



Primrose Schools

Affiliated to the CISCE Board for ICSE & ISC
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NATIONAL PRIMTALENT OLYMPIAD EXAMINATIONS GEOGRAPHY

CLASS
8

Name :

Section :

Roll no :

Guidelines for the Candidates

1	Please check your Name, Class and Section on the OMR sheet provided to you.
2	In case, OMR sheet with your name is missing, please fill in information about yourself in the blank sheet provided before start of exam.
3	All questions are compulsory. There is no negative marking. Use of calculator is not permitted.
4	There is only ONE correct answer. Choose only ONE option for an answer.
5	To mark your choice of answers by darkening the circles in OMR sheet, use <u>HB Pencil or Blue/Black ball point pen</u> only.
6	Rough work should be done in the blank space provided in the booklet.
7	Return the OMR sheet to the invigilator at the end of the exam
8	Please fill in your personal details in space on the top of this page before attempting the paper

SECTION A - LOGICAL REASONING

1. Mr and Mrs De Silva have moved into Tamil Nadu from Sri Lanka. They have their identification documents necessary to be displayed to the Indian government. They would be termed as

A. Legal immigrants

B. Illegal immigrants

C. Refugees

C. Bangladeshi Indians

2. Chengalpet is not yet overpopulated. Amenities like hospitals and colleges have begun to come up in the city. Chengalpet is close to Chennai. It is referred to as

A. a smart city

B. a satellite city

C. a metropolitan city

D. a cosmopolitan city

3. Lubhna is a fifth grader who lives with her grandparents who have crossed 70 years of age. She and her grandparents belong to which category in the Census

A. Productive population

B. Dependent population

C. Retired population

D. Working population

4. Sex Ratio is defined as

A. the number of males per 1000 females

B. the number of girls per 1000 people

C. the number of females per 1000 males

D. the number of boys per 1000 people

5. Shifting cultivation relates to which of these causes leading to natural disasters

A. cause based on socio-economic backwardness

B. anthropogenic cause

C. sudden onset disasters

D. slow onset disasters

6. The difference of longitude between place A and the Prime Meridian is 120 degrees towards the west. Therefore, the time difference between place A and the Prime Meridian is

A. 3 hours

B. 6 hours

C. 10 hours

D. 8 hours

7. When the North Pole is inclined towards the Sun

A. There are longer days and shorter nights in the Northern Hemisphere

B. There are shorter days and longer nights in the Northern Hemisphere

C. There are shorter days and longer nights in the Southern Hemisphere

D. There are shorter days and longer nights in the Northern Hemisphere

8. During a Solstice Day

A. The midday sun shines vertically over the Tropic of Capricorn and the Arctic Circle

B. The midday sun shines vertically over the Tropic of Capricorn and the Antarctic Circle

C. The midday sun shines vertically over the Tropic of Capricorn and the Tropic of Cancer

D. The midday sun shines vertically over the Arctic Circle and the Antarctic Circle

9. The Indian Standard Time is ahead of the Greenwich Mean Time by

A. 3 hours

C. 5 hours and 30 minutes

B. 5 hours

D. 4 hours and 30 minutes

10. The Sun and the other celestial bodies appear to move in the sky from east to west due to

A. Revolution of the Earth

B. Rotation of the Earth

B. Coriolis Effect

C. Gravitational pull

SECTION B - NATIONAL GEOGRAPHY

11. The river that is called as Dakshin Ganga is

- A. Kaveri
- B. Krishna
- C. Narmada
- D. Godavari

12. The largest state in India is

- A. Tamil Nadu
- B. Rajasthan
- C. Maharashtra
- D. Karnataka

13. The latitudinal extent of India is

- A. 8 degree 4'N to 37 degree 6'N
- B. 9 degree 4'N to 37 degree 6'N
- C. 10 degree 4'N to 38 degree 6'N
- D. 10 degree 3'N to 38 degree 6' N

