 + \beta_1 X_i + \epsilon_i$ |
| 59 | Correlation Coefficient is calculated with: i) unpaired database, ii) paired database, iii) possible only when units on both the variables are same unit of measurement, iv) possible even if the unit of measurement of variables are different. | | | | | |
| | a) i, iv | b) ii, iii | c) ii, iv | d) i, iii | d | i, iii |
| 60 | Which of the following statistical analysis is used for calculation of Residuals? | | | | | |
| | a) Median | b) Correlation | c) Regression | d) 't' test | c | Regression |
| 61 | Which of the following is an example of Time Series Analysis? | | | | | |
| | a) ANOVA | b) ARIMA | c) MANCOVA | d) SPSS | b | ARIMA |
| 62 | Chi square (X ²) test is used for _____? | | | | | |
| | a) comparing observed and expected results | b) 95 percent confidence level | c) comparing mean and expected values | d) finding out the variations over time | a | comparing observed and expected results |
| 63 | What type of statistics is derived by using 't' test? | | | | | |
| | a) Descriptive | b) Inferential | c) Stochastic | d) Markov | b | Inferential |
| 64 | Which of the following is function is calculated for 'b' in $Y = a + bX$ in EXCEL? | | | | | |
| | a) = AVERAGE | b) = INTERCEPT | c) = SLOPE | d) = CHITEST | c | = SLOPE |
| 65 | Which of the following is compared in Analysis of Variance? | | | | | |
| | a) Means | b) Variance | c) Residuals | d) Standard error | a | Means |
| 66 | Which of the following are calculated in One way ANOVA? i) SS Total, ii) SS Among, iii) SS Variance, iv) SS within, v) SS between | | | | | |
| | a) ii, iii, iv | b) iii, iv, v | c) i, iv, v | d) i, iii, v | c | i, iv, v |
| 67 | Which of the following is a correct URL form? | | | | | |
| | a) www.a.com | b) www.rgu@com | c) go.com.* | d) two..in | a | www.a.com |
| 68 | What will be total number of dots to be printed by a LASER printer with 300 DPI for a rectangle of 2" length and 1" width? | | | | | |
| | a) 300 | b) 9000 | c) 90000 | d) 180000 | d | 180000 |
| 69 | Three districts' oilseed production values are given below. What will be the central angles for these three in a pie diagram? District A – 300 quintals, District B – 600 quintals, District C – 1500 | | | | | |

| | | | | | | |
|----|--|--------------------|----------------------|-------------------------|---|-------------------|
| | quintals | | | | | |
| | a) 30, 60, 150 | b) 45, 90, 225 | c) 45, 90, 180 | d) 60, 90, 210 | b | 45, 90, 225 |
| 70 | Which of the following is NOT a type of Column graphics option in Excel? | | | | | |
| | a) Clustered | b) Stacked | c) 100% stacked | d) Radiating stack | d | Radiating stack |
| 71 | Who is the author of the book entitled ' General Climatology ' published by Prentice Hall of India? | | | | | |
| | a) R. P. Mishra | b) R. C. Chandana | c) H. J. Critchfield | d) D. Dooley | c | H. J. Critchfield |
| 72 | Which of the following clouds produce heavy rain? | | | | | |
| | a) Cumulonimbus | b) Cirrus | c) Altocumulus | d) Stratus | a | Cumulonimbus |
| 73 | Which one of the following ISOPLETH does not relate to atmospheric phenomena? | | | | | |
| | a) Isobar | b) Isohyets | c) Isotherm | d) Isodapane | d | Isodapane |
| 74 | Which side of the hill of or mountain gets maximum precipitation from Orographical rain? | | | | | |
| | a) Top of the hill and mountain | b) Wind ward side | c) Lee ward side | d) Shadow side | b | Wind ward side |
| 75 | In <i>Koepen's division</i> of climatic types the symbol ' Am ' denotes to which of the following type? | | | | | |
| | a) Monsoon | b) Tundra | c) Tropical Savanna | d) Desert Arid | a | Monsoon |
| 76 | Who among the following is NOT considered to have contribution to the concept of organic state? | | | | | |
| | a) Herbert Spencer | b) Albert Schaffle | c) F. Ratzel | d) M. Jefferson | d | M. Jefferson |
| 77 | Who is the author of the book entitled "The Territorial Imperative" published in 1966? | | | | | |
| | a) R. D. Dikhit | b) Robert Andrey | c) Dorren Massey | d) Sudepta Adhikari | b | Robert Andrey |
| 78 | Which of the following countries of the Asian continent is not a Federal state ? | | | | | |
| | a) Pakistan | b) India | c) Sri Lanka | d) Malaysia | c | Sri Lanka |
| 79 | The International boundary between USA and Mexico is actually of which of the following types of boundary? | | | | | |
| | a) Lake boundary | b) River boundary | c) Durand Line | d) Geometrical boundary | b | River boundary |
| 80 | Sir Halford Mackinder's concept of Heartland actually belongs to which of the following continent? | | | | | |
| | a) Australia | b) Eurasia | c) North America | d) Africa | b | Eurasia |

