

**DO NOT OPEN THIS TEST BOOKLET UNTIL YOU ARE ASKED TO DO SO**

**TEST BOOKLET**  
**AP(CC)GEOGRAPHY-2016**

Time Allowed : 2 Hours]

[Maximum Marks : 100

All questions carry equal marks.

**INSTRUCTIONS**

1. Immediately after the commencement of the examination, you should check that test booklet does not have any unprinted or torn or missing pages or items, etc. If so, get it replaced by a complete test booklet.
2. Write your Roll Number only in the box provided alongside.   
Do not write anything else on the Test Booklet.
3. This Test Booklet contains 100 items (questions). Each item comprises four responses (answers). Choose only one response for each item which you consider the best.
4. After the candidate has read each item in the Test Booklet and decided which of the given responses is correct or the best, he has to mark the circle containing the letter of the selected response by blackening it completely with Black or Blue ball pen. In the following example, response "C" is so marked :  

(A)   (B)   ●   (D)
5. Do the encoding carefully as given in the illustrations. While encoding your particulars or marking the answers on answer sheet, you should blacken the circle corresponding to the choice in full and no part of the circle should be left unfilled. After the response has been marked in the ANSWER SHEET, no erasing/fluid is allowed.
6. You have to mark all your responses ONLY on the ANSWER SHEET separately given according to 'INSTRUCTIONS FOR CANDIDATES' already supplied to you. Responses marked on the Test Booklet or in any paper other than the answer sheet shall not be examined.
7. All items carry equal marks. Attempt all items. Your total marks will depend only on the number of correct responses marked by you in the Answer Sheet. There will be no negative marking.
8. Before you proceed to mark responses in the Answer Sheet fill in the particulars in the front portion of the Answer Sheet as per the instructions sent to you.
9. If a candidate gives more than one answer, it will be treated as a wrong answer even if one of the given answers happens to be correct.
10. After you have completed the test, hand over the Answer Sheet only, to the Invigilator.

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1. If the movement of the earth's crust or a major climatic change makes old stream young, it is called :  
(A) Consequent stream (B) Subsequent stream  
(C) Aggradation (D) Rejuvenation
2. Infiltration is measured by :  
(A) Cylindrical metal ring (B) Lysimeters  
(C) USWB class A Pan (D) Ring gauges
3. Evaporation from a free water surface is measured by :  
(A) Lysimeters (B) Ring infiltrometer  
(C) USWB class A pan (D) Anemometers
4. Which soil type has a low detachability rate ?  
(A) Fine clay (B) Coarse sand  
(C) Silt loam (D) Organic matter

5. Turbidity in water is the measurement of :

(A) Sediment content

(B) Insoluble suspended material

(C) Organic matter

(D) None of these

6. Torrents have :

(A) Variable discharge

(B) Smooth discharge

(C) Tranquil flow

(D) None of these

7. Who among the following is associated with the Berkeley school of geography ?

(A) Carl O Sauer

(B) Richard Hartshorne

(C) Griffith Taylor

(D) None of these

8. Spaces that are defined and measured in terms of people's value, feelings, beliefs and perceptions about locations, districts and regions is known as :

(A) Cultural space

(B) Cognitive space

(C) Topological space

(D) Socio-economic space

9. Philosophical perspectives that prescribe moral principles as guidance for our treatment of nature is termed as :
- (A) Ecotheology (B) Deep Ecology  
(C) Environmental justice (D) Environmental ethics
10. Which one of the following is *not* a measure of landuse/landcover classification accuracy ?
- (A) Producer's accuracy (B) User's accuracy  
(C) Kappa coefficient (D) None of these
11. Bench terraces have the shape of a :
- (A) Ridge (B) Channel  
(C) Platform (D) None of these
12. Which of the following options best reflects quality of a researcher ?
- (A) Impact factor (B) g-index  
(C) h-index (D) q-index

