

NET EXAM QUESTION AND ANSWER (28 AUGUST 2024 GEOGRAPHY SET)

Table:-1. category wise details of readership of magazines in lakh

Category	Number of magazine readers in lakh in the year							
	2020		2021		2022		2023	
	E	H	E	H	E	H	E	H
General	2	2.4	2.6	3.2	4	3.6	5	4
Sports	0.8	0.4	1.2	0.8	2	1.4	2.4	1.6
Film	1.2	1.6	1.9	2.5	2	3	2.4	3.6
Business	0.6	0.3	0.8	0.32	1.2	0.5	1.6	1

Table:2. category wise details of publication of magazines

Category	Number of magazines published in the year							
	2020		2021		2022		2023	
	E	H	E	H	E	H	E	H
General	24	20	30	28	34	30	58	32
Sports	6	4	10	6	14	8	16	12
Film	6	8	10	12	10	14	12	16
Business	8	4	10	6	12	8	14	16

1. Considering only the English sports magazine, the ratio between the number of readers in 2020 to the number of readers during 2020 to 2023 is

1. 2:9
2. 1:8
3. 2:15
4. 2:5

Ans:2

2. The difference between the number of magazines published in 2022 and 2020 is

- 1.50
- 2.44
- 3.52
- 4.56

Ans:1

3. In the year 2021, as against the year 2020, the number of readers per magazine declined for the category of ____ magazine.

- 1) 1.General
- 2) 2. Sport
- 3) 3. Film
- 4) Business

Ans:3

4.What is the approximate average readership per magazine in 2022?

- 1) 136115
- 2) 14600
- 3) 12805
- 4) 15715

Ans:1

5. From the year 2020 to 2021, if p is the difference between the number of Hindi magazine and q is the difference between the number of English magazines published then P:Q is .

- 1) 2:3
- 2) 1:2
- 3) 1:1
- 4) 2:1

Ans:3

6.If 'CAKE' is coded as 20 and 'FAIL' is coded as 28 then how 'FIRST' shall be coded?

- 1.35
2. 72
3. 64
- 4.40

Ans:2

7.Covariance i.e Cov (X,Y) and standard deviations of different datasets are given. Estimate the correlation coefficients and arrange in increasing order

- A. Cov(X,Y)=32, $\sigma_x = 8$, $\sigma_y = 7$
- B. Cov(X,Y)=36, $\sigma_x = 12$, $\sigma_y = 5$
- ©. Cov(X,Y)=35, $\sigma_x = 7$, $\sigma_y = 8$
- D. Cov(X,Y)=39, $\sigma_x = 6$, $\sigma_y = 13$

Choose the correct answer from the options given below:

1. A, B, C, D
2. B, C, D, A
3. C, D, A, B

4. D, A, B, C

Ans:4

8.If the statement “All Plants are Carnivorous”, is given as false which of the following statements

can be inferred to be true:

- A. Some non-plants are non- carnivorous
- B. No Plants are carnivorous
- C. Some plants are carnivorous
- D. Some plants are not carnivorous

Choose the correct answer from the options given below:

- 1. C only
- 2. B and D only
- 3. D only
- 4. A, B, C, D only

Ans:3

9.Match the List-I with List-II

LIST I Proponent		LIST II Initiative	
A.	Lord Dalhousie	I.	Support to oriental education
B.	Annie Besant	II.	Technical education
C.	Lord Curzan	III.	Moral education
D.	Lord Auckland	IV.	Reform and control of higher education

Choose the correct answer from the options given below:

- 1. A-I, B-II, C-III, D-IV
- 2. A-II, B-III, C-IV, D-I
- 3. A-III, B-IV, C-I, D-II
- 4. A-IV, B-I, C-II, D-III

Ans:2

10.Today mass media exercise enormous

- 1. Corporate power
- 2. Ethical might
- 3. Economic influence
- 4. Trade unionism

Ans:1

11. Which of the Swayamprabha channels are dedicated to higher education in various disciplines?

- A. Channel 01
- B. Channel 13
- C. Channel 18
- D. Channel 27
- E. Channel 38

Choose the correct answer from the options given below:

- 1. A, D and E only
- 2. C and E only
- 3. A, B and C only
- 4. B, C and D only

Ans: DROPPED

12. In cyber world, Black Hat Hackers are individuals with extra-ordinary computing skills who use these skills with malicious intent. In this context, identify the correct order for a successful black hat operation.

- A. Scanning
- B. Reconnaissance
- C. Gaining Access
- D. Covering Tracks
- E. Maintaining Access

Choose the correct answer from the options given below:

- 1. A, B, C, E, D
- 2. B, A; C, E, D
- 3. C, D, B, A, E
- 4. D, C, A, E, B

Ans:2

13. Match the List-I with List-II

LIST I (Unit of Data Capacity)		LIST II (Approximate Size)	
A.	Kilobyte	I.	8 billion bites
B.	Gigabyte	II.	8 million bites
C.	Terabyte	III.	8 thousands bites
D.	Megabyte	IV.	8 trillion bites

Choose the correct answer from the options

1. A-ITT, B-I, C-IV, D-II
2. A-IV, B-II, C-I, D-III
3. A-III, B-IV, C-I, D-II
4. A-I, B-ITI, C-II, D-IV

Ans:1

14. Which of the following are the primary goals of PM e- Vidya?

- A. To provide free text-books to all students
- B. To facilitate multi-mode access to digital/online teaching-learning content
- C. To offer scholarships to topper students
- D. To facilitate the uniqueness with its comprehensive accessibility for all
- E. To benefit learners in remote areas where stable internet is not available

Choose the correct answer from the options given below:

1. A, C and E only
2. A, D and E only
3. B, D and E only
4. C and D only

Ans:3

15. Which of the following are true about Waste-to-Energy incinerations?

- A. It serves dual purpose of disposing municipal solid waste and producing energy
- B. It produces fly ash
- C. It produces bottom ash
- D. It generates a high level toxic air pollutant-dioxin
- E. It produces toxic metals such as Lead and Mercury

Choose the correct answer from the options given below:

1. A, C, D and E only
2. A, B, D and E only
3. B and C only
4. A, B, C, D and E only

Ans:4

16. "Since all medical practitioners are competent and no competent people are underpaid. Therefore, no medical practitioners are underpaid." Which fallacy is committed in the above argument?

