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COMBINED COMPETITIVE (PRELIMINARY) EXAMINATION, 2013

Serial No.

GEOGRAPHY

Code No. 09

A

Time Allowed : Two Hours

Maximum Marks : 300

INSTRUCTIONS

1. IMMEDIATELY AFTER THE COMMENCEMENT OF THE EXAMINATION, YOU SHOULD CHECK THAT THIS 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.
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DO NOT write anything else on the Test Booklet.
4. This Booklet contains 120 items (questions). Each item comprises *four* responses (answers). You will select *one* response which you want to mark on the Response Sheet. In case you feel that there is more than one correct response, mark the response which you consider the best. In any case, choose **ONLY ONE** response for each item.
5. In case you find any discrepancy in this test booklet in any question(s) or the Responses, a written representation explaining the details of such alleged discrepancy, be submitted within three days, indicating the Question No(s) and the Test Booklet Series, in which the discrepancy is alleged. Representation not received within time shall not be entertained at all.
6. You have to mark all your responses **ONLY** on the separate Response Sheet provided. *See directions in the Response Sheet.*
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 Response Sheet.
8. Before you proceed to mark in the Response Sheet the response to various items in the Test Booklet, you have to fill in some particulars in the Response Sheet as per instructions sent to you with your Admit Card and Instructions.
9. While writing Centre, Subject and Roll No. on the top of the Response Sheet in appropriate boxes use **“ONLY BALL POINT PEN”**.
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Your Roll No.

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ROUGH WORK



1. The ozone layer sets in the altitude of about :
(A) 15 – 55 Km (B) 50 – 80 Km
(C) 10 – 12 Km (D) 5 – 10 Km
2. Tropical cyclones or hurricanes develop over ocean in latitudes :
(A) 8° to 15° N and South (B) 15° to 20° N and South
(C) 5° to 10° South (D) 5° to 10° North
3. Which one of the following pairs is correctly method ?
(A) A.N. Strabler – Peneplain (B) W.M. Davis – Peneplain
(C) L.C. King – Peneplain (D) C.H. Crickmay – Slope equilibrium
4. Which of the following codes is correct ?
(1) Karst topography – Blind valley
(2) Humid topography – Stone Lattice
(3) Aeolian topography – Ventifacts
(4) Periglacial tapography – Pingo
Select the correct answer using the codes given below :
(A) 1, 2 and 3 (B) 1, 3 and 4
(C) 1, 2 and 4 (D) 2, 3 and 4
5. Le Havre is a fishing bank located in :
(A) North-east pacific (B) South-east pacific
(C) North Atlantic (D) South Atlantic
6. Which one of the following pairs is correctly matched in Kappen's Scheme ?
(A) Cs – summer rains (B) Af – rain throughout the year
(C) Et – winter rain (D) Df – summer snow
7. The main cause of Kalahari being a desert is :
(A) the cold currents near the coast
(B) its location on the West coast in the tropics
(C) its location in the tropics
(D) increased numbers of human and cattle population
8. The boundary zone between the North American Plate and the Eurasian Plate exhibits conditions of:
(A) Convergence (B) Divergence
(C) Sinking (D) Sliding
9. Important coastal cities linking ocean and river traffic are often situated on or near deltas. Which of the following examples is not true in this connection ?
(A) Marseilles on the Rhone (B) Delhi on the Yamuna
(C) Paris on the Rhine (D) None of the above

10. 'Manchester' of Japan is :
(A) Kobe (B) Osaka
(C) Nagoya (D) Tokyo
11. In the process of delta formation, the sediment brought out by the stream is spread along the shore in both directions from the river mouth, giving a pointed delta with curved sides and resembles to a sharp tooth, is named :
(A) Esturian delta (B) Bird-foot delta
(C) Cuspate delta (D) Arcuate delta
12. An area which has not been glaciated may feature :
(A) Hanging valley (B) Corries and pyramidal peaks
(C) Drumlins (D) V-shaped valleys
13. A common glacial form with smoothly rounded, over hill resembling the bowl of an inverted teaspoon is called :
(A) Drumlin (B) Glaciofluvial sediment
(C) Hanging valley (D) None of the above
14. Which one of the following is the correct sequence in terms of descending values of Albedo ?
(A) Forest, snow, water (B) Snow, forest, water
(C) Water, snow, forest (D) Forest, water, snow
15. Foehn and Chinook winds occur in :
(A) The valley of the Northern Alps in Switzerland and on the Eastern slopes of Rockies in North America
(B) The eastern slopes of Southern Alps in Switzerland and on the Western slopes of Andes in South America
(C) Po valley in Northern Italy
(D) The Netherlands and New Zealand
16. A cold local wind draining occasionally down the Rhone Valley in Southern France is known as :
(A) Chinook (B) Mistral
(C) Bora (D) Blizzard
17. The El-Nino which influenced the Indian Monsoon is :
(A) A cold current that flows northwards along the coast of Chile
(B) A warm ocean current that flows westwards along the coast of Equador and Peru
(C) A low pressure system over Western coast of Spain
(D) None of the above