13. Which among the following is *not* a criterion to identify causal relationship between any two variables ?
- (A) Temporality (B) Consistency  
(C) Strength (D) Classification
14. ANOVA examines the following :
- (A) Compares z-scores between any two population  
(B) Compares means between any two population  
(C) Compares dispersion between any two population  
(D) None of the above
15. Match List A the key texts in Physical Geography with List B their authors :

**List A**

**List B**

- |                                 |                    |
|---------------------------------|--------------------|
| (a) Principles of Geomorphology | (a) G.T. Trewartha |
| (b) An Introduction to Climate  | (b) J.A. Steers    |
| (c) The Unstable Earth          | (c) W.D. Thornbury |
| (d) The Monsoons                | (d) P.K. Das       |

Which of the following is *correctly* matched ?

- (A) *ab, bc, cd, da* (B) *ac, ba, cb, dd*  
(C) *aa, bb, cc, dd* (D) *ad, bb, ca, dd*

16. Which of the following is *not* a high spatial resolution satellite ?
- (A) SKYSAT (B) LANDSAT  
(C) IKONOS (D) QUICKBIRD
17. Which among the following is a misfit option ?
- (A) Quartiles (B) Range  
(C) Percentiles (D) Z-scores
18. Which one of the following expressed the projected urbanized world or universal city by the end of 21st century ?
- (A) Megalopolis (B) Ecumenopolis  
(C) Conurbation (D) Urban-field
19. A cultivated sloping land where rains cause runoff to concentrate in small channels running down-slope and causing soil loss would be said to be experiencing :
- (A) Rill erosion (B) Inter-rill erosion  
(C) Splash erosion (D) Sheet erosion

20. Which of the Geographers listed below are known for their contributions to field of Emotional Geographies ?

(A) Gillian Rose

(B) Liz Bondi

(C) Richard Peet

(D) Davis Harvey

21. The process of urbanization is typically represented through which one of the following curves ?

(A) Exponential curve

(B) Gompertz curve

(C) Logistic curve

(D) Logarithmic curve

22. In which of the following states is Tungbhadra project of irrigation ?

(A) Bihar

(B) Andhra Pradesh

(C) Tamil Nadu

(D) Maharashtra

23. Pingo is landform associated with :

(A) Wind action

(B) Permafrost

(C) Wave action

(D) Fluvial landform

24. An aquifer confined at the bottom but not at the top is called :
- (A) Unconfined aquifer                      (B) Semi-confined aquifer  
(C) Confined aquifer                        (D) Perched aquifer
25. Himalayan orogeny started in :
- (A) Holocene                                    (B) Pliocene  
(C) Miocene                                     (D) Eocene
26. To estimate crop productivity based on per hectare use of fertilizer we can use :
- (A) Chi-square                                (B) Correlation  
(C) Regression                                (D) Coefficient
27. Western Ghats is an example of :
- (A) Intercontinental rift                      (B) Continental flood basalts  
(C) Passive continental margin              (D) Transform fault



28. Which of the following data typologies is *incorrect* ?

- (A) Primary and secondary data
- (B) Categorical and continuous data
- (C) Hard and soft data
- (D) None of the above

29. The cultural hearth refers to which one of the following ?

- (A) The cultural turn in human geography
- (B) The place of origin of a cultural system
- (C) The area of diffusion of a cultural trait
- (D) All of the above

30. Archipelago is :

- (A) The ring-shaped coral reef
- (B) A group of islands
- (C) A stream bed in the desert
- (D) A type of glacier

31. Ekistics refers to which one of the following ?
- (A) Study of human settlement
  - (B) Study of atmospheric dynamics
  - (C) Study of plate tectonics
  - (D) Study of demographic transition
32. Which of the following organizations conducts National Sample Surveys (NSS) in India ?
- (A) Ministry of Statistics and Programme Implementation
  - (B) Ministry of Home Affairs
  - (C) Ministry of Urban Development
  - (D) Ministry of Finance
33. The Chilka lake region lies in between the deltas of :
- (A) Mahanadi and Godavari
  - (B) Krishna and Kaveri
  - (C) Godavari and Krishna
  - (D) Ganga and Mahanadi

