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UPPCS Lower Subordinate Exam Paper- 2008 :
Geography

विषय : भूगोल**Sub : GEOGRAPHY****पूर्णांक : 200****Max. Marks : 200****समय : 2 घण्टे****Time : 2 Hours**

अपना अनुक्रमांक बॉक्स में लिखें (अंकों में / शब्दों में) ।

Write your Roll Number in the box (in numbers / in words)

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प्रश्नों के उत्तर के लिये केवल काले बाल प्वाइंट पेन का इस्तेमाल करें ।

To mark Answer use Black ball point pen only.

जब तक न कहा जाय इस प्रश्न-पुस्तिका को न खोलें ।

Till told, do not open the booklet.

अभ्यर्थी उत्तर पत्रक पर उत्तर देने से पहले सभी अनुदेशों को सावधानीपूर्वक पढ़ लें ।



Candidate must read all the instructions before writing the answers.

आपको अपने सभी उत्तर केवल उत्तर-पत्रक पर ही देने हैं । परीक्षा उपरान्त उत्तर-पत्रक इनविजिलेटर को लौटा दें ।

You are to mark your answer on Answer Sheet only. After the examination is over, handover the Answer Sheet to the Invigilator.

महत्त्वपूर्ण अनुदेश	IMPORTANT INSTRUCTIONS
<ol style="list-style-type: none"> सभी प्रश्नों के उत्तर दीजिये । सभी प्रश्नों के अंक समान हैं । उत्तर-पत्रक पर अभ्यर्थी अपना अनुक्रमांक, विषय, प्रश्न-पत्र का सही कोड एवं सीरीज अंकित करें अन्यथा उत्तर-पत्रक का मूल्यांकन नहीं किया जायेगा और उसकी जिम्मेदारी स्वयं अभ्यर्थी की होगी । इस प्रश्न-पुस्तिका में 100 प्रश्न हैं । प्रत्येक प्रश्न के चार वैकल्पिक उत्तर दिये गये हैं । अभ्यर्थी सही उत्तर निर्दिष्ट करते हुए उनमें से केवल एक गोले अथवा बबल को उत्तर-पत्रक पर काले बाल प्वाइंट पेन से पूरा गहरा कर दें । एक से अधिक उत्तर देने की दशा में प्रश्न के उत्तर को गलत माना जायेगा एवं उसे जाँचा नहीं जायेगा । प्रश्न-पुस्तिका के कवर पेज पर अथवा अन्दर कहीं भी कुछ न लिखें । यदि आप रफ कार्य करना चाहते हैं तो आप इनविजिलेटर से वर्किंग शीट माँग लें व इस पर वांछित सूचनायें भर लें । प्रश्न-पुस्तिका खोलने के तुरन्त बाद जाँच करके देख लें कि प्रश्न-पुस्तिका के सभी पेज भली भाँति छपे हुए हैं । यदि प्रश्न-पुस्तिका में कोई कमी हो तो इनविजिलेटर को दिखाकर उसी सीरीज व कोड की दूसरी पुस्तिका प्राप्त कर लें । 	<ol style="list-style-type: none"> Answer all questions. All questions carry equal marks. The candidate should indicate the correct Roll Number, Subject, Paper Code and its Series on the Answer-Sheet, otherwise the Answer-Sheet will not be evaluated and the candidate will be solely responsible for it. This booklet contains 100 questions. Each question has 4 alternative answers. The candidate has to darken only one circle or bubble indicating the correct answer on the answer sheet using black ball point pen. If more than one answers are marked, it would be treated as wrong answer and it will not be examined. Nothing is to be written on the cover page or any other page of this booklet. If you need a working sheet to do your rough work, please ask the invigilator for it and mention required information on it. If you happen to find that the booklet issued to you does not have all the pages properly printed or it has any other deficiency, then you need to approach the invigilator to get another booklet of same series and code.

