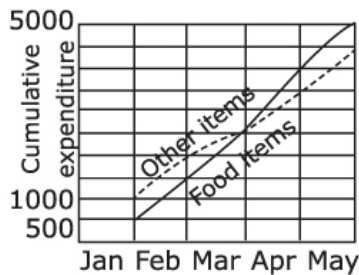


General Studies (Prelims) Paper- 1988

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February 19, 2014

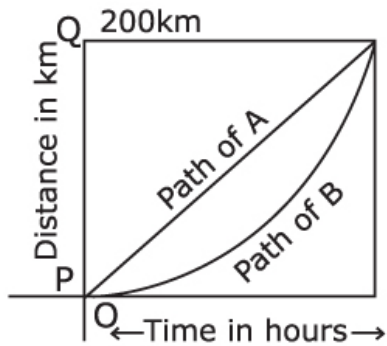
Q1. The cumulative expenditure on food and other items for a family during January- May in a year is plotted in the following graph :



From the graph one can conclude that the maximum total expenditure for both the items occurred in the month of

- (a) February
- (b) March
- (c) April
- (d) May

Q2. The following graph illustrates the paths of two motorists A and B in driving from P to Q. From this graph we can conclude that

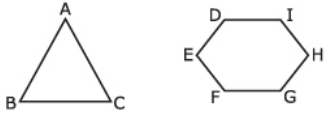


- (a) Average speed of A is greater than that of B.
- (b) Average speed of B is greater than that of A.
- (c) Average speed of A is same as that of B.
- (d) Speed of A is always greater than that of B.

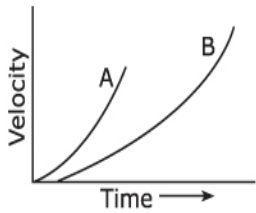
Q3. If n is an integer between 20 and 80, then any of the following could be $n + 7$ except

- (a) 47
- (b) 58
- (c) 84
- (d) 88

Q4. In the following figures the area of the triangle ABC is 1 sq unit. Then the area of the hexagon DEFGHI is

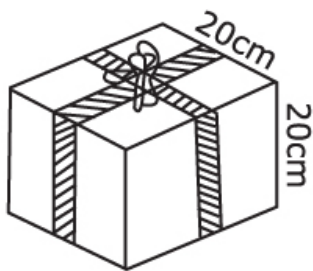


Q5. Below is the time-velocity graph of two vehicles A and B starting at the same time from the rest. Which one of the following statements can be deduced from this graph ?



- (a) Acceleration of A is higher than that of B.
- (b) Acceleration of B is higher than that of A.
- (c) Acceleration of A is increasing at a slower rate than that of B.
- (d) Velocity of B is higher than that of A.

Q6. The following diagram shows a box tied with a ribbon. Taking an extra 10 cm of ribbon for tying the knot, the minimum length of the ribbon required to tie the following box would be



- (a) 200 cm
- (b) 190 cm

(c) 180 cm

(d) 160 cm

Q7. A grocer bought 10 kg of apples for Rs. 81 out of which one kg was found rotten. If he wishes to make a profit of 10%, at what rate per kg. he should sell it ?

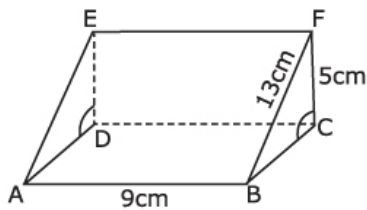
(a) Rs. 9.00

(b) Rs. 9.90

(c) Rs. 10.10

(d) Rs. 10.20

Q8. In the following figure, ABCD is a rectangle in a horizontal plane. E and F are vertically above D and C respectively.



$\sqrt{200}$

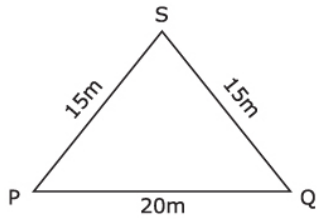
$\sqrt{250}$

$\sqrt{300}$

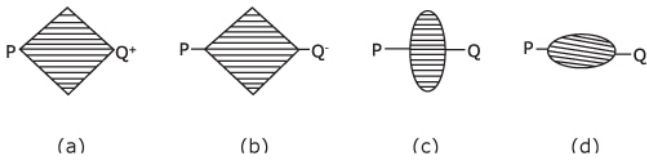
$\sqrt{350}$

Q9. A sheep S is tied by two ropes each 15 long to two points P and

Q 20 metres apart.