14. The meridian chosen to derive the Indian Standard Time is

- A. 80 degree 30'W
- B. 82 degree 30'W
- C. 80 degree 30'E
- D. 82 degree 30'E

15. Chambal and Betwa are tributaries of

- A. Ganga
- B. Indus
- C. Yamuna
- D. Tungabhadra

16. The states through which the Central Meridian passes are

- A. Andhra Pradesh, Chattisgarh, Uttar Pradesh, Madhya Pradesh and Bihar
- B. Andhra Pradesh, Chattisgarh, Uttar Pradesh, Madhya Pradesh and Odisha
- C. Andhra Pradesh, Chattisgarh, Jharkand, Madhya Pradesh and Odisha
- D. Andhra Pradesh, Chattisgarh, Jharkand, Uttar Pradesh and Odisha

17. The capital of Madhya Pradesh is

- A. Gandhinagar
- B. Raipur
- C. Lucknow
- D. Bhopal

18. The Eastern Ghats meet the Western Ghats in
- A. Nilgiri hills
 - B. Cardamom hills
 - C. Anamudi hill
 - D. Sahyadri hills

19. Chillika, the largest brackish water lake in India is in
- A. Andhra Pradesh
 - B. West Bengal
 - C. Odisha
 - D. Karnataka

20. The last point of Indian territory is
- A. Indira Point
 - B. Kanyakumari
 - C. Cape Comorin
 - D. Gulf of Mannar

SECTION C -WORLD GEOGRAPHY

21. North America and South America are connected by
- A. Suez Canal
 - B. Panama Canal
 - C. The Guano Islands
 - D. Mississippi River

22. Frigorificos in South America are
- A. Related to lumbering
 - B. Related to fisheries
 - C. Related to slaughter houses
 - D. Related to cattle rearing

23. Fazendas are found in
- A. Cuba
 - B. Brazil
 - C. Argentina
 - D. Venezuela

24. Vinson Massif is
- A. The person who discovered Antarctica
 - B. The US base in Antarctica
 - C. The first science station in Antarctica
 - D. The highest mountain in Antarctica

25. Temperate grasslands in South America are called as
- A. Prairies
 - B. Pampas
 - C. Steppes
 - D. Downs

26. The world's largest lake is

- A. Lake Titicaca in South America
- B. Lake Michigan

- C. Lake Superior
- D. Lake Huron

27. The Western Cordilleras are physical divisions in the continent of

- A. Asia
- B. Australia

- C. North America
- D. South America

28. Indicate which of these maps has been marked correctly.

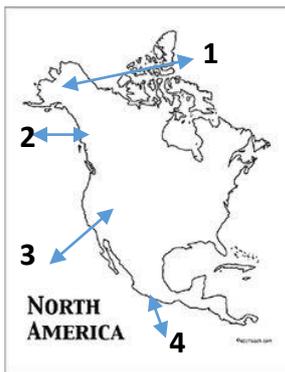
A. 1=Alaska, 2=Canada, 3=United States, 4=Mexico

B. 1=Canada, 2=Mexico, 3=United States, 4=Alaska

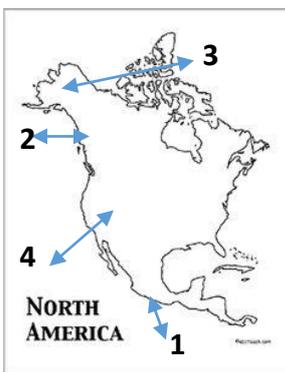
C. 1=Alaska, 2=United States, 3=Mexico, 4=Canada

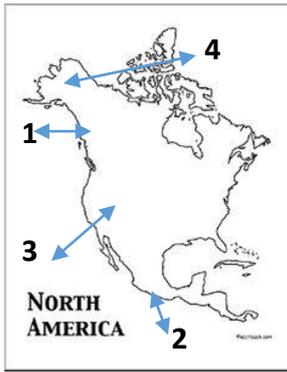
D. 1= Mexico, 2 = United States, 3 = Alaska, 4= Canada

A.

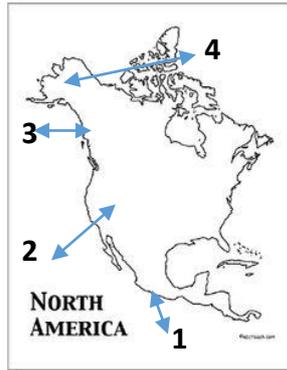


B.