GEOGRAPHY

1. Which of the following map projections is used for depicting planetary winds ?
 - (a) Mercator
 - (b) Mollweide
 - (c) Polyconic
 - (d) Cylindrical equal area
2. The scale of a map of 1 : 40,000 has been changed to 1 : 20,000. The new map would have how many times increase in its size ?
 - (a) 2
 - (b) 3
 - (c) 4
 - (d) 8
3. Closeness of the contours with increasing altitude results in
 - (a) Concave slope
 - (b) Convex slope
 - (c) Gentle slope
 - (d) Undulating slope
4. Which one of the following pairs is not correctly matched ?
 - (a) Dew 
 - (b) Hail ∇
 - (c) Haze ∞
 - (d) Rainbow 
5. The extent of 63 K/12 topographical sheet is
 - (a) 7.5' lat. \times 7.5' long.
 - (b) 15' lat. \times 15' long.
 - (c) 30' lat. \times 30' long.
 - (d) 1° lat. \times 1° long
6. The ratio between meridian and equator on globe is
 - (a) 1 : 2
 - (b) 1 : 1
 - (c) 1 : 4
 - (d) 2 : 1
7. The distances between the parallels decrease as we move away from the equator on the
 - (a) cylindrical equi-distant projection.
 - (b) cylindrical equal-area projection.
 - (c) Mercator's projection.
 - (d) Gall's projection.
8. Which one of the following pairs is not correctly matched ?
 - (a) Davis strait – Baffin Sea and Atlantic Ocean
 - (b) Dover strait – Arctic Sea and North Atlantic Ocean
 - (c) Palk strait – Mannar Gulf and Bay of Bengal
 - (d) Sunda strait – Java sea and Indian Ocean
9. St. Lawrence river valley region is famous for
 - (a) Dairy farming
 - (b) Floriculture
 - (c) Horticulture
 - (d) Lumbering

10. Match List - I with List - II and select the correct answer from the codes given below :

List - I (Mineral)	List - II (Area of production)
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A. Coal	1. High Veld
B. Gold	2. Karaganda Basin
C. Iron ore	3. Krivoi Rog
D. Petroleum	4. San Joaquin Valley

Codes :

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

11. Which one of the following pairs is not correctly matched ?

(a) Kiel	-	France
(b) Kokura	-	Japan
(c) New Port	-	U.K.
(d) Wilmington	-	U.S.A.

12. The most negative region for the distribution of world population is

(a) cold region
(b) forested region
(c) hot and dry region
(d) hot and wet region

13. The percentage of forest cover is the highest in

(a) Africa
(b) Asia
(c) North America
(d) South America

14. The largest importer of petrolcum in the world is

(a) China	(b) India
(c) Japan	(d) U.S.A.

15. The first commercial wave farm was set up in

(a) Denmark	(b) Netherlands
(c) Portugal	(d) Spain

16. The 'Wheat Crescent' lies in

(a) Australia	(b) Argentina
(c) Canada	(d) U.S.A.

17. The largest exporter of steel in the world is

(a) China	(b) Japan
(c) Russia	(d) Ukraine

18. The leading producer of gold in the world is

(a) Australia	(b) China
(c) South Africa	(d) U.S.A.

19. The leading producer of natural rubber in the world is

(a) India	(b) Indonesia
(c) Malaysia	(d) Thailand

20. Which one of the following deserts is famous for its nitrate deposits ?

(a) Atacama	(b) Gobi
(c) Kalahari	(d) Sahara

21. The plateau of South Africa is an example of

(a) Coastal plateau
(b) Continental plateau
(c) Intermontane plateau
(d) Piedmont plateau

22. In which of the following crops the international trade is low in comparison to total produce ?

- (a) Coffee (b) Rice
(c) Rubber (d) Wheat

23. In the U.S.A. the cotton textile industry shifted from North Eastern States to the South because of

- (a) High labour cost
(b) Low demand
(c) Hilly terrain
(d) Lack of coal

24. Arrange the following countries in descending order of their population density (2011) and select the correct answer from the codes given below :

- I. Bangladesh
II. China
III. Mauritius
IV. Pakistan

Codes :

- (a) II, IV, I, III (b) I, II, III, IV
(c) I, IV, III, II (d) IV, I, III, II

25. Which of the following is the highest mountain peak of the U.S.A. ?

- (a) Albert (b) Kilauea
(c) Mauna Lao (d) Mekinly

26. Which one of the following pairs is not correctly matched ?

- (a) Iron and steel industry – Yawata
(b) Woollen textile industry – Bradford
(c) Cotton textile industry – Warcestor
(d) Fertilizer industry – Vijayawada

27. **Assertion (A)** : Japan is known for its fisheries in the world.