Which one of the following illustrates the region over which the sheep can move ?

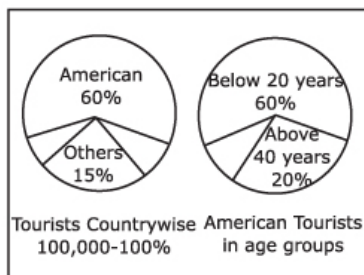


Q10. A wheel that has 6 cogs is meshed with a larger wheel of 14 cogs. When the smaller wheel has made 21 revolutions, the number of revolutions made by the larger wheel will be

(a) 12

(b) 49

Q11. The characteristics of foreign tourists in one year is given in the following chart:



From this chart, the number of American tourists in the age group of 20-40 who visited during the year is

- (a) 12,000
- (b) 20,000
- (c) 40,000
- (d) 60,000

Q12. The following table shows the marks obtained by two students in different subjects:

	<i>Student A</i>	<i>Maximum marks</i>	<i>Student B</i>	<i>Maximum marks</i>
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English

Psychology

History

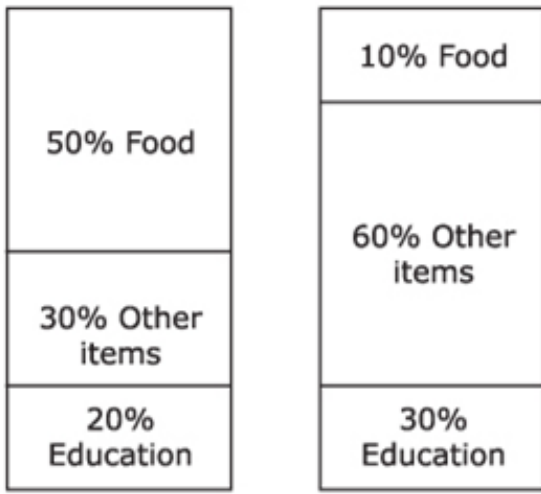
Sanskrit

The difference in the mean aggregate , percentage marks of the students is

- (a) 2.5%
- (b) 13.75%
- (c) 1.25%
- (d) Zero

Q13. The expenditure on the various items by two families A and B are represented in the bar charts given below:

From these charts we can



Family A

Family B

Total Expenditure
Rs. 20,000 p.a.

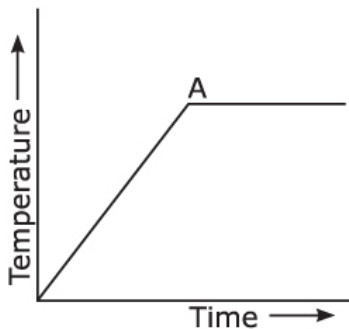
Total Expenditure
Rs. 1,00,000 p.a.

conclude that,

- (a) Family A spent more money on Food than Family B.
- (b) Family B spent more money on Food than Family A.
- (c) Family A and Family B spent same amount of money on Food.
- (d) The expenditures on Food by Family A and Family B cannot

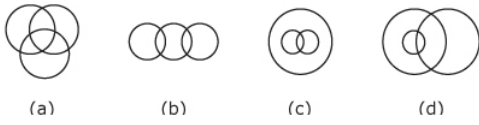
be compared.

Q14. Below is a time-temperature curve of a liquid which is being heated on a gas burner. Which of the following statements can be deduced from this curve ?

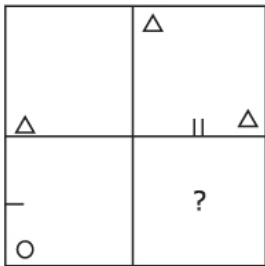


- (a) The liquid starts boiling at A.
- (b) The heating stops at A as the gas runs out.
- (c) The liquid boils off completely at A.
- (d) The curve does not indicate any specific situation.