1. Hasty Generalisation
2. Affirming the consequent
3. Begging the question
4. Undistributed middle

Ans:4

17.The recommendations of the National Council of Teachers Education (1976) were:

- A. Limiting the number of teacher education colleges
- B. Universities should recognise short term courses for in-service education for teachers
- C. Avoidance of correspondence courses for in-service teachers
- D. Use of technological aids like television, films and others
- E. Formulation of a network of extension services for in-service teachers

Choose the correct answer from the options given below:

- 1. A, B, C only
- 2. B, C, D only
- 3. C, D, E only
- 4. B, D, E only

Ans:4

18.Which of the following propositions are Contrary?

- A. All cows are herbivores
- B. No cows are herbivores
- C. Some cows are herbivores
- D. Some cows are not herbivores

Choose the correct answer from the options given below:

- 1. A and C only
- 2. A and B only
- 3. C and D only
- 4. A and D only

Ans:2

19.Which of the following is not caused due to noise pollution?

- 1. Bronchitis
- 2. Cardiovascular diseases
- 3. High Blood Pressure
- 4, Insomnia

Ans:1

20. Which of the following statements are included in the inferential process for inferring fire from the perception of smoke as per Nyaya Philosophy.

- A. That hill has fire(Pratijna)
- B. Since it has smoke (Hetu)
- C. Wherever there is fire, there is smoke, eg kitchen (Udaharana)
- D. That hill which is smokey, must have fire too (Upanaya)
- E. Therefore the hill has fire (Nigamana)

Choose the correct answer from the options given below:

1. A, B and C only
2. A, B, D and E only
3. C, D and E only
4. A and B only

Ans:2

21. The contents of Swayamprabha Chhanel-16 with the theme of “Skill and Vocational Education” are provided by:

1. CEC, Delhi
2. IGNOU, Delhi
3. IIT, Bombay
4. IIT, Kanpur

Ans:2

22. Which of the following pair of acronyms and their expansion is incorrectly matched?

1. ROM - Read Only Memory
2. WAN - Wide Area Network
3. OMR - Optical Mark Reader
4. USB - Universal Secure Bus

Ans:4

23. Which of the following has been criticized for “dumbing down’ the news media?

1. Weather broadcasts
2. Commercial brochures
3. Magazines
4. Television

Ans:4

24. The names of great scholars like Raghunath, Raghunandan and Sri Chaitanya were associated with which of the following ancient university?

1. Sridbanya Katak
2. Vikramshila
3. Sakya
4. Odantapuri

Ans:2

25. Forty-five (45) men can do a job in 16 days. Six days after they started working, 30 more men joined them. How many days will they now take to complete the remaining work?

1. 5½ days
2. 7 days

3. 5 days

4. 6 days

Ans:4

26. Match List I with List II

LIST I Expression		LIST II Value	
A.	$0.1 \times 5.5 \times 55.5 \times 0.5$	I.	0.00152625
B.	$0.01 \times 0.55 \times 5.55 \times 0.05$	II.	0.0152625
C.	$0.1 \times 0.55 \times 55.5 \times 0.005$	III.	0.152625
D.	$0.01 \times 5.5 \times 55.5 \times 0.5$	IV.	15.2625

Choose the correct answer from the options given below:

1. A-I, B-II, C-II, D-IV
2. A-II, B-II, C-IV, D-I
3. A-IV, B-I, C-II, D-III
4. A-IV, B-II, C-III, D-I

Ans:3

27. From the following identify the statements that are logically equivalent.

- A. No squares are circles
- B. Some squares are not circles
- C. Some non-circles are not non-squares
- D. No circles are squares

Choose the correct answer from the options given below:

1. B and D only
2. B and C only
3. A, B and C only
4. A, C and D only

Ans:2

28. Which of the following are the features of broadcast (first media) age?

- A. Decentralized
- B. One-way communication
- C. Many-way communication
- D. Pre-disposed to state control
- E. An instrument of inequality

Choose the correct answer from the options given below:

1. A, B, C only

2. B, D, E only
3. C, D, E only
4. A, C, D only

Ans:2

29. Which of the following methods of graphical representation of data would be useful for showing trends?

1. Bar charts
2. Line charts
3. Box plots
4. Pie charts

Ans:2

30. A keylogger, short for Keystroke logger, is a type of cyber threat. Keyloggers are a form of _____

1. Worm
2. Trojan Horse
3. Virus
4. Pie charts

Ans:4

31. Identify the correct sequence of the emergence of the following concepts.

- A. Virtual Communities
- B. Cyber Culture
- C. Being Digital
- D. Tele Computer
- E. Interactive Media Culture

Choose the correct answer from the options given below:

1. 4, B, C, D, E
2. B, C, D, A, E
3. D, A, C, E, B
4. C, D, E, A, B

Ans:3

32. Which of the following cause indirect Green House Warming?

- A. CH₄
- B. NO
- C. NO₂
- D. N₂O
- E. CO

Choose the correct answer from the options given below:

1. A, B and C only

2. A and D only
3. B, D and E only
4. B, C and E only

Ans:3

33. Which of the following software titles are examples of system software?

- A. Ubuntu
- B. Google Docs
- C. MS-Office 365
- D. Android
- E. Chrome OS

Choose the correct answer from the options given below:

1. A, B, D and E only
2. B and C only
3. A, D and E only
4. C, D and E only

Ans:3

34. Find the missing term in the series given below. 2, 12, 36, 7, 150

1. 80
2. 72
3. 100
4. 86

Ans:1

35. Identify the main preoccupations of qualitative researches.

- A. Generalization
- B. Description
- C. Emphasis on context
- D. Flexibility

Choose the correct answer from the options given below:

1. A, B and C only
2. B, C and D only
3. A, B and D only
4. A, C and D only

Ans:2

36. Match List I with List II

LIST I Total Sum Squares (TSS) and Residual Sum of Sequences (RSS)		LIST II R^2 of Regression Model	
A.	RSS = 25, TSS = 60	I.	0.46
B.	RSS = 35, TSS = 75	II.	0.57
C.	RSS = 30, TSS = 70	III.	0.53
D.	RSS = 40, TSS = 75	IV.	0.58

Choose the correct answer from the options given below:

1. A-I, B-II, C-III, D-IV
2. A-II, B-III, C-IV, D-I
3. A-III, B-IV, C-I, D-II
4. A-IV, B-II, C-III, D-I

Ans:4

37. The professional organization that opposed the inclusion of its educational discipline under NCHER was.

1. Education Council of India
2. Dental Council of India
3. Architectural Council of India
4. Bar Council of India

Ans:4

38. So far, which of the following countries has not ratified the Convention on Biological Diversity?

1. India
2. China
3. Russia
4. United States of America

Ans:4

39. A certain amount of money deposited in a bank becomes ₹ 1008 in 2 years and ₹ 1164 in $3\frac{1}{2}$ years. Find the amount deposited in the bank and the rate of interest per annum.