18. Salinity in ocean water decreases when :
- (A) Evaporation is more (B) Wind velocity is high
 (C) Rainfall is heavy (D) Humidity is high

19. Following relief zones are the characteristics of Ocean Basins :

- (1) Continental slope
 (2) Continental Shelf
 (3) Deep Sea Plain
 (4) Oceanic Trench

The correct sequence of their seaward appearance from the coast is :

- (A) 2, 1, 4, 3 (B) 1, 2, 4, 3
 (C) 2, 1, 3, 4 (D) 1, 2, 3, 4

20. Which one of the following statements regarding El-Nino is not true ?

- (A) It is an extension of the equatorial current towards the Western coast of South America
 (B) It is an occasional warm current leading to an increase of about 10°C in surface temperature
 (C) It develops as a temporary replacement of the usual cold Peruvian current
 (D) It causes an increase in planktons which thrive in the cold Peruvian current

21. Match List I against List II and mark the correct answer :

List I Rock Class

List II Rock

- | | |
|-----------------------|---------------|
| (a) Intrusive igneous | (1) Peat |
| (b) Extrusive igneous | (2) Quartzite |
| (c) Sedimentary | (3) Dolerite |
| (d) Metamorphic | (4) Basalt |

Codes :

- | | | | | |
|-----|---|---|---|---|
| | a | b | c | d |
| (A) | 3 | 4 | 1 | 2 |
| (B) | 4 | 3 | 2 | 1 |
| (C) | 2 | 4 | 3 | 1 |
| (D) | 3 | 1 | 4 | 2 |

22. Match List I against List II and mark the correct answer :

List I

List II

- | | |
|------------------|----------------------|
| a. Loess | 1. River deposited |
| b. Moraines | 2. Glacier deposited |
| c. Gravels | 3. Wind deposited |
| d. Sand and Clay | 4. Sea deposited |

Codes :

- | | | | | |
|-----|---|---|---|---|
| | a | b | c | d |
| (A) | 4 | 1 | 3 | 2 |
| (B) | 3 | 2 | 4 | 1 |
| (C) | 1 | 2 | 3 | 4 |
| (D) | 3 | 4 | 1 | 2 |

23. Match List I against List II and mark the correct answer :

List I

- a. Uniformitarianism
- b. Base-level
- c. Continental drift
- d. Sea-floor spreading

List II

- 1. Powell
- 2. Hutton
- 3. Hess
- 4. Wegener

Codes :

	a	b	c	d
(A)	1	2	4	3
(B)	2	1	4	3
(C)	4	3	2	1
(D)	2	1	3	4

24. The main determinant of population change is :

- (A) Fertility
- (B) Mortality
- (C) Migration
- (D) Both (B) and (C)

25. Most parts of Africa have low population density because :

- (A) The physical environment is not favourable
- (B) Indigenous people inhabit the continent
- (C) The people limit their families
- (D) Mortality rate is very high

26. Which one of the following is world's most extensive area of dense population ?

- (A) East Asia
- (B) Europe
- (C) North America
- (D) Africa North of Sahara

27. The major characteristic of the European Cluster is that it is dominated by :

- (A) Rural Population
- (B) Urban Population
- (C) Sedentary Population
- (D) None of them

28. Which one of the following countries of Africa comprises two cultural realms which led to the division of the country ?