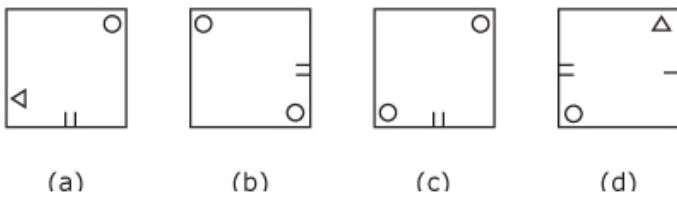
Q15. Choose the best among the following from Venn diagrams representing interrelationship among the given objects: Anti-social elements, Pickpockets and Blackmailers:



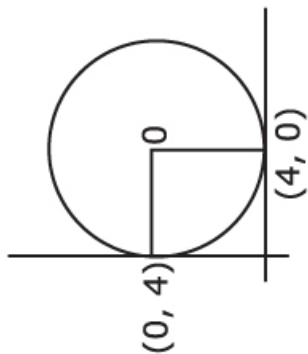
Q16. Consider:



Which of the following figures replaces the Q mark ?



Q17 The perimeter of the circle shown in the following figure is



$4\sqrt{2}\pi$

$8\sqrt{2}\pi$

(c) 8p

(d)16p

Q18. The graph of $2x + 3y = 12$ intersects Y-axis at the point

(a) (0, 4)

(b) (0, 6)

(c) (4, 0)

(d)(6, 0)

Q19. EFGH: DEFG :: OPQR : ?

(a) PQRS

(b) NOPQ

(c) MNOP

(d)QRST

Q20. Match the columns :

List I

List II

Forms

Quantities

A. Cusec 1. Pressure

B. Byte 2. Intensity of earthquakes

C. Richter 3. Rate of flow

D. Bar 4. Computer memory

(a) 4 1 2 3

(b) 2 4 3 1

(c) 3 4 2 1

(d) 3 2 1 4

Q21. Match the columns :

List I

List II

Names of instruments The quantities they measure

A. Anemometer

1. Speed of rotation

B. Ammeter

2. High temperatures

C. Tachometer

3. Wind speed

D. Pyrometer

4. Electric current

5. Pressure difference

(a) 4 3 1 5

(b) 3 4 1 2

(c) 3 5 2 1

(d) 1 4 5 2

Q22. Match the columns :

List I

List II

A. Bauxite

1. Lead

B. Haematite

2. Thorium

- C. Galene 3. Aluminium
D. Monazite 4. Computer memory

(a) 3 4 1 2

(b) 4 2 1 3

(c) 3 1 4 2

(d) 2 4 3 1

Q23. Out of the following industries in India, the maximum number of workers are employed in

(a) Jute

(b) Sugar

(c) Textiles

(d) Iron and Steel

Q24. The rate of exchange of Indian rupee is linked with

(a) Dollar

(b) Sterling/Pound

(c) A basket of foreign currencies

(d) Yen

Q25. The Indian Air Force has MIG planes. The most advanced

version of MIG at present is called

(a) MIG 25

(b) MIG 27

(c) MIG 29

(d) MIG 31

Q26. Which one of the following bodies finalises the Five-Year Plans proposals ?

(a) Planning Commission

(b) Union Cabinet

(c) National Development Council

(d) Ministry of Planning

Q27. Neutron was discovered by

(a) Otto Hahn

(b) Enrico Fermi

(c) Lise Meitner

(d) James Chadwick

Q28. Match the columns :

List 1

- A. Land of Rising Sun
- B. Land of Midnight Sun
- C. Land of Thousand
- D. Land of Thunderbolt

List 2

- 1. Korea
- 2. Finland
- 3. Japan Lakes
- 4. Norway
- 5. Bhutan

(a) 2 4 1 5

(b) 3 4 2 5

(c) 1 3 2 4

(d) 3 1 4 2

Q29. Which of the following is/are correctly matched ?

Persons

- 1. Keshab Chandra Sen
- 2. Mahadev Govind Ranade
- 3. Swami Vivekanand

Events

- Prarthana Samaj
- Brahmo Samaj
- Ramakrishna Mission

(a) 1, 2 and 3

(b) 1 and 3 only

(c) 1 only

(d) 3 only

Q30. By sex ratio, we mean

- (a) The number of females in the population per 1000 male population.
- (b) The number of males in the population per 1000 female population.
- (c) The number of married females in the population per 1000 male population.
- (d) The number of married males in the population per 1000 female population.

