

Sikkim Public Service Commission

Written (Main) Examination for the post of
Sub-Jailer

Time Allowed: 3 hours

PAPER - II
GEOGRAPHY

Maximum Marks: 250

INSTRUCTIONS TO CANDIDATES

Read the instructions carefully before answering the questions: -

1. This Test Booklet consists of 12 (twelve) pages and has 63 (sixty-three) printed questions.
2. IMMEDIATELY AFTER THE COMMENCEMENT OF THE EXAMINATION, YOU SHOULD CHECK THAT THIS BOOKLET DOES NOT HAVE ANY UNPRINTED, TORN OR MISSING PAGES OR ITEMS. IF SO, GET IT REPLACED BY A COMPLETE TEST BOOKLET.
3. Use only Black Ball Point Pen to fill the OMR Sheet.
4. Please note that it is the candidate's responsibility to fill in the Roll Number carefully without any omission or discrepancy at the appropriate places in the OMR ANSWER SHEET as well as on SEPARATE ANSWER BOOKLET for Conventional Type Questions. Any omission/discrepancy will render the Answer Sheet liable for rejection.
5. Do not write anything else on the OMR Answer Sheet except the required information. Before you proceed to mark in the OMR Answer Sheet, please ensure that you have filled in the required particulars as per given instructions.
6. This Test Booklet is divided into 3 (three) parts - Part-I, Part-II and Part-III.
7. All three parts are Compulsory.
8. Part-I consists of Multiple-Choice Questions. The answers for these questions have to be marked in the OMR Answer Sheet provided to you.
9. Parts II and III consist of Conventional Type Questions. The answers for these questions have to be written in the Separate Answer Booklet provided to you.
10. After you have completed filling in all your responses on the OMR Answer Sheet and the Answer Booklet(s) and the examination has concluded, you should hand over the OMR Answer Sheet and the Answer Booklet(s) to the Invigilator only. You are permitted to take the Test Booklet with you.
11. **Marking Scheme**
THERE WILL BE NEGATIVE MARKING FOR WRONG ANSWERS MARKED BY A CANDIDATE IN THE OBJECTIVE TYPE QUESTIONS
 - (i) There are four alternatives for the answer to every question. For each question for which a wrong answer has been given by the candidate, one-third of the marks assigned to the question will be deducted as penalty.
 - (ii) 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 and there will be same penalty as above to the question.
 - (iii) If a question is left blank. i.e., no answer is given by the candidate, there will be no penalty for that question.

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

PART - I
(Multiple Choice Questions)

Choose the correct answer for Questions 1 to 50 from the given options. Each question carries 3 marks.
[50 x 3 = 150]

1. San Andreas Fault forms the tectonic boundary between -
 - (a) The North Pacific plate and the North American plate
 - (b) The South Pacific plate and the South American plate
 - (c) The Eurasian plate and the Pacific plate
 - (d) The Eurasian plate and the African plate

2. The volcanic pipe or volcanic neck filled with breccia is called _____.
 - (a) Tephra
 - (b) Lahar
 - (c) Diatreme
 - (d) Lapilli

3. Which of the following is the correct sequence of earth's discontinuity, starting from core to crust?
 - (a) Moho Discontinuity, Conard Discontinuity, Lehmann Discontinuity, Gutenberg Discontinuity.
 - (b) Lehmann Discontinuity, Gutenberg Discontinuity, Moho Discontinuity, Conard Discontinuity.
 - (c) Gutenberg Discontinuity, Lehmann Discontinuity, Conard Discontinuity, Moho Discontinuity.
 - (d) Lehmann Discontinuity, Moho Discontinuity, Conard Discontinuity, Gutenberg Discontinuity.

4. Who among the following has divided the world seismic centres on the basis of the depths of their foci into 3 types?
 - (a) Guttenberg
 - (b) Richter
 - (c) John Mitchell
 - (d) H. F. Reid

5. Coriolis effect is produced by
 - (a) Pressure distribution
 - (b) Pressure gradient
 - (c) Revolution of the earth
 - (d) Rotation of the earth

6. Which of the following local winds is correctly matched with their respective regions?

Sl. No.	Winds	Regions
I.	Black Roller	Great Plains of USA
II.	Shamal	New Zealand
III.	Norwester	Mesopotamia
IV.	Brickfielder	Victoria Province of Australia

Codes:

- (a) Only II
 - (b) Both I and IV
 - (c) I, II and IV
 - (d) Only IV
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7. Which of the following symbol is used for tropical steppe climate, with mean annual temperature above 18°C in Koppen's Classification?
 - (a) BWh
 - (b) BSh
 - (c) BWk
 - (d) BSk