C.



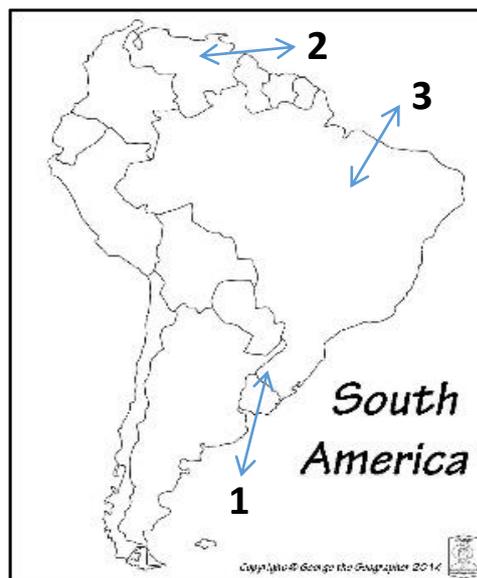
D.

29. The Atacama desert lies in the continent of

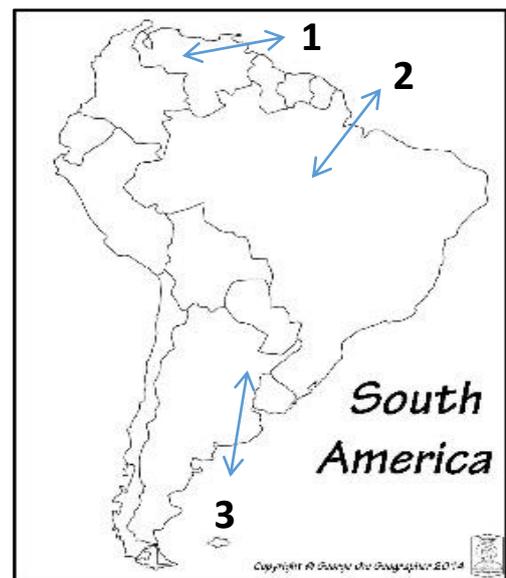
- A. North America
- B. South America

- C. Asia
- D. Australia

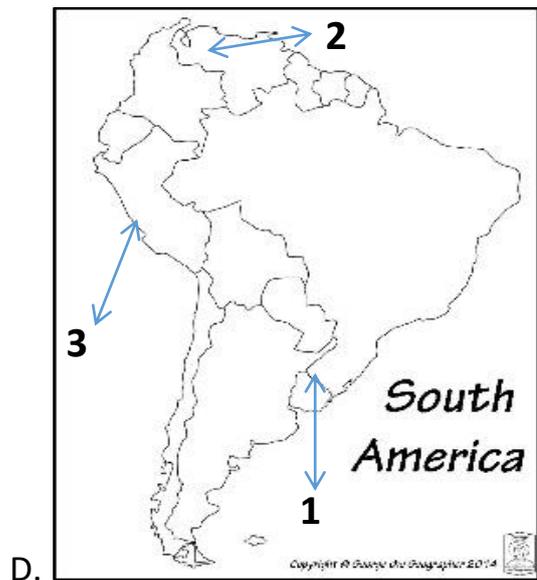
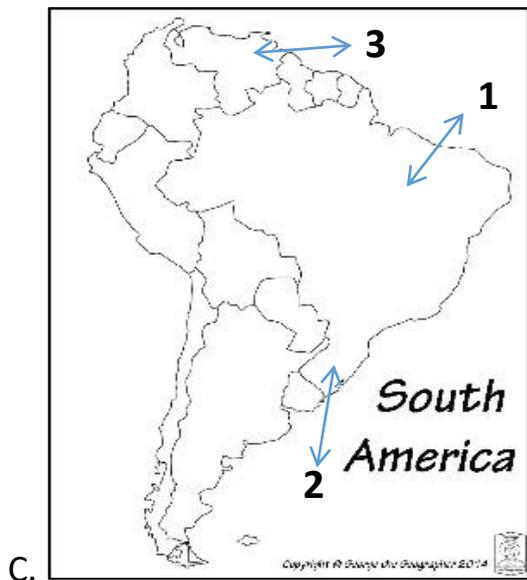
30. Identify the map with the locations marked correctly.