Q31. An ad valorem duty is a tax on the basis of

- (a) The price of a commodity
- (b) The value added
- (c) The advertisement expenditure
- (d) The unit of the commodity

Q32. Match the columns :

List 1

List 2

Organic acids

Substances in which they are present

- | | |
|-----------------|------------------|
| A. Lactic acid | 1. Lemon |
| B. Acetic acid | 2. Rancid butter |
| C. Citric acid | 3. Milk |
| D. Butyric acid | 4. Vinegar |
| | 5. Wine |

(a) 5 4 3 2

(b) 3 1 4 5

(c) 2 5 1 3

(d) 3 4 1 2

Q33. Match the columns :

List 1

List 2

Authors

Books

A. Mahatma Gandhi

1. India Divided

B. Ram Manohar Lohia

2. India Wins Freedom

C. Dr. Rajendra Prasad

3. Hind Swaraj

D. Maulana Azad

4. The Wheel of History

(a) 3 4 1 2

(b) 1 3 4 2

(c) 4 3 2 1

(d) 2 3 4 1

Q34. 'Economic Justice', as one of the objectives of the Indian Constitution, has been provided in the

(a) Preamble and Fundamental Rights

(b) Preamble and Directive Principles

(c) Fundamental Rights and Directive Principles

(d) Preamble, Fundamental Rights and Directive Principles

Q35. Seasonal migration of men and animals from lower to higher altitudes during the summer is known as

(a) Nomadism

(b) Migration

(c) Transhumance

(d) Pastoralism

Q36. The Constitution of India provides for the nomination of two members to the Lok Sabha by the President to represent

(a) Men of eminence in arts, letters, science, etc.

(b) Parsis

(c) The business community

(d) The Anglo-Indian community

Q37. The newly discovered high-temperature superconductors are

(a) Metal alloys

(b) Pure rare-earth metals

(c) Ceramic oxides

(d) Inorganic polymers

Q38. The drugs-caffeine, tannin and nicotine are

(a) Steroids

(b) Cortisones

(c) Alkaloids

(d) Mild alkalis

Q39. A political party is recognised as a national party

(a) When it contests elections in all the States of the country.

(b) When it secures at least five per cent of the total votes cast in a national election.

(c) If it captures power at least in three States.

(d) If it is recognised as a political party in four or more States.

Q40. Corals are

(a) A particular type of shell found near some of the seacoasts.

(b) A special variety of fish which live in shells.

(c) The tiny animals that live in shells in the sea.

(d) The remains of tiny sea animals resembling shells.

Q41. Ordinary dry air consists of the following :

(1) Nitrogen

(2) Oxygen

(3) Argon

(4) Carbon dioxide

What is the decreasing sequence of these in percentages ?

(a) 1, 2, 3 and 4

(b) 1, 2, 4 and 3

(c) 2, 1, 3 and 4

(d) 2, 1, 4 and 3

Q42. Dakshin Gangotri is a/an

(a) River-valley project in Andhra Pradesh.

(b) Unmanned station located in Antarctica for continuous weather and scientific recordings.

(c) Second source of the river Ganga.

(d) Island in the Indian Ocean near Antarctica.

Q43. The allocation of seats for each State in the present Lok Sabha is based on the

- (a) 1951 census
- (b) 1961 census
- (c) 1971 census
- (d) 1981 census

Q44. The type of crop which is able to fix nitrogen from air is known as

- (a) Tuber
- (b) Coffee
- (c) Legume
- (d) Wheat

Q45 Which one of the following pairs is correctly matched ?

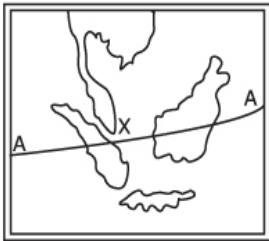
- (a) Abul Fazal — Ain-i-Akbari
- (b) Badauni — Akbar Nama
- (c) Abdul Hamid Lahori — Tabakat-i-Akbari
- (d) Nizamuddin Ahmad — Badshah Nama

Q46. About 1.5 crore people are added every year to the total population of India. This means that we are adding every year a population equal to that of

- (a) Bangladesh
- (b) Singapore
- (c) Pakistan
- (d) Afghanistan

Directions :Qs 47-49 are based on the map given below.