34. The office of Registrar General and Census Commissioner of India is *not* responsible for :

- (A) Annual health survey (B) Sample registration system  
(C) Civil registration system (D) National family health survey

35. Which of the following countries is *not* a member of SAARC ?

- (A) Pakistan (B) Bangladesh  
(C) Bhutan (D) China

36. Which state earned the name of "Fruit Bowl" of the country ?

- (A) Jammu & Kashmir (B) Uttarakhand  
(C) Uttar Pradesh (D) Himachal Pradesh

37. The current produced by upwelling of cool water off the coast of Chile and Peru is known as :

- (A) Agulhas current (B) El Nino  
(C) Humboldt current (D) Canary current

38. The Latitude belts between  $30^{\circ}$  and  $35^{\circ}$  North and South where winds are light and variable are known as :
- (A) Trades (B) Horse latitudes  
(C) Doldrums (D) Highs
39. What is the predominant type of Indian agriculture ?
- (A) Commercial agriculture (B) Extensive agriculture  
(C) Plantation agriculture (D) Subsistence agriculture
40. Which of the following oceans are connected by Panama canal ?
- (A) Pacific and Atlantic (B) Atlantic and Indian Ocean  
(C) Indian Ocean and Pacific (D) None of these
41. The continental drift theory was propounded by :
- (A) F.B. Taylor (B) Lowthian Green  
(C) Alfred Wegner (D) J.A. Steers
42. Which of the following is *not* a measure of dispersion ?
- (A) Standard deviation (B) Range  
(C) Coefficient of determination (D) Coefficient of variation

43. If mean is 4 and standard deviation is 2, what will be coefficient of variation ?

(A) 1.5

(B) 0.5

(C) 2.0

(D) None of these

44. The Albedo of the earth as a whole is :

(A) 25%

(B) 50%

(C) 35%

(D) 10%

45. Which one of the following sampling designs is a misfit ?

(A) Snow ball sampling

(B) Quota sampling

(C) Referral sampling

(D) Multistage sampling

46. The equatorial rainforest is also known as :

(A) Savanna

(B) Campos

(C) Llanos

(D) Selva

47. Which one of the following software packages is misfit ?

(A) ArcGIS

(B) SPSS

(C) Arc Info

(D) QGIS

48. Match the following :

(a) Prairies

(1) Equatorial regions

(b) Savannas

(2) Temperate grasslands

(c) Selva

(3) Coniferous forests

(d) Taiga

(4) Tropical grasslands

Which one is the *correct* answer ?

(a) (b) (c) (d)

(A) (2) (1) (4) (3)

(B) (2) (4) (1) (3)

(C) (3) (1) (4) (2)

(D) (3) (4) (1) (2)

49. Match the following scholars with the field of specialization :

**List I**

- (a) Richard Hartshorne
- (b) Friedrich Ratzel
- (c) William D. Thornbury
- (d) Trewartha

**List II**

- (1) Climate
- (2) Areal Differentiation
- (3) Geomorphology
- (4) Political Geography

Which one is the *correct* answer ?

(a) (b) (c) (d)

(A) (3) (1) (2) (4)

(B) (4) (3) (1) (2)

(C) (1) (2) (4) (3)

(D) (2) (4) (3) (1)

50. Which is the third stage in Rostow's "Stages of Economic Growth" ?

(A) Drive to Maturity

(B) Pre-condition for take-off

(C) Take-off

(D) Age of high mass consumption

51. Which of the following is *not* a stage suggested by Marx in his "Theory of History" ?
- (A) Feudalism (B) Capitalism  
(C) Fascism (D) Socialism
52. The notion of 'Three-Sector Theory', investigating sequential progress of economics was simultaneously developed by three economists. Which among the following is *not* one of them ?
- (A) Nelson Foote (B) Colin Clark  
(C) Alan Fisher (D) Jean Fourastie
53. In the knowledge pyramid or hierarchy, which elements are respectively at the base and apex ?
- (A) Data and wisdom (B) Data and knowledge  
(C) Information and wisdom (D) Information and knowledge
54. Who among the following theorists does *not* subscribe to dependency branch/ theory of development ?
- (A) A.G. Frank (B) M.A. Santos  
(C) J. Friedmann (D) D. Slater