- (A) South Africa
- (B) Sudan
- (C) Kenya
- (D) Ethiopia

29. One of the following countries with growth rate of population below 1% is :

- (A) China
- (B) USA
- (C) India
- (D) Canada

30. The cattle herders of East Africa are known as :

- (A) Masai
- (B) Fulani
- (C) Kaffir
- (D) Navajo

31. Bajada is the formation of :
(A) Deposition (B) Erosion
(C) Solution (D) Transportation
32. The lowest layer of the atmosphere is the :
(A) Troposphere (B) Stratosphere
(C) Mesosphere (D) None of them
33. Sea caves are the result of :
(A) Glacial erosion in the coastal areas (B) Wave deposition
(C) Wind erosion (D) None of the above
34. When does the longest day occur in the Northern Hemisphere ?
(A) 21st March (B) 21st June
(C) 22nd December (D) 31st December
35. Tidal hypothesis was formulated by :
(A) Kant (B) Laplace
(C) Newton (D) Jeans and Jeffrey
36. Which is the single constituent of air comprising of more than 70% of volume of dry air ?
(A) Oxygen (B) Nitrogen
(C) Carbon dioxide (D) Ozone
37. In which layer of the atmosphere do most of the weather phenomena occur ?
(A) Troposphere (B) Stratosphere
(C) Mesosphere (D) Ozonosphere
38. The critical temperature below which condensation starts, is known as :
(A) Dew point (B) Melting point
(C) Condensation point (D) Precipitation point
39. The hot dust-laden sand from Sahara desert to Mediterranean region is called :
(A) Chinook (B) Foehn
(C) Mistral (D) Sirocco
40. The daily and annual range of temperature is maximum in the :
(A) Savannah grassland (B) Temperate grassland
(C) Hot desert (D) Equatorial region
41. Which of the following types of climates has the characteristics of dry summer with great sunshine and rainy winters ?
(A) Equatorial (B) Mediterranean
(C) Tropical (D) Tundra

42. Which is the main activity of the Eskimos during the short period of Summer Season ?
(A) Fishing (B) Lumbering
(C) Hunting (D) Animal grazing
43. What does the letter 'C' in Koeppen's climate code mean ?
(A) Tropical climates (B) Warm temperate climates
(C) Snow climates (D) Dry Climates
44. Hurricanes or typhoons is an example of :
(A) Wave cyclones (B) Tropical cyclone
(C) Tornado (D) Air masses
45. Frontogenesis means :
(A) Occlusion of the fronts (B) Migration of the fronts
(C) Formation of the fronts (D) Dissipation of the fronts
46. Doldrums occur roughly between :
(A) 30° and 40° N and S latitudes (B) 35° and 60° N and S latitudes
(C) 5° and 30° N and S latitudes (D) 5° and 50° N and S latitudes
47. Jet Stream is :
(A) A cold current (B) A tributary of a river
(C) Upper air Westerlies (D) An ocean current
48. Pressure conditions can be shown on a map by :
(A) Isotherms (B) Isobars
(C) Isohyets (D) Isohalines
49. The Coriolis force at the equator is :
(A) Maximum (B) Medium
(C) Nil (D) Minimum
50. Podzol Soils possess well developed :
(A) Horizons (B) A and B Horizons
(C) A, B and C Horizons (D) B and C Horizons
51. The rate of population growth started picking up considerably during :
(A) 4th Century A.D. (B) 17th Century A.D.
(C) 20th Century A.D. (D) 18th Century A.D.

52. Which is the correct sequence of the following four continents in ascending order of their population ?

- (1) Australia (2) Europe
(3) Africa (4) South America

Select correct answer by using codes given below :

- (A) 1, 4, 3, 2
(B) 1, 3, 4, 2
(C) 1, 2, 3, 4
(D) 4, 1, 3, 2

53. Who dominated among the migrants to Australasia up to the beginning of the 20th century ?

- (A) Britons (B) Spaniards
(C) Germans (D) French

54. 'Corn Belt' of the world is :