Reason (R) : The continental shelf is wide all around Japan.

Select the correct answer from the codes given below :

Codes :

- (a) Both (A) and (R) are true and (R) is the correct explanation of (A).
(b) Both (A) and (R) are true, but (R) is not the correct explanation of (A).
(c) (A) is true, but (R) is false.
(d) (A) is false, but (R) is true.

28. Which of the following is not found in the periglacial areas ?

- (a) Taliks (b) Tufa
(c) Palsa (d) Pingo

29. The largest exporter of rice in the world is

- (a) Bangladesh (b) China
(c) Cambodia (d) Thailand

30. Match List – I with List – II and select the correct answer from the codes given below :

List – I
(Mineral)

List – II
(Occurrence)

- | | |
|---------------|---------------|
| A. Coal | 1. Bisbee |
| B. Copper ore | 2. Baku |
| C. Iron ore | 3. Mesabi |
| D. Petroleum | 4. Westphalia |

Codes :

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

31. Which one of the following areas of the U.S.A. is called 'cattle country' ?
 (a) The Central Basin
 (b) The Great Plains
 (c) The Mountains
 (d) The South-East
32. Which of the following is not a densely populated area of the world ?
 (a) Amazon basin
 (b) Mississippi plains
 (c) Monsoon Asia
 (d) North Western Europe
33. Which one of the following hydro-electric project does not belong to Tamil Nadu ?
 (a) Aliyar
 (b) Idukki
 (c) Kundah
 (d) Periyar
34. The leading producer of woollen textiles in India is
 (a) Gujarat
 (b) Maharashtra
 (c) Punjab
 (d) Uttar Pradesh
35. In which one of the following States of India Hindus are in minority ?
 (a) Himachal Pradesh
 (b) Goa
 (c) Manipur
 (d) Mizoram
36. The first atomic power plant in India was established at
 (a) Kakrapar
 (b) Kalpakkam
 (c) Narora
 (d) Tarapur
37. Match List – I with List – II and select the correct answer from the codes given below :
- | List – I
(Hill Resorts) | List – II
(State) |
|----------------------------|----------------------|
| A. Dalhousie | 1. Jammu & Kashmir |
| B. Darjeeling | 2. Himachal Pradesh |
| C. Mussoorie | 3. West Bengal |
| D. Pahalgam | 4. Uttarakhand |
- Codes :**
- | | A | B | C | D |
|-----|---|---|---|---|
| (a) | 2 | 4 | 3 | 1 |
| (b) | 1 | 3 | 2 | 4 |
| (c) | 2 | 3 | 4 | 1 |
| (d) | 3 | 1 | 4 | 2 |
38. The leading iron ore producing State of India is
 (a) Chattisgarh
 (b) Jharkhand
 (c) Karnataka
 (d) Orissa
39. The time lag between the sun rise on the eastern most and the western most horizons of India is of about
 (a) 1 hour
 (b) 2 hours
 (c) 3 hours
 (d) 4 hours

40. **Assertion (A) :** There has been some decline in the growth-rate of India's population in recent years.

Reason (R) : According to 2011 Census about three-fourth of India's population is now literate.

Select the correct answer from the codes given below :

Codes :

- (a) Both (A) and (R) are true and (R) is the correct explanation of (A).
 - (b) Both (A) and (R) are true, but (R) is not the correct explanation of (A).
 - (c) (A) is true, but (R) is false.
 - (d) (A) is false, but (R) is true.
41. Which one of the following pairs is correctly matched ?
- (a) Ganga – Banas
 - (b) Godavari – Bhima
 - (c) Krishna – Indravati
 - (d) Mahanadi – Tel
42. Which one of the following rivers falls into the Gulf of Cambay ?
- (a) Periyar (b) Sharavati
 - (c) Tapi (d) Tungbhadra
43. Which one of the following is the habitat of the Toda tribe ?
- (a) Garo Hills
 - (b) Jaunsar Hills
 - (c) Khasi Hills
 - (d) Nilgiri Hills

44. Which one of the following rock systems is the oldest in India ?

- (a) Cuddapah (b) Dharwar
- (c) Gondwana (d) Vindhyan

45. Which one of the following pairs is not correctly matched ?

- (a) Kaiga – Karnataka
- (b) Kakrapar – Gujarat
- (c) Kundankulam – Kerala
- (d) Narora – Uttar Pradesh

46. Which one of the following statements is not true about black soils in India ?

- (a) They are developed on the basaltic rocks.
- (b) They are widespread in Maharashtra.
- (c) They are rich in organic matter but poor in iron.
- (d) They are self ploughing soils.