A.



B.



SECTION C - GEOGRAPHY AS AN APPLIED SCIENCE

31. Due to the Earth's rotation from west to east
- Places to east of 0 degree longitude have sunset earlier than those to the west.
 - Places to east of 0 degree longitude have sunrise earlier than those to the west.
 - Places to the west of 0 degree longitude have sunrise earlier than those to the east.
 - Places to the west of 0 degree longitude have sunset earlier than those to the east.
32. At Amritsar 60 degree East, the time is 6 pm [18 hours]. What will be the time at New York, 74 degree west.
- | | |
|-------------|-------------|
| A. 10:05 am | C. 09:00 am |
| B. 09:05 pm | D. 09:04 am |

33. The local of a place is 3:00 pm while Greenwich Time is 6 pm. The longitude of the place would be

- A. 40 degree E
- B. 45 degree W
- C. 40 degree W
- D. 45 degree E

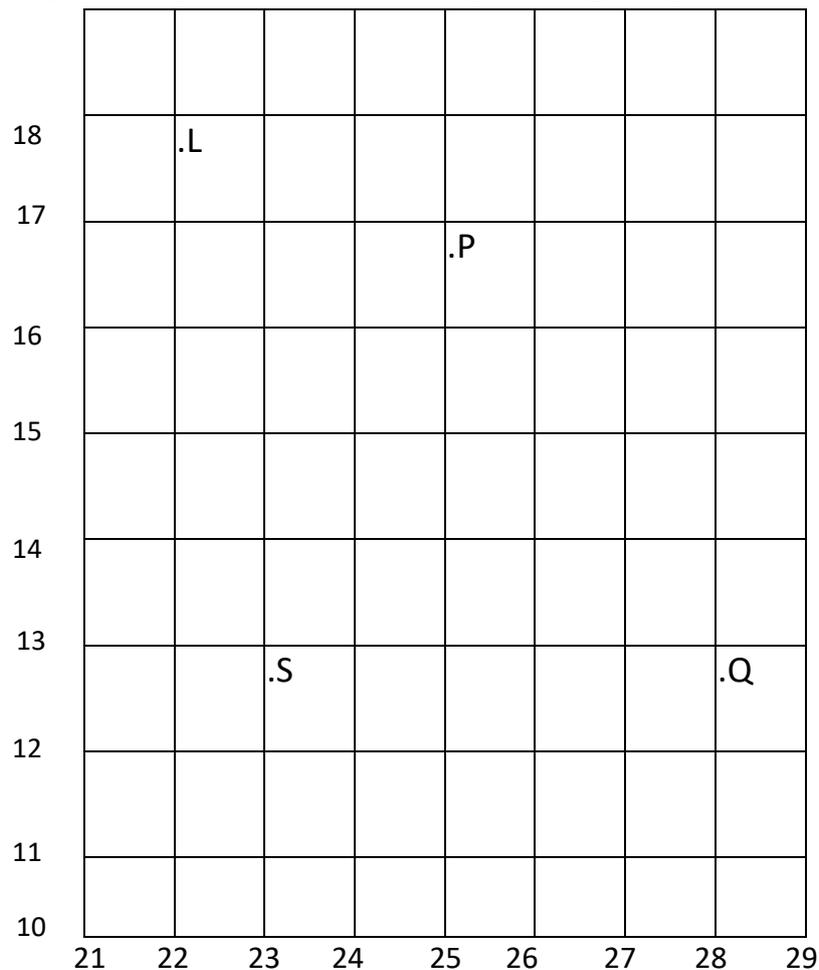
34. The country with the maximum number of time zones is