1. ₹700, 12%
2. ₹800, 13%
3. ₹750, 13%
4. ₹850, 13.5%

Ans:2

40. The National Education Policy, 2020, recommended certain verticals Under Higher Education Commission of India. They are

- A. NHERC (National Higher Education Regulatory Council)
- B. NAC (National Accreditation Council)
- C. HEGC (Higher Education Grants Council)
- D. GEC (General Education Council)
- E. OLC (Open Learning Council)

Choose the correct answer from the options given below:

- 1. A, D, E only
- 2. A, B, C, D only
- 3. B, C, D, E only
- 4. A, B, C, E only

Ans:2

41. Which component of Baddeley's basic working memory model is involved in the task of pressing keys on a keypad in a clockwise pattern?

- 1. Visuospatial sketchpad
- 2. Bounded rationality
- 3. Phonological loop
- 4. Metacognition

Ans:1

42. Match the List-I with List-II

LIST I Author		LIST II Concept	
A.	Manuel Castells	I.	Electronic Nomads
B.	Trevor Barr	II.	Post-Information age
C.	Nicolas Negroponte	III.	Global Village
D.	Marshall McLuhan	IV.	Interactive Media Culture

Choose the correct answer from the options given below:

- 1. A-I, B-II, C-I, D-IV
- 2. A-IT, B-III, C-IV, D-I
- 3. A-III, B-IV, C-I, D-II
- 4. A-IV, B-I, C-II, D-III

Ans:4

43. Match the List-I with List-II

LIST I Tool/Softwares		LIST II Applications	
A.	Plotagon	I.	To create Pre-and-post-session polls to gauge student learning from each session
B.	Mindmeister	II.	To create instant animated videos
C.	Github	III.	To understand and make connections between concepts, ideas and information
D.	Mentimeter	IV.	To store, share, and work together with others to write code

Choose the correct answer from the options given below:

1. A-IV, B-II, C-I, D-III
2. A-III, B-II, C-IV, D-I
3. A-II, B-III, C-IV, D-I
4. A-I, B-IV, C-II, D-II

Ans:3

44. Which of the following is the most appropriate for measuring the strength and direction of association between two interval/ratio variables?

1. Spearman's rho
2. Pearson's r
3. Phi
4. Eta

Ans:2

45. Match the List-I with List-II

LIST I (Fuel Type)		LIST II (Example)	
A.	Non fuel	I.	Biodiesel
B.	Alternative fuel	II.	Hydrogen fuel cell
C.	Non-traditional fossil fuel	III.	Wind power
D.	Emerging fuel	IV.	Compressed Natural Gas (CNG)

Choose the correct answer from the options given below:

1. A-II, B-IV, C-I, D-III
2. A-IV, B-II, C-III, D-I
3. A-I, B-III, C-IV, D-II
4. A-III, B-I, C-IV, D-II

Ans:4

Comprehension:

Read the passage carefully and answer the questions that follow:

Anthropologists have questioned universal explanations of war. Some hold out the hope that war, like slavery, can be erased by wise collective decision-making. But warfare is too diverse and historically widespread to be cured by simple remedies. Economic motives have always existed. A fight for salt or metals, gold and treasure, enslaved labour or access to trade routes, or oil and other resources has marked many of the world's violent conflicts. But ideological and religious confrontations have also driven war. Hubristic warfare from Alexander to Napoleon to Hitler was meant to establish dominion. The rise of Chinese power has provoked questions on whether potential conflict with US will descend into war. The search for security can be found in every warlike episode, as frontiers feel fragile. Is war on the decline, with new forms of settling conflict, cyber-attacks, and so on? The wars of this very century belie that hope. An ecological crisis, resource stresses and clashes of beliefs are only too visible in the emerging international order. And so, the future of war might not look very different from its past.

46. Which of the following terms has been used to describe wars meant to establish dominion by leaders like Alexander Napoleon and Hitler?

1. Resource Wars
2. Defensive Wars
3. Hubristic Warfare
4. Revolutionary Wars

Ans:3

47. Common element that is found in every warlike episode mentioned in the text is:

1. Technological advancement
2. Economic upliftment
3. Search for security
4. Ecological balance

Ans:3

48. According to the text, why it is difficult to eliminate war from the world?

1. Because, it is too diverse and historically widespread
2. Because it is not difficult to understand people and society
3. Because of the modern technology
4. Because of the rich people

Ans:1

49. What all economic motives have historically driven war?

1. Only gold and treasure
2. Only salt and metals
3. Only trade routes
4. Various resources including salt, metals, gold, treasure enslaved labour, trade routs and oil

Ans:4

50. What do some anthropologists think and hope about war?

1. War will continue forever
2. War will keep on evolvig taking a new form
3. War can be eradicated by wise collective decision making
4. War will happen more frequently

Ans:3

51. Match the List-I with List-II

LIST I (Scholar)		LIST II (Achievement)	
A.	Ferdinand Magellan	I.	Showed both America's as separate continents on world map
B.	Captain Cook	II.	Proved the idea of heliocentric Universe
C.	Galileo	III.	Located the terra-incognita of Ptolemy.
D.	Waldseemuller	IV.	First to circumnavigate the world.