Study this map to answer these Qs :



Q47. The location of 'X' in the map represents the port of

- (a) Bangkok
- (b) Hong Kong
- (c) Singapore
- (d) Jakarta

Q48. The area marked 'Y' in the map represents

- (a) Gulf of Siam
- (b) Bay of Bengal

(c) South China Sea

(d) Gulf of Malaya

Q49. The latitude marked AA in the map represents

(a) Tropic of cancer

(b) Equator

(c) Tropic of Capricorn

(d) None of the above

Q50. Indian Standard Time (I.S.T.) is determined according to the local time of which one of the following longitudes ?

(a) 82.5° east longitude

(b) 0° longitude or Greenwich meridian

(c) 180° east or west longitude

(d) 70° east longitude

Q51. Charakasamhitais a work on

(a) Polity

(b) Medicine

(c) Architecture

(d) Mathematics

Q52. Let E_1 , E_2 , E_3 denote efficiency of a diesel, a petrol and a steam engine respectively. Which of the following is correct ?

(a) $E_1 > E_2 > E_3$

(b) $E_1 < E_2 < E_3$

(c) $E_2 > E_1 > E_3$

(d) $E_3 < E_1 < E_2$

Q53. The resolving power of an electron microscope is much higher than that of an ordinary light microscope because resolving power increases

(a) If wavelength is short and wavelength of electron beam can be made quite small by accelerating the electrons.

(b) If wavelength is short and light given by electrons has very short wavelength.

(c) If magnification is high and electronic lens provides much higher magnification.

(d) If magnification is high and the electron microscope has a battery of lenses to provide high magnification.

Q54. The saliva helps in the digestion of

(a) Starch

(b) Proteins

(c) Fibres

(d)Fats

Q55. Whichone of the following is a non-metallic mineral ?

(a) Manganese

(b) Magnesium

(c) Gypsum

(d)Bauxite

Q56. Whichone of the following has the lowest density of population per sq km accordingto the 1981 census ?

(a) Meghalaya

(b) Nagaland

(c) Sikkim

(d)Arunachal Pradesh

Q57. Whichof the following chemicals in automobile-exhaust can cause cancer ?

(a) Carbon monoxide

(b) Polycyclic hydrocarbons

(c) Lead

(d) Oxides of nitrogen

Q58. Man passed from the food gathering stage to the food producing stage in the

(a) Neolithic Age

(b) Mesolithic Age

(c) Chalcolithic Age

(d) Palaeolithic Age

Q59. Gujarathas experienced drought for four consecutive years because of

(a) Subsiding air masses

(b) Successive monsoon failure

(c) Change in the direction of trade winds

(d) Western disturbances

Q60. The Sri Lanka Broadcasting Corporation broadcasts its programmes on the 25 metre band. Which one of the following is the frequency of this transmission ?

(a) 12 Kilo Hertz

(b) 1.2 Mega Hertz

(c) 12 Mega Hertz

(d) 120 Mega Hertz

Q61. Which one of the following countries has tricameral legislature with one House for ethnic group ?

(a) South Africa

(b) Sri Lanka

(c) Fiji

(d) Malaysia

Q62. Who among the following have a right to vote in the Vice-Presidential election but not in the Presidential election?

(a) Ministers who are not members of either House of the Parliament

(b) Elected members of the Upper Houses of the States

(c) Nominated members of the Parliament

(d) Members of the Parliament who abstain from all meetings of the House for a period of sixty days without permission of the House

Q63. Among the sources of energy listed below which one is non-conventional in present day rural India?

(a) Fuel wood

(b) Cow-dung cake

(c) Biogas

(d)Hydel

Q64. The oldest Hindu epic is

(a) Mahabhashya

(b) Ramayana

(c) Ashtadhyayi

(d)Mahabharata

Q65. Assume that the consumer price index (1970 = 100) is at present 500. This means that

(a) Prices of all goods and commodities have increased five times.

(b) Prices of all consumer goods have increased five times.

(c) Prices of all items in a specified list have increased by 400%.

(d) Prices have increased and the weighted mean price increase for specified items is 400%.