| | | | | | | |
|----|--|---------------------------|-------------------------------|---------------------------|---|-------------------------------|
| 81 | Which of the following ranks India holds in <i>AVIAN Diversity</i> ? | | | | | |
| | a) 1 st | b) 5 th | c) 8 th | d) 15 th | c | 8 th |
| 82 | The conservation scheme of <i>Project Tiger</i> by Govt. of India was initiated in which of the following year? | | | | | |
| | a) 2000 | b) 1996 | c) 1970 | d) 1973 | d | 1973 |
| 83 | Which of the following Aquatic Ecosystem <i>does not</i> belong to the still water types? | | | | | |
| | a) Ponds | b) wetlands | c) Streams | d) lakes | c | Streams |
| 84 | The concept of <i>Primate city</i> was propounded by which of the following scholar? | | | | | |
| | a) M. Jefferson | b) A. Linsky | c) G. K. Zipf | d) F. Auerbach | a | M. Jefferson |
| 85 | <i>Harris and Ullman</i> are credited for which of the following theories related to urban morphology? | | | | | |
| | a) Sector theory | b) Multiple nuclei theory | c) Game theory | d) Concentric zone theory | b | Multiple nuclei theory |
| 86 | Which of the following is NOT a part of quantitative geomorphology? | | | | | |
| | a) Slope | b) Aspect | c) Curvature | d) Topography | d | Topography |
| 87 | Which of the following stream ordering scheme designates trunk river as 1? | | | | | |
| | a) Strahler | b) Horton | c) Shreve | d) Hack | c | Shreve |
| 88 | Which of the following is NOT a time scale in geomorphology? | | | | | |
| | a) Waiting time | b) Graded time | c) Cycling time | d) Steady time | a | Waiting Time |
| 89 | What is the equilibrium condition termed as, when threshold condition is exceeded and equilibrium is changed? | | | | | |
| | a) Stable equilibrium | b) Metastable equilibrium | c) Thermodynamic equilibrium | d) Nonequilibrium | b | Metastable equilibrium |
| 90 | Which of the following is true for Mid-Atlantic ridges? | | | | | |
| | a) Oceanic rift valley | b) Overriding plates | c) Continental-oceanic margin | d) Above Benioff zone | a | Oceanic rift valley |
| 91 | Aleutian islands are example of_____. | | | | | |
| | a) Tetrahedral theory | b) Continental ice | c) Pearl Islands | d) Island Arcs | d | Island Arcs |
| 92 | Plateaus are the product of_____. | | | | | |
| | a) Crystalline rock | b) Folded rock | c) Cap rock | d) Weathered rock | c | Cap rock |
| 93 | Arrange the landforms according to gradual folding of resistant rocks. i) Mesa, ii) Cuesta, iii) Hogback, iv) Razorback | | | | | |
| | a) i, ii, iii, iv | b) iv, iii, ii, i | c) ii, iii, I, iv | d) iii, ii, I, iv | a | i, ii, iii, iv (Mesa, Cuesta, |

| | | | | | | |
|-----|--|---------------------|---------------------|---------------------|---|---|
| | | | | | | Hogback, Razorback) |
| 94 | Which of the following is NOT a continental shield? | | | | | |
| | a) Canada | b) Antarctica | c) Deccan | d) Siberia | c | Deccan |
| 95 | Which planation surface is created due to coalescence of flood plane? | | | | | |
| | a) Peneplane | b) Panplane | c) Pediplane | d) Duriplane | b | Panplane |
| 96 | The larger rivers with higher erosional rates may widen their valleys _____ downstream of strike-slip faults, rather than being beheaded or deflected. | | | | | |
| | a) symmetrically | b) pairwise | c) with fixed width | d) asymmetrically | d | asymmetric ally |
| 97 | Which of the following is a combination of fluvial erosional processes? i) attrition, ii) flotation, iii) corrasion, iv) suspension, v) ricochet vi) hydraulic lift | | | | | |
| | a) i, ii, iii | b) ii, iii, vi | c) i, ii, vi | d) i, iii, vi | d | i, iii, vi (Attrition, corrasion, hydraulic lift) |
| 98 | Which of the following is a coastal landform associated with high latitude? | | | | | |
| | a) Sea cliff | b) Sand spit | c) Fjords | d) Rock stack | c | Fjords |
| 99 | What is that 'critical point at which sediment particles on the solid boundaries of the river flow (e.g. the bed or banks of a river) begin to move', called? | | | | | |
| | a) Critical motion | b) Incipient motion | c) Threshold motion | d) Turbulent motion | b | Incipient motion |
| 100 | Which of the following landform is associated with annular river network development? | | | | | |
| | a) Flood plain | b) Cuesta | c) Cirque | d) Conical hill | d | Conical hill |