47. Which one of the following areas of India receives the highest average annual rainfall ?

- (a) Andaman and Nicobar Islands
- (b) Arunachal Pradesh
- (c) Lakshadweep
- (d) Meghalaya

48. The Western Disturbances in India have their origin from

- (a) Arabian Sea
- (b) Bay of Bengal
- (c) Mediterranean Sea
- (d) Red Sea

49. The famous sea water salt producer Meethapur lies in

- (a) Andhra Pradesh
- (b) Gujarat
- (c) Maharashtra
- (d) Orissa

50. Which one of the following is the correct sequence of the following peaks of the Himalayas from West to East ? Select the correct answer from the codes given below :

1. Dhaulagiri
2. Kamet
3. Kanchenjunga
4. Nandadevi

Codes :

- (a) 2, 1, 4, 3 (b) 2, 4, 1, 3
 (c) 1, 4, 3, 2 (d) 4, 3, 1, 2

51. Which one of the following statements is true ?

- (a) Andhra Pradesh is the largest producer of mica in India.
- (b) Orissa is the largest producer of bauxite in India.
- (c) Jharkhand is the largest producer of iron ore in India.
- (d) Maharashtra has the largest reserve of manganese in India.

52. Which one of the following pairs is not correctly matched ?

- (a) Birmitrapur – Manganese ore
- (b) Khetri – Copper ore
- (c) Koderma – Mica
- (d) Kudremukh – Iron ore

53. As per 2011 Census, the most urbanized State of India is

- (a) Goa
- (b) Kerala
- (c) Mizoram
- (d) Tamil Nadu

54. The Kashmir Valley is an example of

- (a) the Glaciated valley
- (b) the Riverine valley
- (c) the Tectonic valley
- (d) None of these

55. Which one of the following mountain passes leads to Leh ?

- (a) Banihal
- (b) Chumbi valley
- (c) Shipki
- (d) Zozila

56. **Assertion (A) :** Assam is the largest producer of tea in India.

Reason (R) : Cheap tribal labour is available in abundance in Assam.

Select the correct answer from the codes given below :

Codes :

- (a) Both (A) and (R) are true and (R) is the correct explanation of (A).
- (b) Both (A) and (R) are true, but (R) is not the correct explanation of (A).
- (c) (A) is true, but (R) is false.
- (d) (A) is false, but (R) is true.

57. At which one of the following places maximum temperature may be recorded during the month of May ?

- (a) Mumbai
- (b) Nagpur
- (c) Surat
- (d) Thiruvananthapuram

58. Which one of the following is the result of the inversion of relief ?
- (a) Anticlinal ridges
 - (b) Synclinal ridges
 - (c) Double cuesta
 - (d) Synclinal valleys
59. Which one of the following river channel patterns has the highest sinuosity index ?
- (a) Braided channel
 - (b) Meandering channel
 - (c) Sinuous channel
 - (d) Straight channel
60. Which one of the following plate boundaries is responsible for orogenesis ?
- (a) Accreting plate boundary
 - (b) Consuming plate boundary
 - (c) Shear plate boundary
 - (d) None of these
61. Which one of the following is an insequent stream ?
- (a) Antecedent stream
 - (b) Consequent stream
 - (c) Resequent stream
 - (d) Subsequent stream
62. Which one of the following is not the result of river capture ?
- (a) Beheaded river
 - (b) Misfit valley
 - (c) Strike valley
 - (d) Wind gap
63. Which one of the following characteristics of the earth is not explained by the tetrahedral hypothesis ?
- (a) Antipodal arrangement of the continents and the oceans.
 - (b) Drifting of the continents.
 - (c) Location of the chain of folded mountains around the Pacific Ocean.
 - (d) Triangular shape of the continents and the oceans.
64. According to Thornthwaite's classification TE Index between 64 and 127 stands for
- (a) Arid climate
 - (b) Mesothermal climate
 - (c) Microthermal climate
 - (d) Tropical climate
65. Which one of the following is not a correct statement about coriolis force ?
- (a) It affects wind direction.
 - (b) It is an effect of the rotational movement of the earth.
 - (c) It becomes minimum at the poles and maximum at the equator.
 - (d) The magnitude of coriolis effect is determined by the wind speed, mass of the moving body and sine of latitude.