- A. Canada
- B. America
- C. Australia
- D. Russia

35. The Earth rotates through 1 degree of longitude in

- A. 5 minutes.
- B. 10 minutes
- C. 4 minutes
- D. 1 minute

36. Refer to the grid and point out the wrong four-figure grid reference.



A. Point S = 2312

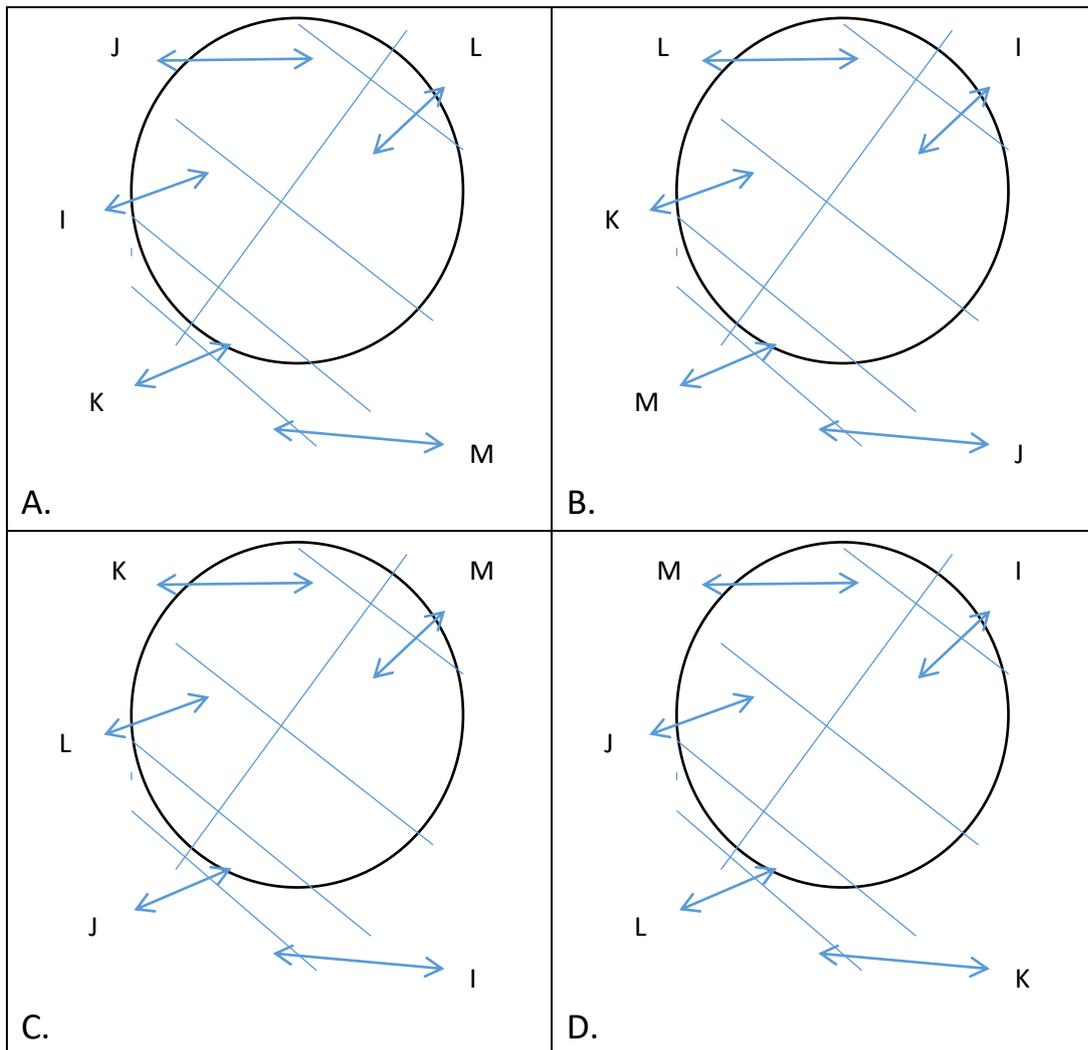
B. Point L = 2211

C. Point Q = 2511

D. Point P = 2515

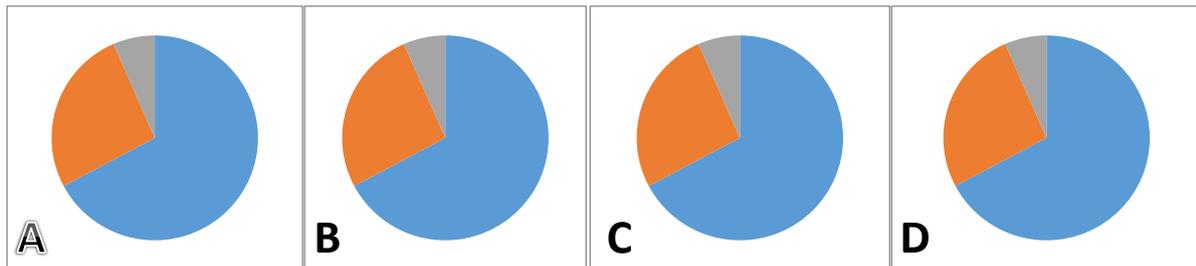
37. Identify the diagram that is correct, I,J,K,L and M correctly marked.

I= Equator, J=Tropic of Cancer, K= Tropic of Capricorn, L= Arctic Circle and M=Antarctic Circle



38. In a calendar year what would be the sequence of the solstices and equinoxes from January to December?
- summer solstice, winter solstice, vernal equinox, autumn equinox.
 - winter solstice, summer solstice, vernal equinox, autumn equinox