Q66. Amniocentesis is a method for

(a) Determination of foetal sex.

(b) Separation of amino acids.

(c) Determination of the sequence of amino acids in a protein.

(d) Inducing abortion.

Q67. Which one of the following is not correctly matched?

(a) Isoleth — A line joining places of equal height

(b) Isobar — A line joining places of equal pressure

(c) Isohyet — A line joining places of equal rainfall

(d) Isotherm — A line joining places of equal temperature

Q68. An athlete claimed that his timing for a 100 m dash should be corrected because the starting signal was given by a gun fired from a point 10 m away from him and the timekeeper was standing close to the gun. The error due to this could be (in seconds)

(a) 0.7

(b) 0.5

(c) 0.1

(d) 0.03

Q69. A boy carved his initials on the bark of a tree at a height of 2.5 m above the ground when the tree was 5 m tall. In 10 years the tree attained a height of 15 m. The initials carved by the boy 10 years ago will now be found

(a) At 2.5 m above the ground

(b) At 7.5 m above the ground

(c) At 12.5 m above the ground

(d) At 15.0 m above the ground

Q70. Consider the diagrams below :



The above diagrams show the position of the Earth, the Moon and the Sun where

(a) Only situation A explains the spring tides.

(b) Only situation B explains the spring tides.

(c) Both situations A and B explain the spring tides.

(d) None of the above

Q71. If camera A has f 4.5 lens and camera B has f 2.8 lens, and the diameters of both the lenses are equal, then

(a) Pictures taken by A will always be sharper.

(b) Pictures taken by B will always be sharper.

(c) A is better for photographing fast moving objects.

(d) B is better for photographing fast moving objects.

Q72. Near the banks of which one of the following rivers, the excavation in recent years has brought to light that Indus Valley Civilisation percolated to far south ?

- (a) Mahanadi
- (b) Cauvery
- (c) Krishna
- (d) Godavari

Q73. A private company is faced with the problem of setting up a cement plant. Which of the factors given below should be taken into consideration for this venture?

- (1) Abundant electricity
- (2) Abundant limestone/dolomite
- (3) Abundant labour force
- (4) Abundant gas
- (5) Accessibility to transportation
- (6) Abundant coal

Choose the correct answer from the codes given below :

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

(c) 1, 2 and 5 only

(d) 3, 4 and 6 only

Q74. Sculptures of the Mathura School of Art, which flourished in the early centuries of the Christian Era, are made out of

(a) Marble

(b) Slate stone

(c) Granite

(d) Red sandstone

Q75. Who among the following Bhakti leaders used the medium of dance and songs (Kirtans) to make one feel the personal presence of god near him ?

(a) Shankaradeva

(b) Chandidasa

(c) Jnanadeva

(d) Chaitanya Mahaprabhu

Q76. A recently developed technique for monitoring foetal growth uses

(a) X-rays

(b) Microwaves

(c) Ultrasonics

(d) Ultraviolet rays

Q77. A balloon filled with air is weighed (W) so that it just floats in water as shown in the figure. When it is further pushed by a short distance in water, it will

(a) Sink to the bottom.

(b) Stay at the depth where it stands submerged.

(c) Come back to its original position.

(d) Sink down a little further but will not reach the bottom.

Q78. Which one of the following pairs is not correctly matched ?

(a) Islam - Koran

(b) Hinduism - Veda

(c) Shintoism - Analects

(d) Judaism – Torah

Q79. The major ingredient of leather is

(a) Collagen

(b) Polymer

(c) Carbohydrate

(d)Nucleic acid

Q80. Seawater is saltier than rain water because

(a) Sea beds have salt producing mines.

(b) Rivers wash away salts from the earth and pour them into sea.

(c) The air around sea is saltish.

(d)Sea animals are salt producing.

Q81. A free-floating astronaut 'A' pushes another free-floating astronaut 'B' in space. The mass of 'A' is greater than that of 'B'. The force exerted by the astronaut 'A' on the astronaut 'B' will be

(a) Equal to zero.

(b) Equal to the force exerted by 'B' on 'A'.

(c) Greater than the force exerted by 'B' on 'A'.

(d) Less than the force exerted by 'B' on 'A'

Q82. Who among the following was not sent to Lanka for the propagation of Buddhism ?