8. Which of the following is correctly matched with their respective regions?

Sl. No.	Cyclones	Regions
I.	Willy Willy	Japan
II.	Baguio	Philippines
III.	Taifu	China
IV.	Typhoon	Africa

Codes:

- (a) Only II
 (b) Both I and IV
 (c) I, II and IV
 (d) Only IV
9. Which of the following current is also known as Humboldt Current?
 (a) California current
 (b) Labrador current
 (c) Peru current
 (d) Kuroshio current
10. Salinity of the open ocean is maximum in the:
 (a) 10° - 20° latitudes
 (b) 0° - 10° latitudes
 (c) 20° - 40° latitudes
 (d) 60° - 80° latitudes
11. Who among the following propounded the Standstill Theory of Coral Reef?
 (a) Darwin
 (b) Dana
 (c) Gilbert
 (d) Murray
12. Java Trench is found in which ocean?
 (a) Indian Ocean
 (b) Atlantic Ocean
 (c) Pacific Ocean
 (d) Arctic Ocean
13. Our Common Future Report came in which year -
 (a) 1971
 (b) 1987
 (c) 1992
 (d) 1972

14. In which year was the Environmental Protection Act passed?
 (a) 1981
 (b) 1986
 (c) 1980
 (d) 1996
15. The term 'Aerial Differentiation' was coined and used by Hartshorne in his book _____?
 (a) A Dictionary of Geography
 (b) The Geography of Earth
 (c) The Nature of Geography
 (d) A Prologue to Population Geography
16. The concept of positive checks on population was introduced by -
 (a) Malthus
 (b) Sadler
 (c) Karl Marx
 (d) Ravenstein
17. Which one of the following principles denotes K-3 of Christaller's Model of central places?
 (a) Market
 (b) Administrative
 (c) Transport
 (d) Economic
18. Which ring/zone of the Concentric Zone Model shows "Commuter's Zone"?
 (a) Zone 1
 (b) Zone 4
 (c) Zone 3
 (d) Zone 5
19. Von Thunen's model of agricultural location was given in which year?
 (a) 1933
 (b) 1826
 (c) 1939
 (d) 1926

20. The book "Geography of Peace" was written by?
 (a) Mahan
 (b) Spykman
 (c) Mackinder
 (d) Karl Haushofer
21. In which year was the concept of Growth Pole developed by Francis Perroux?
 (a) 1955
 (b) 1966
 (c) 1950
 (d) 1960
22. Nathula is situated on the border of which two countries?
 (a) India and Bhutan
 (b) India and Nepal
 (c) India and China
 (d) India and Myanmar
23. Which of the following river originates from the Amarkantak plateau?
 (a) The Mahanadi
 (b) The Narmada
 (c) The Tapi
 (d) The Mahi
24. Ken-Betwa interlinking project is a tripartite Memorandum of Understanding (MoU) signed among:
 (a) Central Government, Madhya Pradesh and Gujarat
 (b) Madhya Pradesh, Uttar Pradesh and Gujarat
 (c) Rajasthan, Madhya Pradesh and Uttar Pradesh
 (d) Central Government, Madhya Pradesh and Uttar Pradesh
25. Raja Bhoj International Airport is in which city?
 (a) Nagpur
 (b) Varanasi
 (c) Bhopal
 (d) Udaipur
26. The Post-Independence agrarian movement called Bharatiya Kisan Sangh (BKU) is associated with which of the following states?
 (a) Gujarat
 (b) Tamil Nadu
 (c) Nasik
 (d) Haryana
27. In India, Liberalization, Privatization and Globalization were initiated in which year?
 (a) 1990
 (b) 1992
 (c) 1993
 (d) 1991
28. Which two countries are separated by McMahon line?
 (a) China and Bangladesh
 (b) India and China
 (c) India and Pakistan
 (d) Bangladesh and India
29. The Government of India has included 427 communities in the Scheduled Tribes, given in which Schedule of the Constitution of India:
 (a) Fifth
 (b) Ninth
 (c) Eighth
 (d) Sixth
30. In which year was Command Area Development Programme restructured and termed as "Command Area Development and Water Management (CADWM) Programme"?
 (a) 2004
 (b) 2005
 (c) 2006
 (d) 2007