Choose the correct answer from the options given below:

1. A-IV, B-III, C-II, D-I
2. A-IIT, B-IV, C-I, D-II
3. A-IV, B-II, C-I, D-II
4. A-I, B-I, C-II, D-IV

Ans:1

52. The statement "All history must be treated geographically and all geography must be treated historically" was given by ---

1. Varenius
2. Ritter
3. Herodotus
4. Humboldt

Ans:3

53. Arrange the following gases in descending order of their share in the composition of the atmosphere.

- A. Carbon dioxide
- B. Hydrogen
- C. Argon
- D. Helium

Choose the correct answer from the options given below:

- 1. C, A, D, B
- 2. A, C, D, B
- 3. C, A, B, D
- 4. A, C, B, D

Ans:1

54. Identify the correct statements with reference to temperature and salinity of the oceans.

- A. The oceans in the Northern Hemisphere are slightly cooler than those in the Southern Hemisphere.
- B. The annual range of temperature in the Atlantic Ocean is larger than in the Pacific Ocean.
- C. The areas of highest salinity in the open oceans are associated with sub-tropical high-pressure area.
- D. The high salinity of Black Sea is due to influx of large volumes of water by rivers.

Choose the most appropriate answer from the options given below:

- 1. A and B only
- 2. B and D only
- 3. B and C only
- 4. C and D only

Ans:3

55. Arrange the four distinct elements in a standard hill-slope from ridge to valley.

- A. Free-face slope
- B. Concave slope
- C. Convex slope
- D. Rectilinear slope

Choose the correct answer from the options given below:

- 1. C, A, B, D
- 2. C, A, D, B
- 3. B, D, A, C
- 4. B, D, C, A

Ans:2

56. Identify the correct statements about counter-urbanization.

- A. The people move from large urban areas to smaller urban settlements.
- B. The people move from small urban areas to large urban settlements.

C. The processes have resulted in a renaissance in the demographic fortunes of rural areas.
D. The processes have resulted in a renaissance in the demographic fortunes of urban areas.
Choose the correct answer from the options given below:

1. A and C only
2. A and B only
3. B and C only
4. C and D only

Ans:1

57. Which one of the following is often referred as 'marginalized cultural' realm?

1. Occidental Realm
2. Islamic Cultural Realm
3. Indic Cultural Realm
4. Meso-African Cultural Realm

Ans:4

58. Identify the statements which are NOT correct about frontiers and boundaries.

- A. Boundaries are two dimensional! while frontiers are three dimensional.
- B. Boundaries are "de facto" while frontiers are 'de jure'.
- C. Boundaries are maintained by state and has no material existence.
- D. Frontiers occupy a fixed position and their boundaries can not be altered.

Choose the correct answer from the options given below:

1. B and D only
2. A and B only
3. B and C only
4. C and D only

Ans:1

59. Which of the following spectral band of Landsat-1 is generally NOT used for production of colour composite?

1. Band 4
2. Band 6
3. Band 7
4. Band 5

Ans:4

60. _____ was the 2nd highest visited monument by domestic visitors during 2022-23.

1. Red Fort, Delhi
2. Sun Temple, Konark
3. Qutub Minar, Delhi

4. Taj Mahal, Agra

Ans:2

61. Geometrical figures shaping the raster cell and completely covering a flat surface are called _____

1. elemental points
2. buffering
3. tessellations
4. digital line graphs

Ans:3

62. Thornthwaite did **NOT** use _____ in the criteria of his first scheme of classification of climates.

1. summer concentration of thermal efficiency
2. precipitation effectiveness
3. seasonal distribution of precipitation.
4. thermal efficiency

Ans:1

63. Identify the correct statements with reference to insolation.

- A. In summer season length of the day will be longer at Jammu as compared to Chennai.
- B. In a year, the sun's rays are vertical twice at Varanasi.
- C. The southern slopes of the Himalayas receive more insolation as compared to the northern slopes.
- D. The share of visible wavelength is more than the share of ultraviolet wavelengths in total insolation.

Choose the correct answer from the options given below:

1. A, B and C only
2. A, C and D only
3. A, B and D only
4. B, C and D only

Ans:2

Q.64. Arrange the following developments in remote sensing in chronological order.

- A. Google Earth serves Digital-Globe and Landsat TM data.
- B. SPOT! launched.
- C. ERTS-1 launched
- D. IRS-1C launched.

Choose the correct answer from the options given below:

1. A, B, C, D
2. D, C, B, A
3. B, D, A, C

4. C, B, D, A

Ans:4

65. Match the List-I with List-II

LIST I (Language)		LIST II (Linguistic Family)	
A.	Bhili	I.	Indo-Aryan
B.	Gondi	II.	Austro-Asiatic
C.	Khasi	III.	Tibeto-Burmese
D.	Lahauli	IV.	Dravidian

Choose the correct answer from the options given below:

1. A-IV, B-I, C-III, D-II
2. A-IV, B-III, C-II, D-I
3. A-I, B-II, C-III, D-IV
4. A-I, B-IV, C-II, D-III

Ans:4

66. Identify the correct statements about Deep ecology,

- A. All life has intrinsic value.
- B. Humans have right to reduce richness and diversity of life-forms on earth.
- C. The value of non-human life-forms is independent of the usefulness they may have for narrow human purposes.
- D. The flourishing of non-human life requires increase in the human population.

Choose the most appropriate answer from the options given below:

1. A and B only
2. B and C only
3. A and C only
4. C and D only

Ans:3

67. Which of the following was NOT a characteristic of core-periphery model of development?

1. Unequal distribution of resources and development.
2. Periphery witnesses the growth earlier.
3. Cores have human and physical advantages.
4. Some areas develop faster than others.

Ans:2

68. The origin and mechanism of South-West Monsoon is NOT associated with_____.

1. differential rates of heating and cooling of land and sea.
2. upper air circulations
3. western disturbances
4. ENSO

Ans:3

69. The fastest and deepest geostrophic currents are found at the _____ boundaries of ocean basins.

1. western
2. eastern
3. equatorial
4. northern

Ans:1

70. Match the List-I with List-II

LIST I (Deep/Trench)		LIST II (Ocean)	
A.	Puerto Rico Trench	I.	Arctic
B.	Java-Sunda Trench	II.	Pacific
C.	Challenger deep	III.	Indian
D.	Molloy deep	IV.	Atlantic

Choose the correct answer from the options given below:

1. A-III, B-IV, C-I, D-II
2. A-I, B-III, C-II, D-IV
3. A-III, B-IV, C-II, D-I
4. A-IV, B-III, C-II, D-I

Ans:4

71. Arrange the following development plans of India in descending order of their launch year.

- A. Desert Development Program
- B. Rashtriya Sam Vikas Yojna
- C. Command Area Development Program
- D. National Watershed Development Program in Rainfed Areas.