 - vernal equinox, summer solstice, autumnal equinox, winter solstice.
 - vernal equinox, summer solstice, winter solstice, autumnal equinox

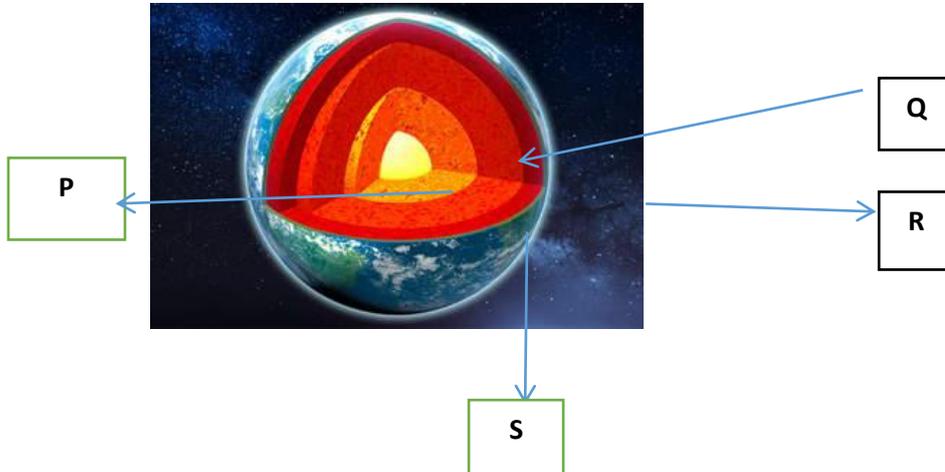
39. Identify the correct percentage of the atmospheric gases in the given pie charts-



- Orange –Oxygen, blue-Nitrogen, grey –other gases
 - Orange –Nitrogen, blue-Oxygen, grey –other gases
 - Orange –Other gases, blue-Nitrogen, grey – Oxygen
 - Orange –Oxygen, blue-other gases, grey –Nitrogen
40. Indicate the right sequence from top to bottom with regard to the options given below
- bedrock, rock fragments, sub soil, top soil, humus.
 - sub soil, top soil, bedrock, rock fragments, humus.
 - humus, top soil, sub soil, rock fragments, bed rock.
 - humus, top soil, sub soil, bed rock, rock fragments.