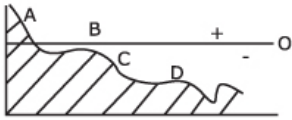
(a) Rashtriya

(b) Bhadrasara

(c) Uttariya

(d)Sona

Q83. Consider the diagram below :



Letters A, B, C and D in the diagram represent sequential arrangement of basic topographical features along a coast. Identify the correct sequence from the codes given below:

- (a) Land, continental shelf, continental slope, deep sea plain
- (b) Land, continental slope, continental shelf, deep sea plain
- (c) Mountain, sea coast, continental slope, deep sea plain
- (d) Hill, continental slope, ocean deep, deep sea plain.

Q84. On the Moon, astronauts inflate a rubber balloon with hydrogen gas and release it at a height of 2 metres. The balloon will

- (a) Fall down
- (b) Go upwards
- (c) Remain at the height of 2 metres
- (d) First go up and finally come down

Q85. Akbar found the Din-i-Ilahi primarily to

- (a) Put an end to the differences between the Hindus and

the Muslims.

(b) Establish a national religion which would be acceptable to both the Muslims and the Hindus.

(c) Ensure racial and communal harmony.

(d) Found a religious club.

Q86. If S denotes sound energy, E denotes electrical energy, M denotes magnetic energy, the correct representation of recording and reproduction in an audio tape recorder is

→→→

→→→→

→→→

→→→→

Q87. Apart from Tamil Nadu (Neyveli), lignite is found at

(a) Gujarat

(b) Uttar Pradesh

(c) West Bengal

(d) Orissa

Q88. Who among the following has the right to speak and otherwise take part in the proceedings of either House of the Parliament and to

be a member of any Parliamentary Committee in India but is not entitled to vote ?

- (a) The Chief Election Commissioner
- (b) The Comptroller and Auditor-General
- (c) The Chairman of the Finance Commission
- (d) The Attorney-General

Q89. The places Alwaye, Koyna and Korba have

- (a) Thermal Stations
- (b) Oil Refineries
- (c) Hydro Stations
- (d) Aluminium Industries

Q90. The principal cause of soil damage in Punjab and Haryana is

- (a) Salinity and water-logging
- (b) Deforestation
- (c) Ravine erosion
- (d) Overgrazing

Q91. The phenomenon of mirage is due to

- (a) Increased absorption of light by air at highertemperature
- (b) Change in the refractive index of air with the change intemperature
- (c) Total internal reflection
- (d)Decreased absorption of light by air at higher temperature

Q92. TheMausoleum of Sher Shah is at

- (a) Rohtas
- (b) Agra
- (c) Sasaram
- (d)Lahore

Q93. Whichone of the following States doesn't produce a substantial quantity of cardamom?

- (a) Assam
- (b) Karnataka
- (c) Tamil Nadu
- (d)Kerala

Q94. TheLingayat movement owes its origin to

- (a) Vidyaranya

(b) Purandharadasa

(c) Appar

(d) Basava

Q95. Which one of the following is NOT an affiliate of the Reserve Bank of India?

(a) Agricultural Refinance Corporation

(b) Deposit Insurance Corporation

(c) The Industrial Development Bank of India

(d) Unit Trust of India

Q96. Fog is common around Newfoundland coast because

(a) Icebergs melt around the coast

(b) Warm and cold currents meet

(c) The rainfall is heavy

(d) High tides cause storms

Q97. Albuquerque captured Goa from the ruler of

(a) Bijapur

(b) Golkonda

(c) Ahmadnagar

(d) Vijayanagar

Q98. Which of the following is/are true of bonded labour?

(1) It is forced employment in consideration of an advance or interest payment

(2) It is employment arising out of any customary or social or hereditary obligation or by reason of birth in any caste or community involved in pledging labour

(3) It is for any economic consideration involving loss of freedom of contract leading to forced employment

Choose the correct answer from the codes given below:

(a) 1, 2 and 3

(b) 1 and 2

(c) 1 and 3

(d) 2 and 3

Q99. The British rulers introduced a new system of education in India chiefly because they wanted to

(a) Provide a class of office workers for the company

(b) Promote the work of Christian missionaries

(c) Create an awareness of scientific and technical developments

(d) Generate the capacity for self-government

Q100. The limit beyond which stars suffer internal collapse is called

(a) Chandrashekhar limit

(b) Eddington limit

(c) Hoyle limit

(d) Fowler limit

Q101. Which one of the following was the most immediate factor for the spread of Swadeshi and Boycott agitation during the first decade of the present century ?