Choose the **correct** answer from the options given below:

1. A, B, C, D
2. A, C, B, D
3. B, C, A, D
4. B, D, A, C

Ans:4

72. Identify the correct statements with reference to population composition of India, based on Census of India, 2011.

- A. Sex ratio in Gujarat and Himachal Pradesh was more than the national average.
- B. The level of literacy in Uttar Pradesh and Andhra Pradesh was more than the national average.
- C. The share (%) of Buddhists in the population of Sikkim is more than the share of Muslims in the population of Uttar Pradesh.
- D. The share of Sikh population in Chandigarh is more than 10 percent and in Haryana it is less than 10 percent.

Choose the correct answer from the options given below:

- 1. A, B and D only
- 2. B, C and D only
- 3. B, and C only
- 4. C and D only

Ans:4

73. Match the List-I with List-II

LIST I (Index)		LIST II (Equation)	
A.	Beta	I.	c/d
B.	Pi	II.	$e/3(v-2)$
C.	Gamma	III.	e/v
D.	Theta	IV.	T/V

Choose the correct answer from the options given below:

- 1. A-I, B-III, C-II, D-IV
- 2. A-III, B-I, C-II, D-IV
- 3. A-IV, B-II, C-I, D-III
- 4. A-III, B-I, C-IV, D-II

Ans:2

74. _____ layer of ionosphere is also known as the Kennelly-Heaviside layer.

- 1. D
- 2. G
- 3. E
- 4. F

Ans:3

75. The workers engaged in secondary activities are also called _____

1. Blue-collar workers
2. Pink-collar workers
3. White-collar workers
4. Orange collar workers

Ans:1

76. Which of the following statements about energy resources are **NOT** correct?

- A. Natural gas occurs only with oil in oil fields.
- B. In an oil well, density of oil is found higher than rocks containing oil.
- C. Bituminous is the most widely occurring grade as coal.
- D. Russia has the largest gas reserves in the world.

Choose the correct answer from the options given below:

1. A and B only
2. B and C only
3. A and D only
4. B and D only

Ans:1

77. Arrange the following surfaces of the Earth on the basis of Albedo (% reflected) in descending order.

- A. Water (High sun)
- B. Crops
- C. Fresh snow
- D. Desert

Choose the correct answer from the options given below:

1. D, B, A, C
2. A, B, C, D
3. C, D, B, A
4. B, C, A, D

Ans:3

78. _____ presented evidence in support of continental drift in his book 'Our Wandering Continents.'

1. Wegener
2. Harry Hess
3. Alexander du Toit
4. F. Vine

Ans:3

79. Match the **List-I** with **List-II**

LIST I (Book)	LIST II (Author)

A.	Towns and Cities	I.	Geddes
B.	The City in History	II.	Mumford
C.	Cities in Evolution	III.	Jones
D.	Geography of Towns	IV.	Smailes

Choose the **correct** answer from the options given below:

- 1.A-I, B-II, C-III, D-IV
- 2.A-III, B-II, C-I, D-IV
- 3.A-IV, B-III, C-II, D-I
- 4.A-II, B-IV, C-I, D-III

Ans:2

80.Which type of ecosystem has the highest mean net primary productivity (dry gram/m²/year).

- 1.Lake and stream
- 2.Boreal Forest
- 3.Tropical savanna
- 4.Agricultural land

Ans:2

81.Land reforms did NOT address the issue of _____.

- 1.the presence of intermediaries
- 2.uneven distribution of land
- 3.upgradation and updating of land records
- 4.dependence of Indian agriculture on monsoon

Ans:4

82.Which of the following perspective of geography emerged as a part of Radical-Marxist orientation of human geography.

- 1.Behavioural Geography
- 2.Positivism
- 3.Feminist Geography
- 4.Quantitative Revolution

Ans:3

83.Among the following, the _____ has the highest peak.

- 1.Aravali Range
- 2.Satpura Range
- 3.Vindhyan Range

4.Mizo Hills

Ans:4

84.Match the **List-I** with **List-II**

LIST I (Hazard)		LIST II (Prone Area)	
A.	GLOF	I.	Odisha
B.	Landslide	II.	Kutch
C.	Tropical Cyclone	III.	Sikkim
D.	Earthquake	IV.	Western Ghat

Choose the **correct** answer from the options given below:

- 1.A-IV, B-III, C-I, D-II
- 2.A-III, B-IV, C-II, D-I
- 3.A-III, B-IV, C-I, D-II
- 4.A-IV, B-II, C-II, D-I

Ans:3

85.Which of the following is associated with an understanding of our place in the world based on human superiority and dominance over nature, the unrestricted use of natural resources, and increased economic growth to manage an expanding industrial base?

- 1.Anthropocentric
- 2.Bio-centric
- 3.Eco-centric
- 4.Geo-centric

Ans:1

86.The situation when people from a certain social background are denied to a particular facility is called_____.

- 1.Complete Exclusion
- 2.Explicit Exclusion
- 3.Selective Exclusion
- 4.Implicit Exclusion

Ans:2

87.The units locally called panna, para, palli, nagla and dhani, are associated with which of the following rural settlement?

- 1.Clustered settlement

2. Agglomerated settlement
3. Hamleted settlement
4. Fragmented settlement.

Ans:3

88. The book 'Geography of Peace' laid the foundation of the _____ concept.

1. Heartland
2. Rimland
3. Sea Power
4. Air Power

Ans:2

89. Arrange the following census years in descending order on the basis of decadal growth rates of population of India.

- A. 2001 census
- B. 1991 census
- C. 1951 census
- D. 1921 census

Choose the correct answer from the options given below:

1. B, C, A, D
2. C, B, D, A
3. B, C, D, A
4. B, A, C, D

Ans:4

90. Identify the statements which are NOT correct about Dualism in Geography.

- A. For the first time, geography was divided into General and Special geography by Humboldt.
- B. Hettner claimed that geography is idiographic in nature than nomothetic.
- C. Humboldt was the founder of systematic geography while Ritter favoured regional geography.
- D. Ratzel was obsessed by the concept of interdependence of things rather than genesis of things.

Choose the most appropriate answer from the options given below.