- (A) India (B) Australia
(C) USA (D) China

55. Largest production of Merino wool comes from :

- (A) Australia (B) New Zealand
(C) Turkey (D) USA

56. Which country is the leading producer of iron and steel in Europe ?

- (A) U.K. (B) France
(C) Germany (D) Poland

57. The largest exporter of pig iron in the world is :

- (A) India (B) Japan
(C) China (D) Belgium

58. The concentric or zonal theory was propounded by :

- (A) Murphy (B) Vance
(C) Burges (D) Ullaiman

59. Dispersed settlements are found commonly in :

- (A) Tamil Nadu (B) Kerala
(C) Andhra Pradesh (D) Bihar

60. When adjoining towns grow and merge together, it is known as :

- (A) Metropolis (B) Agglomeration
(C) Conurbation (D) Counter Urbanization

61. The approach which suggests that social and cultural factors, rather than physical forces are most influential in the creation of house form is :
- (A) Possibilism (B) Cultural determinism
(C) Stop and go determinism (D) Anti-physical determinism
62. Settlements which grow along the road, river and canal are :
- (A) Square settlements (B) Rectangular Settlements
(C) Linear Settlements (D) None of them
63. The chief means of transport in Tundras is :
- (A) Camel (B) Sledge
(C) Mechanical boat (D) Horse
64. Which among the following is the basic factor for dividing the world into natural regions ?
- (A) Vegetation (B) Climate
(C) Soils (D) Topography
65. 'Elephant grass' is found in :
- (A) Savanna (B) Prairie
(C) Steppe (D) Pampas
66. The forests of the Bastar region of Chattisgarh are the home of :
- (A) Todas (B) Konkans
(C) Bushmen (D) None of them
67. Dairy farming is most developed in :
- (A) India (B) France
(C) Denmark (D) Switzerland
68. The indigenous people who live in the Kalahari desert are known as :
- (A) Pigmies (B) Bantus
(C) Bushmen (D) None of them
69. Where does the famous 'Ruhr' region lie ?
- (A) Europe (B) North America
(C) South America (D) Africa
70. What is the dominant type of climate in Malaysia ?
- (A) Desert (B) Mediterranean
(C) Equatorial monsoon (D) Tropical Monsoon
71. Which country is known as 'Land of Canals' ?
- (A) India (B) Pakistan
(C) Bhutan (D) Nepal

72. 'Sui' is famous for :
(A) Coal deposits (B) Iron ore deposits
(C) Mineral oil and natural gas (D) Dairy farming
73. The leading producer and exporter of natural rubber in the world is :
(A) Indonesia (B) India
(C) Thailand (D) Malaysia
74. The 'Chumbi Valley' is located in :
(A) Nepal (B) Bhutan
(C) India (D) Myanmar
75. The 'Mangla Dam' is built on the river :
(A) Jhelum (B) Chenab
(C) Indus (D) Sutlej
76. Which of the following States has the largest percentage of forest areas ?
(A) Karnataka (B) Assam
(C) Madhya Pradesh (D) Andaman and Nicobar
77. Agriculture together with forests and fisheries contribute about _____ of our total national income.
(A) 38% (B) 50%
(C) 60% (D) 70%
78. Tarin Basin of Sinkiang experiences strong heat wave causing discomfort during early spring. The wind is popularly known as :
(A) Karohuran (B) Katabatic
(C) Chinook (D) Foehn
79. What are the causes of adiabatic temperature changes in the atmosphere ?
(A) Convection and advection
(B) Latent heat of condensation
(C) Expansion on compression of the air
(D) Partial absorption of solar radiation by the atmosphere
80. Temperate cyclones are characterised by which of the following ?
(A) Fronts (B) Diverging winds
(C) Dry winds (D) Hot winds
81. Which one of the following pairs is NOT correctly matched ?
(A) Gulf of Aqaba – Jordan (B) Gulf of Aden – Yemen
(C) Cardigan Bay – U.K. (D) Linguria Sea – Greece

82. The most important reason for declining forest resources today is :
(A) Soil erosion (B) Forest fire
(C) Floods (D) Excess felling
83. Which one of the following is not a soil forming process ?
(A) Weathering (B) Translocation
(C) Gleying (D) Hydration
84. The Amazon Basin remains a backward region because of :
(A) Lack of natural resources (B) Inaccessibility
(C) Primitive tribal way of life (D) Climatic hazards
85. In the world viticulture, horticulture, semi-culture are well developed in the :
(A) Monsoon regions (B) Tropical highlands
(C) Mediterranean regions (D) Marine west coast area
86. Which one of the following pairs is correctly matched ?
(A) Taiga – Rosewood (B) Tropical deciduous – Maple
(C) Mediterranean – Olive (D) Selva – Mahogany
87. Bamboo and Pine trees are generally found in which one of the following types of climates ?
(A) Taiga (B) Tropical Monsoon
(C) Mediterranean (D) Savanna
88. Eutrophication of lakes is consequence of the accumulation of :
(A) Silt load (B) Sewage
(C) Nitrates and Phosphates (D) Vegetation
89. The South Western part of California is known for :
(A) Subsistence farming (B) Forestry
(C) Temperate grain farming (D) Mediterranean agriculture
90. Laterite soils are produced by :
(A) Hydration and Carbonation (B) Hydrolysis and oxidation
(C) Leaching and oxidation (D) Hydration and calcification
91. Which one of the following types of soils is produced by granite and gneiss on weathering ?
(A) Red (B) Black
(C) Yellow (D) Laterite
92. Which of the following is not a green house gas ?
(A) Carbon dioxide (B) Methane
(C) Nitrous oxide (D) Argon