31. In which year was Training of Rural Youth for Self-Employment (TRYSEM) Programme started under the Integrated Rural Development Programme?
 (a) 1989
 (b) 1992
 (c) 1979
 (d) 1980
32. India Sri-Lanka boundary is separated by which strait?
 (a) Malacca Strait
 (b) Sunda Strait
 (c) Mesina Strait
 (d) Palk Strait
33. In which year was the South Asian Association for Regional Cooperation (SAARC) established?
 (a) 1999
 (b) 1985
 (c) 1920
 (d) 1987
34. Who among the following was the first to attempt a functional classification of Indian cities?
 (a) Amrit Lal
 (b) Qazi Ahmad
 (c) Ashok Mitra
 (d) Anant Padmanabhan
35. Who coined the term Conurbation?
 (a) Embryos Jones
 (b) Richthofen
 (c) Patrick Geddes
 (d) Gottman
36. Swachh Bharat Mission was launched in 2014 throughout the country with an aim to achieve the vision of a "Clean and Open Defecation-Free India" by which of the following year?
 (a) 2018
 (b) 2019
 (c) 2020
 (d) 2016
37. Who among the following introduced the Ranking Coefficient Method in Agriculture Productivity?
 (a) Kendall
 (b) Doi
 (c) Rafiullah
 (d) Weaver
38. In which year, Weaver first used the statistical technique for the demarcation of crop combination in the regions of Middle West (USA)?
 (a) 1954
 (b) 1956
 (c) 1953
 (d) 1957
39. National Remote Sensing Agency (NRSA) has divided the country in to how many agro-climatic regions?
 (a) 13
 (b) 15
 (c) 18
 (d) 16
40. Which of the following is the Headquarter of South-East Central railway zone?
 (a) Nagpur
 (b) Raipur
 (c) Hajipur
 (d) Bilaspur
41. In which year was the new Aviation Policy launched by the Government of India?
 (a) 2013
 (b) 2014
 (c) 2016
 (d) 2017
42. Who was the founding father of the Indian space programme?
 (a) Shri. S. Somanath
 (b) Vikram Sarabhai
 (c) Kiran Kumar
 (d) Kailasavadivoo Sivan

43. Which of the following term is used for the production of raw silk?
(a) Apiculture
(b) Sericulture
(c) Aviculture
(d) Pisciculture
44. Special Economic Zone Act was passed in which year?
(a) 2002
(b) 2000
(c) 2005
(d) 2007
45. The Bokaro Iron and Steel plant was established with the help of which country?
(a) France
(b) Russia
(c) Japan
(d) USA
46. Rashtriya Gokul Mission was launched in which year?
(a) 2015
(b) 2012
(c) 2013
(d) 2014
47. Which river is known as "Sorrow of Bihar"?
(a) Gomti
(b) Kosi
(c) Gandak
(d) Teesta
48. Which of the following state of India has the highest sex ratio according to 2011 census?
(a) Himachal Pradesh
(b) Andhra Pradesh
(c) Kerala
(d) Tamil Nadu
49. What was the duration of the Fourth Five Year Plan?
(a) 1969-1974
(b) 1956- 1961
(c) 1992-1997
(d) 1974- 1979
50. In which year was the Thermal Concept of Monsoon given by Halley?
(a) 1968
(b) 1686
(c) 1786
(d) 1886

PART - II
(Conventional Type Questions)

Answer any 2 (two) from Questions 51 to 55. Each question carries 25 marks.

[2 x 25 = 50]

51. Describe the ocean surface currents of the Indian Ocean and explain how they are different from those of the Atlantic Ocean.
52. Critically examine the concept of geomorphic cycle and discuss the views of W. M. Davis and W. Penck.
53. Critically examine the salient features of Central Place Theory propounded by Christaller and Losch.
54. Examine the role of raw materials in the location of iron and steel industry in India. Illustrate your answer with suitable example.
55. What do you understand by Environmental Impact Assessment (EIA)? What are the associated challenges and significance of EIA in India?

PART - III
(Conventional Type Questions)

Answer any 5 (five) from Questions 56 to 63. Each question carries 10 marks.

[5 x 10 = 50]

56. Describe the origin and characteristics of temperate cyclone.
57. Classify soils based on their zonal distribution and describe the characteristics of pedocals.
58. Explain the concept of micro carbon sink and its relevance.
59. Critically examine the changing perspective on the concept of aerial differentiation.
60. Explain the basic postulates of Malthusian Population Theory.
61. Distinguish between Himalayan and Peninsular drainage system.
62. Analyse the dual impacts of Green Revolution in India.
63. Analyse the role of India in the geopolitics of the Indian Ocean region.

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