1. A and B only
2. A and D only
3. B and D only
4. B and C only

Ans:2

91. The frequency of tornadoes in USA is highest in months from _____

1. October to December
2. November to January

3. June to September

4. April to June

Ans:4

92. Identify correct statements about Chi-square test.

A. It is a parametric test.

B. The null hypothesis states that the difference between the observed and expected frequencies is not significant.

C. Rejection of null hypothesis indicates that differences between observed and expected frequencies are real.

D. To reject null hypothesis the tabled value should be greater than computed value of a Chi-square.

Choose the most appropriate answer from the options given below.

1. B and C only

2. A and B only

3. B and D only

4. C and D only

Ans:1

93. The Davisian concept of cycle of erosion was inspired by the central idea of the book published by _____.

1. Clements

2. Darwin

3. Fleur

4. Haeckel

Ans:2

94. Identify correct statements about relief features of the oceans.

A. Telegraph plateau and Albatross plateau are located in North Atlantic and South Atlantic, respectively.

B. The Walvis Ridge separates Angola basin from Agulhas basin.

C. Carlsberg Ridge is located in Indian Ocean.

D. Amsterdam - St. Paul plateau is located in the South Pacific Ocean.

Choose the correct answer from the options given below:

1. A, B and C only

2. B, C and D only

3. B and C only

4. A and D only

Ans:3

95. Identify the **WRONG** statements about World Trade Organization (WTO).

A. It was formed to liberalise the world trade from high custom tariffs.

B. It is the only organisation at international level that deals with global rules of trade between

nations.

C. India is one of its founder members.

D. It is narrowing the gulf between rich and poor countries.

Choose the correct answer from the options given below:

1.A and D only

2.A and B only

3.C and D only

4.B and C only

Ans:1

96.Arrange the headquarters of the following Regional Organisations from Equator towards North Pole.

A. SAARC

B. ASEAN

C. OPEC

D. EU

choose the correct answer from the options given below:

1.B, A, C, D

2.A, B, C, D

3.D, C, B, A

4.C, D, A, B

Ans:1

97.Among the following the percentage share of _____ commodity group was highest in major imports of India during 2021-22.

1.Electronic Goods

2.Edible Oil

3.Chemicals

4.Transport equipments

Ans:1

98._____ stage can be defined as a small market town where the traditional values are still upheld while the modern amenities have started emerging.

1.Polis

2.Eopolis

3.Biotechnic

4.Tyrannopolis

Ans:1

99.Arrange the following forest cover types of India in descending order of their areal extent.

A. Tropical Wet Evergreen Forest

- B. Tropical Dry Deciduous Forest
- C. Tropical-Moist Deciduous Forest
- D. Tropical Semi-Evergreen Forest

Choose the correct answer from the options given below:

- 1. C, B, A, D
- 2. B, C, D, A
- 3. B, C, A, D
- 4. C, B, D, A

Ans:2

100.The statement, "Supreme achievements of civilizations in any region were always bounded up with a particular type of climate" in favour of environmental determinism was given by_____.

- 1. Darwin
- 2. Semple
- 3. Huntington
- 4. Ratzel

Ans:3

101.The next Hawaiian island that will come into being - already named Loihi - is building on the ocean floor at the_____ end of the chain.

- 1. north western
- 2. western
- 3. south eastern
- 4. north eastern

Ans:3

102.Identify the correct statements about geo-politics of Indian Ocean.

- A. World Super Power (USA) has showed no interest to mark its presence in Indian Ocean.
- B. A very little part of world oil trade passes through Indian Ocean.
- C. Bay of Bengal had been named according to dominant power of India in past.
- D. The quasi-naval bases developed by China in Indian Ocean are called 'String of Pearls'.

Choose the most appropriate answer from the options given below:

- 1. A, B and C only
- 2. B and D only
- 3. C and D only
- 4. B, C and D only

Ans:3

103.Identify correct statements with reference to the heat budget of the Earth.

- A. In the albedo of the earth-atmosphere system dominant role is played by clouds.

- B. Out of the incoming solar radiation more units are absorbed by atmosphere as compared to the earth surface.
- C. In the latitudinal belt of 30° N to Arctic circle the amount of incoming solar radiation is more than that of the outgoing terrestrial radiation.
- D. In Latitudinal heat transfer atmospheric circulation dominates over oceanic circulations.
- Choose the correct answer from the options given below:

- 1.A and B only
- 2.A, C and D only
- 3.A, B and C only
- 4.A and D only

Ans:4

104.Which of the following is NOT a determinant of voting behaviour in India?

- 1.Caste of Candidate
- 2.Age of candidate
- 3.Charismatic leader
- 4.Party of the candidate

Ans:2

105.Match the List-I with List-II

LIST I (Spectral Resolution(μm))		LIST II (Band Utility)	
A.	0.841-0.876	I.	Leaf-Area-index mapping
B.	0.915-0.965	II.	Atmospheric Water Vapour
C.	1.360-1.390	III.	Cirrus Clouds
D.	13.185-13.485	IV.	Cloud-top altitude

Choose the **correct** answer from the options given below:

- 1.A-I, B-III, C-IV, D-II
- 2.A-I, B-II, C-III, D-IV
- 3.A-IV, B-III, C-II, D-I
- 4.A-III, B-IV, C-I, D-II

Ans:2

106.Identify the correct statements about Schaefer-Hartshorne debate.

- A. For Hartshorne, geography is what geographers have made it while Schaefer worked on what geography should be.
- B. Schaefer promoted the study of areal differentiation while Hartshorne favoured exceptionalism in geography.
- C. Schaefer advocated for formulation of laws in geography.

D. Schaefer was against the application of positivist methods in geography.

Choose the correct answer from the options given below.

- 1.A and B only
- 2.A and C only
- 3.Band C only
- 4.C and D only

Ans:2

107.In the following, which one represents the group of erosional landforms.

- 1.Zeugen, Truncated Spurs, Lapies
- 2.Interlocking Spurs, Kame, Stalagmites
- 3.Hanging valley, Tombolo, Sea cave
- 4.Pot holes, Dreikanter, Drumlin

Ans:1

Q.108

The road width on the ground is 60 feet while 2 inches on the aerial photograph. The scale of the aerial photograph is_____.

- 1.1: 3600
- 2.1: 360
- 3.1: 120
- 4.1: 1200

Ans:2

109.The Ekman spiral effect explains_____.