66. Which one of the following names is given to the part of the Mid Atlantic Ridge between the Brazilian Basin and the Argentine Basin ?
- (a) Bromley Plateau
 - (b) Scotia Ridge
 - (c) Telegraph Plateau
 - (d) Walvis Ridge
67. Which one of the following is called marine oases ?
- (a) Coral reefs
 - (b) Nekton biocommunities
 - (c) Patchy areas of benthic biocommunities
 - (d) Patchy areas of meroplanktons
68. Who has stated, "Similar locations lead to similar mode of life" ?
- (a) Carl Ritter
 - (b) Friedrich Ratzel
 - (c) Elseworth Huntington
 - (d) Vidal de la Blache
69. Who of the following has applied 'principle of least force' in his geomorphic laws ?
- (a) G.K. Gilbert
 - (b) M. Morisawa
 - (c) J.T. Hack
 - (d) L.C. King
70. The concept of 'Subsistence Urbanization' is attributed to
- (a) A.E. Smailes
 - (b) Gerald Breeze
 - (c) H. Carter
 - (d) Lewis Mumford
71. "Physical Geography is an extension of Human Geography." The above statement is attributed to
- (a) Cammille Vallaux
 - (b) G.F. Carter
 - (c) Jean Brunhes
 - (d) Peter Daniels
72. Of the following, who has postulated the 'Concept of Pediplanation' ?
- (a) C.H. Crickmay
 - (b) L.C. King
 - (c) S.A. Schumm
 - (d) D.W. Johnson
73. Which one of the following pairs is correctly matched ?
- (a) Environmentalism – C. Ritter
 - (b) Neo-Determinism – O.H.K. Spate
 - (c) Probabilism – G. Taylor
 - (d) Possibilism – E.C. Semple
74. The author of 'Analytical Human Geography' is
- (a) A.V. Perpillou
 - (b) G.F. Carter
 - (c) Peter Ambrose
 - (d) P.W. Brayan
75. The Welfare Approach to Human Geography was advocated by
- (a) Anne Buttimer
 - (b) D.M. Smith
 - (c) Gunnar Olsson
 - (d) Peter Gould

76. Which one of the following does not help in the **determination** of stages of cycle of erosion ?
- Hypsometric integral
 - Altimetric frequency curves
 - Bifurcation ratio
 - Superimposed profiles
77. The females outnumber the males in
- China
 - India
 - Italy
 - U.S.A.
78. Which of the following processes causes red and orange colours during sunrise and sunset respectively ?
- Counter radiation
 - Diffuse reflection
 - Rayleigh scattering
 - Absorption
79. The concept of 'Critical isodapane' was postulated by
- Alfred Weber
 - Allen Pred
 - August Losch
 - Tor Palander
80. The author of 'The Dynamics of Industrial Location' is
- Alfred Weber
 - H.R. Jones
 - J. Cannel
 - R. Hayer
81. Which one of the following coalfields does not lie in Russia ?
- Donetz Basin
 - Kuznetsk Basin
 - Karaganda Basin
 - Ural Region
82. The most highly developed inland waterways are found in
- Asia
 - Europe
 - North America
 - South America
83. The largest producer of tungsten in the world is
- Australia
 - China
 - Russia
 - U.S.A.
84. **Assertion (A) :** Phosphate fertilisers are needed for the growth of plants.
- Reason (R) :** Phosphorus occurs in soils in very low quantities.
- Select the correct answer from the codes given below :
- Codes :**
- Both (A) and (R) are true and (R) is the correct explanation of (A).
 - Both (A) and (R) are true, but (R) is not the correct explanation of (A).
 - (A) is true, but (R) is false.
 - (A) is false, but (R) is true.