93. Plants having thorny leaves and penetrating roots are classified as :
- (A) Xerophytes (B) Hygrophytes
(C) Mesophytes (D) Desert Plants
94. The biome with the shortest growing season is :
- (A) Savanna (B) Taiga
(C) Tundra (D) Chaparral
95. In which of the following countries, has maximum damage to the forests been caused by acid rain ?
- (A) Spain (B) The Netherlands
(C) Poland (D) Italy
96. The term 'Occidental' relates to the culture of :
- (A) South-East Asia (B) North-Western Europe
(C) Middle East (D) Africa
97. The highest growth rate of population is noted in :
- (A) India (B) Malaysia
(C) Bangladesh (D) Sri Lanka
98. Mesia belong to :
- (A) Gobi desert (B) Alacama desert
(C) Tropical Africa (D) Sahara desert
99. Which of the following characteristics symbolise the oriental cultural realm ?
- (1) Industrialization (2) Joint family bond
(3) Subsistence agriculture (3) Urbanization
- Select the correct answer using the codes given below :
- (A) 1, 2 and 4 (B) 2 and 3
(C) 1 and 3 (D) 2, 3, 4
100. Which one of the following is the aboriginal tribe of Malaysia ?
- (A) Ainu (B) Fula
(C) Sakai (D) Onge
101. Which one of the following pairs is correctly matched ?
- (A) Masai – Patagonia (B) Kirghiz – Kazakhstan
(C) Melanesians – Malaysia (D) Pygmies – Tanzania
102. The first scholar to formulate the laws of migration was :
- (A) L.A. Kosinski (B) R.M. Prathero
(C) E.G. Revenstein (D) W. Zelinski

103. Which one of the following ethnic groups does not belong to Mongoloids ?
(A) The Yakuts (B) The Samoyeds
(C) The Red Indians (D) The Bantus
104. Which one of the following explains the 'Late Expanding Phase' of 'Demographic Transition Theory' ?
(A) High birth rate and high death rate (B) High birth rate and declining death rate
(C) Declining birth and declining death rate (D) Low birth rate and low death rate
105. The largest industrial region of Russia is at :
(A) Irkutsk (B) Moscow–Gorki
(C) Torusk (D) Karaganda
106. The provinces of Hunan and Chang–Jiang of the Southern region in China is known as the :
(A) Region of Sorrow (B) Playground of China
(C) Industrial region (D) Rice -bowl
107. The loess uplands in China are largely devoid of forests due to :
(A) Agricultural expansion (B) Arid climate
(C) Excessive exploitation of forests (D) Over grazing
108. The rivers of Africa are as large as those in North and South America, but they do not attract much transport because :
(A) They pass through dense forests
(B) The people inhabiting the region are not commercial minded
(C) Their courses are broked by cataracts and waterfalls
(D) They traverse through resource poor areas
109. The major amount of wheat in Ukraine is produced in the area of :
(A) Acid Soil (B) Podzol Soil
(C) Black (Earth) Soil (D) Red Soil
110. The Japanese are fish and rice eaters as they :
(A) are Asians (B) are Buddhists
(C) cultivate rice and catch fish (D) import fish and rice
111. World's leading producer of tobacco is :
(A) China (B) USA
(C) India (D) Russia
112. The yield of cotton per hectare is highest in :
(A) Brazil (B) USA
(C) India (D) Egypt

113. Weber's model of industrial location has been usefully applied to interpret the changing location of the British :
- (A) Iron and steel industry (B) Cotton textile industry
(C) Ship-building industry (D) Heavy engineering industry
114. The greatest concentration of China's coal deposits is in :
- (A) Hopei (B) Shantung
(C) Shanshi and Shenshi (D) Szechwan
115. The extensive coffee plantations in Brazil are called :
- (A) Fazendas (B) Trasil
(C) Corrals (D) Estancias
116. The important iron ore mining region situated in Siberian Russia is :
- (A) Krivoy Rog (B) Kursk
(C) Magnitogorsk (D) Kuznetsk
117. Between which one of the following pairs of ports does Panama canal shorten the distance to the maximum ?
- (A) Liverpool and Shanghai (B) New York and Honolulu
(C) Liverpool and Sydney (D) New York and San Francisco
118. The shortest route from Los Angeles to Moscow is over the :
- (A) Atlantic Ocean (B) Pacific Ocean
(C) North Pole (D) South Pole
119. In which one of the following mountain ranges of South Africa, are the world's greatest goldfields located ?
- (A) Roggeveldberg (B) Grout Swartberg
(C) Witwatersand (D) Drakensberg
120. The Canadian Pacific Railways runs between :
- (A) Edmonton and Halifax (B) Montreal and Vancouver
(C) Ottawa and Prince Rupert (D) Halifax and Vancouver

ROUGH WORK