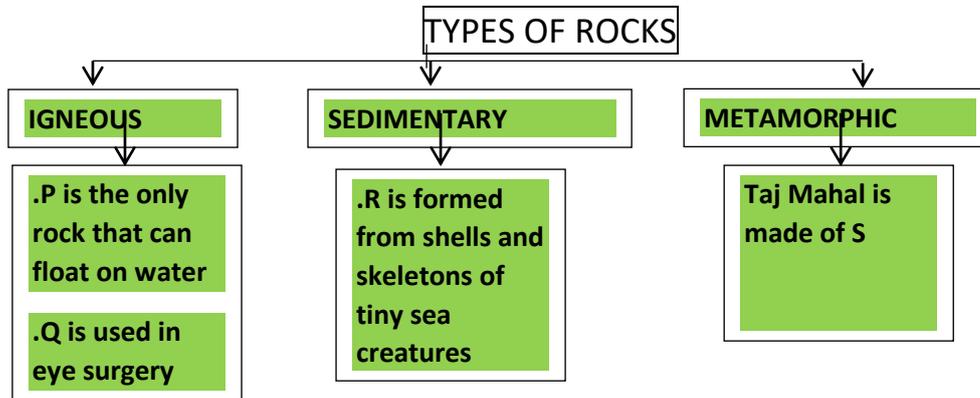
SECTION D – ACHIEVERS' SECTION

41. Refer to the given figure and select the incorrect statement regarding the realms of the earth.



- A. Continents and oceans are present in R
- B. P contains iron and nickel in molten state.
- C. Q is the thickest layer of the earth.
- D. S is composed of silicate rocks rich in iron and magnesium.

42. Refer to the given flow chart.



Identify P,Q,R and S and select the incorrect statement regarding them.

- A. P is often used as body scrubber and Q is formed by quick cooling of lava.
- B. Chalk is an example of R whereas gneiss is an example of S.
- C. P is porous and light weight rock.
- D. Calcium or calcium carbonate is the main mineral present in R.

43. If E is Exosphere, TH is Thermosphere, S is Stratosphere, M is Mesosphere, I is Ionosphere and T is Troposphere, find out the correct sequence from the following, when starting from the surface of the earth.

- A. T,E,S,M,TH,I
 B. T,S,M,I, TH,E
 C. T, TH, I, M, S, E
 D. TH, T, M, S, E,I

44. Which of the following statements is incorrect?

- A. Areas with high temperature will have low pressure.
 B. Areas with low temperature will have high pressure.
 C. Areas with high temperature will have high pressure.
 D. Areas with low pressure will have low temperature.

45. Study the given climatic data and select the correct answer from the given options-

month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
temp in degree C	24.5	25.7	27.7	20.4	30.0	32.5	31.0	30.2	29.8	28.0	25.9	24.7

The annual range of temperature experienced by the station is

- A. 20 degree C
 B. 12.1 degree C
 C. 12.5 degree C
 D. 20.1 degree C

46. Study the given climatic data and select the correct answer from the given options-

month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
rain in cm	4.6	1.8	1.3	1.8	3.8	4.5	8.7	11.3	11.9	30.6	35.0	13.9

The annual rainfall in the station is

- A. Above 150 cm
 B. Below 130 cm
 C. 150 cm
 D. Between 120 and 130 cm

47. If the Crude Birth Rate is expressed as the number of live births in a year per thousand of population, study the data given below and find out the country with the highest birth rate in the continent of Africa.

country	birth rate
1. Hong Kong	18.1
2. Monaco	24.5
3. Somalia	43.3
4. San Marino	20.1
5. Niger	49.2
6. Angola	44.9