55. The 'growth pole strategies' failed due to which of the following factors ?
- (I) Not implemented properly
  - (II) Hastily abandoned and quickly discarded
  - (III) No empirical evaluation
- (A) (I) and (II)                      (B) (I) and (III)
- (C) (II) and (III)                    (D) (I), (II) and (III)
56. 'Territorial regional planning' is a development paradigm, whose chief feature is :
- (A) Top-down center-outward              (B) Bottom-up periphery-inward
- (C) Top-down periphery-inward            (D) Bottom-up center-outward
57. The field 'regional development theory' is *not* rooted to which of the following discipline ?
- (A) Regional Geography                      (B) Theoretical Geography
- (C) Regional Science                        (D) Regional Economics

58. Which of the following is *not* a stage of 'colonialism' as propounded by Slater ?

- (A) Colonial penetration                      (B) Colonial reformation  
(C) Colonial organization                      (D) Neo-colonial re-structure

59. What are Global Cities ?

- (A) Cities with large proportion of multi-national labour force  
(B) Cities with total population exceeding 20 million  
(C) Cities with highest tourist inflow  
(D) Cities that control a disproportionate amount of global business and finance

60. Which of the following is *not* any type of resolution used in remote sensing ?

- (A) Spatial                                      (B) Temporal  
(C) Radiometric                                (D) None of these

61. Who among the following is associated with the term "Situated knowledge" ?

(A) Ellen Sample

(B) Donna Haraway

(C) Susan Hanson

(D) Janice Monk

62. Who among the following is associated with World Systems Theory ?

(A) Friedrich Ratzel

(B) Immanuel Kant

(C) Immanuel Wallerstein

(D) Richard Hartshorne

63. Dogger Bank (Fishing bank) is located in :

(A) North Atlantic

(B) South Atlantic

(C) North Pacific

(D) South Pacific

64. Which one of the following books is *not* authored by David Harvey ?

(A) The Urban Experience

(B) Geographies of Global Change

(C) Explanation in Geography

(D) Limits to Capital

65. In the direct absorption of insolation the most significant part is played by :
- (A) Dust particles (B) Water vapor  
(C) Gases (D) Clouds
66. Guttenberg line divides :
- (A) Crust and Mantle (B) Upper crust and lower crust  
(C) Mantle and core (D) Outer core and inner core
67. Among the following which port is known as Euro port ?
- (A) Rotterdam (B) London  
(C) Le Havre (D) Hamburg
68. The book Perspectives on the Nature of Geography was authored by :
- (A) Derek Gregory (B) Richard Hartshorne  
(C) O.H.K. Spate (D) Tim Cresswell
69. Demographic transition theory is concerned with :
- (A) Ageing (B) Migration  
(C) Population (D) Advances in medical science

70. Who among the following is associated with Positivist Philosophy ?

(A) Alexander von Humboldt (B) Richard Hartshorne

(C) Auguste Comte (D) Ellen Semple

71. Lucien Febvre is associated with the idea of :

(A) Atop and go determinism (B) Positivism

(C) Humanistic geography (D) None of these

72. Discontent with the positivist traditions gave rise to :

(A) Behavioural geographies (B) Radical geographies

(C) Feminist geographies (D) All of these

73. Prerequisite for demarcating region is :

(A) Homogeneity (B) Climate

(C) Language (D) Caste

74. Who among the following is best known for exploring the relationship between space and place ?

(A) Yi Fu Tuan (B) David Smith

(C) Ellen Semple (D) Richard Peet

75. As per Human Development Report 2015, among 188 countries India ranks :
- (A) 129 (B) 130  
(C) 131 (D) 132
76. Which of the projections is more suitable for navigational purpose ?
- (A) Cylindrical Equal Area Projection  
(B) Mollweide's Projection  
(C) Mercator's Projection  
(D) Bonne's Projection
77. Which of the following is *not* included in the list of 100 upcoming smart cities of India ?
- (A) Noida (B) Guwahati  
(C) New Delhi Municipal Council (D) Pune
78. Law of Primate City was first proposed by :
- (A) Mark Jefferson (B) E.G. Ravenstein  
(C) E.W. Burgess (D) W. Christaller