85. **Assertion (A) :** The WTO aims to promote free trade.

Reason (R) : It does not manage the global economy impartially.

Select the correct answer from the codes given below :

Codes :

- (a) Both (A) and (R) are true and (R) is the correct explanation of (A).
- (b) Both (A) and (R) are true, but (R) is not the correct explanation of (A).
- (c) (A) is true, but (R) is false.
- (d) (A) is false, but (R) is true.
86. "A Theme Park is a landscape of power." The above statement is attributed to
- (a) Edward Wolf
- (b) L.S. Yapa
- (c) M. Zook
- (d) S. Zukin

87. The main features of the commercial dairy farming are :

1. It is capital intensive.
2. It is labour intensive.
3. It is highly productive.
4. It is highly commercial.

Select the correct answer from the codes given below :

Codes :

- (a) 1 and 3 only
- (b) 2 and 3 only
- (c) 1, 3 and 4 only
- (d) All

88. Match List - I with List - II and select the correct answer from the codes given below :

List - I (Oil Refineries)	List - II (Country)
A. Abadan	1. Saudi Arabia
B. Haifa	2. Iran
C. Kirkuk	3. Israel
D. Ras Tanaura	4. Iraq

Codes :

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

89. Who of the following developed the concept of 'ecological niche' first ?

- (a) Charles Darwin
- (b) C.F. Clements
- (c) E.P. Odum
- (d) J. Grinell

90. Which one of the following scales is used to determine the severity and damage magnitude of tornadoes ?

- (a) Fujita Scale
- (b) Mercalli scale
- (c) Saffir-Simpson scale
- (d) Richter scale

91. Which one of the following is the correct sequence of phases of successional development of vegetation ?

- (a) Nudation, ecocesis, stabilization, migration, reaction.
- (b) Ecocesis, migration, nudation, reaction, stabilization.
- (c) Nudation, migration, ecocesis, reaction, stabilization.
- (d) Nudation, migration, reaction, ecocesis, stabilization.

92. Which one of the following is not helpful in **maintaining** ecological stability ?
 (a) Ecosystem complexity
 (b) Ecosystem diversity
 (c) Ecosystem uniformity
 (d) Homeostatic mechanism
93. The main source of **carbon** monoxide in atmosphere is
 (a) Automobiles
 (b) Oil refineries
 (c) Refrigerators
 (d) Thermal power plants
94. Which one of the following natural disasters is least affected by the activities of man ?
 (a) Drought
 (b) Flood
 (c) Landslide
 (d) Volcanic eruption
95. Acid rain is mainly caused by
 (a) Carbon dioxide and sulphur oxide
 (b) Carbon monoxide and carbon dioxide
 (c) Methane and nitrogen oxide
 (d) Nitrogen oxide and sulphur oxide
96. Which one of the following is a correct statement ?
 (a) Energy flow in the biospheric ecosystem is unidirectional.
 (b) The relative loss of energy in the biospheric ecosystem due to respiration decreases with increasing trophic levels.
 (c) The circulation of matter in the biospheric ecosystem is unidirectional.
 (d) Darwin's concept of origin of species is based on the principle of abrupt speciation.
97. Which one of the following is not a hypothesis of ozone depletion ?
 (a) Sulphate hypothesis
 (b) Chlorine hypothesis
 (c) Carbon dioxide hypothesis
 (d) Polar stratospheric cloud hypothesis
98. Which one of the following pairs is not correctly matched ?
 (a) **Kyoto Protocol** – Carbon Trading
 (b) **Environmental impact assessment** – Leopold Matrix
 (c) **The year without summer** – 1816 A.D.
 (d) **Milankovich Theory** – Origin of Species
99. The length of equator is equal to $2\pi R \cos 45^\circ$ on
 (a) Cylindrical equal area projection
 (b) Gall's stereographic projection
 (c) Sinusoidal projection
 (d) Mollweide projection
100. Which one of the following statements is true about conical projection with two standard parallels ?
 (a) It is an equal area projection.
 (b) Pole is shown as a point on this projection.
 (c) Scale is reduced in the area lying between two standard parallels.
 (d) It can be used for world map.