- 1.the deflection in the direction of flow of surface current.
- 2.the relationship of amphidromic points with co-tidal lines.
- 3.the progressive wave theory of tides.
- 4.the presence of thermocline and halocline zones.

Ans:1

110.In Absteigende entwicklung phase of landscape development model of Penck

- 1.process of valley deepening dominates over valley widening
- 2.rate of upliftment is more than rate of erosion
- 3.absolute height increases but relative relief decreases

Ans:4

111.Identify the correct statements about techniques used in mapping the Terra.

- A. Clinographic curve illustrates the average gradient between successive contours and shows up prominently any abrupt change in the general relief depicted on a map.
- B. The relation between horizontal and vertical scales is known as horizontal exaggeration.
- C. A profile drawn along the stretch of road, or a river, is called longitudinal profile.

D. Across profile gives a panoramic view with a distant sky-line, a middle ground and a foreground.

Choose the correct answer from the options given below.

- 1.A and B only
- 2.B and C only
- 3.A and C only
- 4.C and D only

Ans:3

112.In the graphic illustration of the geographical cycle of Davis the gap between two curves (upper and lower) represents:

- 1.absolute height of water-divides
- 2.relative relief
- 3.altitudes of valley bottoms
4. base level of erosion

Ans:2

113.Identify the correct statements with reference to landforms and plate-tectonics.

- A. The violent volcanoes of South America are associated with ocean-continent convergence.
- B. The Himalayas originated due to continent-continent convergence.
- C. Hot spots are always located at plate boundaries.
- D. Earth's persistent magnetic field is caused by the movement of molten metal in the inner core.

Choose the most appropriate answer from the options given below:

1. A and C only
- 2.B and D only
- 3.B and C only
- 4.A and B only

Ans:4

114._____ was NOT associated with behavioural movement in Geography,.

- 1.Harvey
- 2.Gould
- 3.Wolpert
- 4.Pred

Ans:1

115.At present, in total foodgrain (includes cereals and pulses) production the share of Kharif and rabi crops is_____:

- 1.almost equal
- 2.Highly unequal

3.in ratio of 4: 1

4. in ratio of 2: 1

Ans:1

116._____refers to that site which has previously been used and has become derelict. It has to be made safe before it can be used for development.

1.Greenfield site

2.Yellowfield site

3.Brownfield site

4.Redfield site

Ans:3

117.Which of the following is used to identify the sphere of influence of towns or cities?

1.A variant of flowline map.

2.Choropleth map

3.Isarithmic map

4.Chorochromatic map

Ans:1

118.Match List I with List II

LIST I (Landform)		LIST II (Earth Movement)	
A.	Wasatch Range	I.	Epeirogenic
B.	Colorado Plateau	II.	Orogenic
C.	Narmada Valley	III.	Vulcanism
D.	Laki Plain	IV.	Faulting

Choose the correct answer from the options given below:

1.A-I, B-IV, C-IT, D-II

2. A-III, B-I, C-IV, D-II

3. A-I, B-II, C-IV, D-II

4. A-II, B-I, C-IV, D-III

Ans:4

119.As the tsunami crest approaches shore _____

1. the period of the wave reduces; its velocity increases and its height increases gradually.

2. its velocity drops but its period and height remain constant.

3. the period of the wave remains constant; its velocity drops and the wave height greatly increases.

4. its height increases greatly as its period and velocity increases.

Ans:3

120.The steeper slopes and faster movements provide the explanation for more intense weather phenomena associated with_____.

- 1.warm front
- 2.cold front
- 3.doldrums
- 4.shrieking sixties

Ans:2

121.Arrange the following Indian scholars in correct chronological order of their birth.

- A. Bhaskaracharya
- B. Varahamihira
- C. Aryabhata
- D. Brahmagupta

Choose the correct answer from the options given below:

- 1.C, B, D, A
- 2.B, C, D, A
- 3.A, B, E, D
- 4.D, A, B, C

Ans:1

122._____is the broad transition between two different ecosystems of mainly plant communities.

- 1.Ecoclinal
- 2.Mutation
- 3.Homeostatic mechanism
- 4.Cultivated ecosystem

Ans:1

123.Identify the correct statements with reference to weathering:

- A. Chemical weathering is common in desert areas due to large diurnal variations of temperature.
- B. Mechanical weathering occurs in cold regions by means of frost action.
- C. One form of mechanical weathering by plants is called chelating.
- D. Limestone is very resistant to wind action but it is highly susceptible to rain water.

Choose the correct answer from the options given below:

- 1.B and D only
- 2.A, B and D only

3.B, C and D only

4.A, B and C only

Ans:1

124.Match List I with List II

LIST I (Climate)		LIST II (Letter Symbol by Koppen)	
A.	Tropical Savanna	I	Cs
B.	Mediterranean Climate	II	As
C.	Semi-arid	III	AW
D.	Prevails in Coastal Tamil Nadu	IV	BS

Choose the correct answer from the options given below:

1.A-II, B-I, C-IV, D-II

2.A-III, B-I, C-IV, D-II

3.A-III, B-IV, C-I, D-II

4.A-II, B-IV, C-I, D-III

Ans:2

125.Identify the wrong statements with reference to United Nations sustainable aims of Goal 6.

A. Achieving the goal of universal access to safe and affordable drinking water by 2030.

B. To ensure access to clean energy to all by 2030.

C. Protecting and restoring water-related ecosystems.

D. Application of technological measures to reduce energy consumption in industries and building by 14 percent.

Choose the correct answer from the options given below:

1.B and C only

2.A and B only

3.A and C only

4. B and D only

Ans:4

126.Which of the following statement about Weber's Theory of Industrial Location is NOT correct?

1.Transport, labour and agglomeration play major role in the location of industries.

2.If both raw materials are weight loosing and market is at an equilateral triangle, the ideal location for industry is in the middle of triangle leaning towards raw material sources.

3.If both raw materials are weight loosing and market is at equilateral triangle, the ideal location for industry is at market.

4. Isodapane is a line joining the points of equal additional transportation cost.

Ans:3

127. Which of the following is NOT a characteristic of National Health Policy, 2017?

1. To achieve universal health coverage by collaborating with non-government sector.
2. To increase government spending in health from 1.15% to 2.5% of GDP by 2025.
3. Strengthening of public health system is exclusive responsibility of the central government.
4. It relies heavily on private and voluntary sectors to fulfil its goals.