79. Minimum satellite signals needed for precise positioning of GPS receiver is :
- (A) 3 (B) 4  
(C) 6 (D) 10
80. Clouds appear white in remote sensing images because of :
- (A) Scattering (B) Absorption  
(C) Reflection (D) Emission
81. Which mountain range separates Spiti from Tibet ?
- (A) Pir Panjal (B) Zaskar  
(C) Shivalik (D) Dhaula Dhar
82. In which month is Mani Mahesh Jatra fair (in Chamba District of H.P.) held ?
- (A) July (B) August  
(C) September (D) October
83. In which year did the construction of Bhakhara Dam begin ?
- (A) 1948 (B) 1951  
(C) 1956 (D) 1957

84. In which of the following ancient books there is reference of Kuluta (Kullu) ?

(A) *Brihat Samhita*

(B) *Vishnu Purana*

(C) *Ramayana*

(D) All of these

85. Which of the following temples in H.P. is in Pent roof style ?

(A) Shakti Devi temple at Chhatrari (Chamba)

(B) Shiva temple at Jubbal (Shimla District)

(C) Prashar temple at Mandi

(D) Hidimba temple in Manali (Kullu District)

86. In which district of H.P. is Shilla mountain peak ?

(A) Shimla

(B) Kinnaur

(C) Sirmaur

(D) Kangra

87. Which is the most popular deity among the Gaddis of H.P. ?

(A) Durga

(B) Shiva

(C) Vishnu

(D) Brahma



88. Which agency executed the Baspa II hydro power project in H.P. ?
- (A) M/s Jai Prakash Industries  
(B) M/s Hydro Watt  
(C) M/s Sai Engineering Foundation  
(D) M/s Lanco Green Power
89. How much discount is allowed to women in HRTC bus fare while travelling within the state ?
- (A) 10 percent (B) 15 percent  
(C) 20 percent (D) 25 percent
90. In how many towns of H.P. is Pradhan Mantri Awas Yojna for the poor being implemented ?
- (A) 08 (B) 11  
(C) 13 (D) 17
91. Which day is observed as St. Valentine's Day ?
- (A) February 14 (B) March 08  
(C) August 20 (D) October 09

92. Who is the Chief Minister of Goa ?

- (A) Mridula Sinha (B) Laxmikant Parsekar  
(C) Dayananda Bandodkar (D) None of these

93. Which is the largest freshwater lake in India ?

- (A) Wular lake (B) Dev Tal lake  
(C) Chilka lake (D) Kolleru lake

94. In which district of Puduchcheri is Cathedral of our lady of Immaculate Conception ?

- (A) Yanam (B) Karaikal  
(C) Mahe (D) Puduchcheri

95. Which Indian city is called Venice of East ?

- (A) Udaipur (B) Alleppey  
(C) Kolkata (D) Srinagar

96. Which country is hosting the 2018 winter olympics ?
- (A) Japan (B) South Korea  
(C) Belgium (D) Tajikistan
97. At which place is Bird Sanctuary in Rajasthan ?
- (A) Mount Abu (B) Sawai Madhopur  
(C) Kota (D) Bharatpur
98. Which Indian has been elected as new member of International Olympic Committee on the eve of Rio Olympics ?
- (A) Anurag Thakur (B) Nita Ambani  
(C) Rajiv Shukla (D) Sharad Pawar
99. What is the currency of South Africa ?
- (A) Rand (B) Rial  
(C) Tala (D) Cordoba
100. In which country is city Nice where the several people were run over by a truck ?
- (A) Germany (B) France  
(C) Italy (D) Belgium