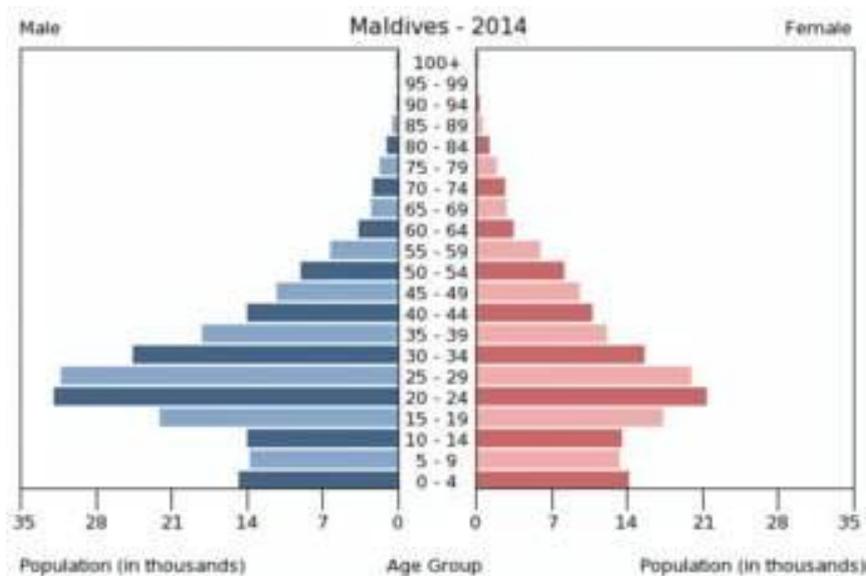
A. Monaco

B. Niger

C. San Marino

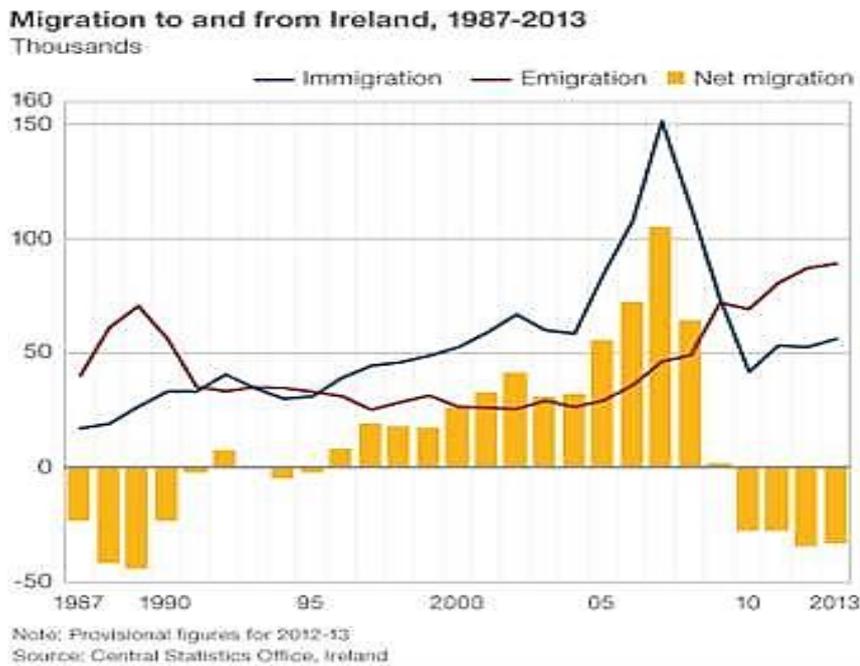
D. Angola

48. Study the given population pyramids and find the correct statement from the options-



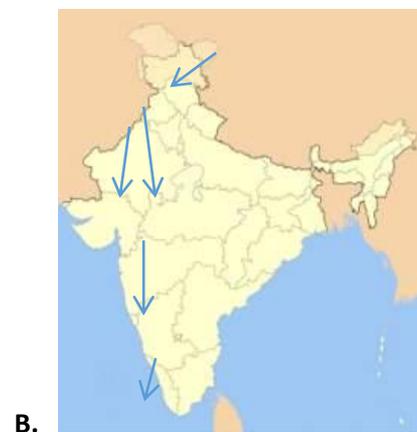
- A. The productive population of Maldives is the same in males and females.
- B. The productive population in Maldives is greater among males.
- C. The dependent population in Maldives is greater among males.
- D. The dependent population in Maldives is greater among females.

49. Study the given graph and choose the correct statement.



- A. There was more emigration in Ireland between 2000 and 2013 compared to immigration.
- B. There was more immigration in Ireland between 2000 and 2013 compared to emigration.
- C. Less number of Irish people migrated to other countries between 1990 to 2000.
- D. More number of Irish people migrated to other countries between 1990 to 2000.

50. Refer to the given maps and point out the wrong image of the map showing the route of monsoon winds from among the options.





C.



D.