Ans:3

128. Identify correct statements with reference to transportation in India.

- A. The share of road transportation is more than the share of rail transport in passenger traffic.
- B. Development of economic corridors and multi-modal logistic parks are key components of the Bharatmala Project.
- C. Under the Sagarmala project, a new mega port will be developed at Belikeri on Tamil Nadu coast.
- D. The National Waterway number 5 is currently being developed in Goa to transport iron ore to Marmagao port

Choose the correct answer from the options given below:

1. A and B only
2. A, B and C only
3. B, C and D only
4. C and D only

Ans:1

129. The primary cause for vertical movements of water in oceans is _____

1. atmospheric pressure differences
2. Coriolis force
3. ocean bottom topography
4. density differences

Ans:4

130. The term Edge city was coined by _____.

1. Garrison
2. Garreau
3. Feagani and Parker
4. Lang

Ans:2

131. In 1995, the Basel Convention was amended to _____ from industrialised to developing countries.

- 1.allow the export of hazardous waste
- 2.ban the export of any hazardous waste
- 3.allow export of hazardous waste with prior consent
- 4.restrict the international transport of hazardous waste.

Ans:2

132.Arrange the following trenches of the Pacific Ocean in North to South direction.

- 1.Tonga
- 2.Kuril
- 3.Kermadec
- 4.Bonin

Choose the correct answer from the options given below:

- 1.B, D, C, A
- 2.B, D, A, C
- 3.C, B, A, D
- 4.C, B, D, A

Ans:2

133.Match the List-I with List-II

LIST I		LIST II	
A.	Brundtland	I.	Reducing the emission of six green houses gases
B.	Kyoto protocol	II.	Five pillars- People, Prosperity, Planet, Peace, Partnership
C.	Paris Agreement	III.	Our Common Future
D.	Sustainable development Goals	IV.	To limit global warming to 1.5° C by this century.

Choose the correet answer from the options given below:

- 1.A-I, B-III, C-II, D-IV
- 2.A-III, B-I, C-IV, D-II
- 3.A-II, B-II, C-I, D-IV
- 4.A-IV, B-II, C-III, D-I

Ans:2

134._____ model is based on the basic assumption of urban ecology.

1. Gravity
2. Concentric zone
3. Multiple-nuclei
4. The City and the Grassroots

Ans:2

135. In which of the following phase, the plant seeds are established in the newly created bare area through germination and plant growth in a given habitat?

1. Phase of reaction
2. Phase of stabilization
3. Phase of ecesis
4. Phase of nudation

Ans:3

136. Identify the WRONG statements with reference to Losch's central place theory.

- A. It is suitable for distribution of central places with sparse distribution of settlements.
- B. It is suitable for understanding the economic change in densely populated regions.
- C. It assumes the coexistence of a large number of *K' factor values and hierarchies.
- D. It is more valid for tertiary services than secondary activities.

Choose the correct answer from the options given below:

1. A, B and D only
2. B, C and D only
3. A, C and D only
4. A and D only

Ans:4

137. Which of the following statement about Von Thunen's Model of Agricultural land use is NOT correct?

1. Intensity of land use declines with the distance from the market.
2. The farmers have a full knowledge of the needs of the market.
3. In Zone-V, one-third of the land is always kept fallow.
4. In Zone-III, as the distance increases, there is a consequent increase in yield.

Ans:4

138. _____ is a cold ocean current.

1. Florida current
2. Labrador current
3. Kuroshio current
4. East Australian current

Ans:2

139. The crop region of _____ is NOT confined to the region of high rainfall in India.

1. Cotton
2. Rubber
3. Tea
4. 4. Jute

Ans:1

140. The present trend of global warming is a result of _____

1. orbital and solar variability
2. earth movements
3. changes in composition of atmosphere
4. sunspot cycles

Ans:3

Comprehension:

The map displaying the distribution of objects/elements by using different colours are known as the Colour Patch Maps or the Choro-chromatic map. They are of three types based on colour selection and shading. In the first type of maps various areas are shown by selecting any random sequence of colours, arbitrarily, and they are called Simple Colour Maps. In the second type of choro-chromatic types, the maps are prepared by using standard colours of international colour scheme. The third type of maps are prepared using Layer Tint Method where multiple densities or shades of the same colour are used to highlight various properties. The method of displaying the distribution of elements with the help of different shades of the black colour is used in the distribution map. This method is similar to colour patch method. The method of displaying the distribution of elements through pictures in the distribution map is called the pictorial method.

141. Which of the following is a characteristic of Simple Shade Method?

1. Variations of distribution are shown by using shades of any colour.
2. Variations of distribution are shown by using shades of black or black and white scheme.
3. Variations of distribution are shown by using sketches or graphics based on pictures.
4. There is no difference between Colour Patch Method and Simple Shade method.

Ans:2

142. Map showing the major mining centers of India for different minerals is an example of _____.

1. chorochromatic maps
2. choropleth maps
3. choroschematic maps
4. Isopleth maps

Ans:3

143. Political map of India is an example of _____.

1. International Colour Scheme Map
2. Layer Tint Method Map
3. Simple Colour Map
4. Choropleth Map

Ans:3

144. In topographical maps of India, plateau is shown with the help of _____ colour

1. Yellow
2. Dark Brown
3. Light Brown
4. Red

Ans:3

145. Which of the following is **NOT** a qualitative method of map making?

1. Chorochromatic
2. Choropleth
3. Choroschematic
4. Color-Patch

Ans:2

146. The term 'megalopolis' was popularised by _____.

1. P. Geddes
2. L. Mumford
3. J. Gottman
4. H. Pirenne

Ans:3

147. In the Census of India _____ criterion is NOT used to differentiate urban from rural.

1. administrative
2. demographic
3. social
4. economic

Ans:3

148. Urban landscape stretched from Boston to Washington in USA is the best example of _____.

1. Conurbation
2. Megalopolis
3. City
4. Town

Ans:2

149. The term conurbation was coined by _____.

1. Geddes
2. Gottman
3. Mumford

4. Griffin

Ans:1

150.Which of the following city was **NOT** a million city of India as per Census, 2011?

1. Surat
2. Dehradun
3. Ranchi
4. Kota

Ans:2

NABARUN ACADEMY