(a) Curzon's attempt to control the Universities

(b) Curzon's design to curtail the sphere of local self-government

(c) Curzon's partition of Bengal

(d) Curzon's plan to curb the growing popularity of the Indian National Congress

Q102. Which of the following are under the purview of Industrial Development Bank of India?

(1) Unit Trust of India

(2) Life Insurance Corporation of India

(3) Export-Import Bank

(4) State Finance corporation of India

Choose the correct answer from the codes given below:

(a) 1, 2 and 3

(b) 2, 3 and 4

(c) 1, 2 and 4

(d) 1, 3 and 4

Q103. Waterhyacinth is related to

(a) Lemna

(b) Pistia

(c) Eichhornia

(d) None of these

Q104. One of the elements mentioned as the strategy for industrial development in the Seventh Five-Year Plan is to usher in 'sunrise industries'. 'Sunrise industries' refers to those industries which have

(a) High growth potential and relevance to our needs

(b) High employment potential

(c) Capacity to face international competition

(d) High import substitution potential

Q105. The earliest evidence of a Jewish community settling in India is provided by a charter of a

(a) Chola king

(b) Pandya king

(c) Chera king

(d) Vijayanagara king

Q106. Which one of the following pairs is NOT correctly matched?

(a) Holt MacKenzie Mahalwari settlement in Northern India

(b) Lord Cornwallis Subsidiary system

(c) Lord Ripon Local Self-Government

(d) Thomas Munro Ryotwari settlement

Q107. Mechanisation of agriculture will lead to which of the following ?

(1) Higher per unit cost of operation

(2) Higher per unit productivity

(3) Higher dose of employment

(4) Higher utilisation of resources

Select the correct answer from codes given below:

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

Q108. The Oscar award winning film 'Platoon' was based on

- (a) Iran-Iraq war
- (b) Falkland war
- (c) Vietnam war
- (d) Israel war

Q109. Which of the following statements are true of the Congress Socialist Party ?

- (1) It was a forum for various kinds of Socialists in India.
- (2) It was a rival organisation of Indian National Congress.
- (3) It championed the cause of workers and peasants.

Choose the correct answer from the codes given below:

- (a) 1, 2 and 3

(b) 1 and 2 only

(c) 1 and 3 only

(d) 2 and 3 only

Q110. If there were no atmosphere, what would be the colour of sky ?

(a) White

(b) Black

(c) Blue

(d) Red

Q111. The 'Char Minar' is in

(a) Hyderabad

(b) Ahmednagar

(c) Ahmedabad

(d) Fatehpur Sikri

Q112. In which of the following industries in India are the maximum number of workers employed ?

(a) Jute

(b) Sugar

(c) Textiles

(d) Iron and Steel

Q113. Match the columns :

List 1

List 2

- | | |
|-----------------|----------------------|
| A. Rig Veda | 1. Musical hymns |
| B. Yajur Veda | 2. Hymns and rituals |
| C. Sama Veda | 3. Charms and spells |
| D. Atharva Veda | 4. Hymns and prayers |

(a) 4 2 1 3

(b) 3 2 4 1

(c) 4 1 2 3

(d) 2 3 1 4

Q114. Match the columns :

List 1

List 2

- | | |
|-------------------------|--|
| A. Karsondas Mulji | 1. Tatvabodhini Patrika |
| B. Dadabhai Naoroji | 2. Satya Prakash |
| C. Debendranath Tagore | 3. Fight for legal status to Parsi women |
| D. Henry Vivian Derozio | 4. Peasant Movement |
| | 5. Did not believe in existence of god |

(a) 2 3 1 5

(b) 5 3 1 2

(c) 4 5 2 1

(d) 5 1 4 2

Q115. Match the columns :

List 1

List 2

- | | |
|--------------|----------------|
| A. Amaravati | 1. Hoysalas |
| B. Aihole | 2. Cholas |
| C. Thanjavur | 3. Satavahanas |
| D. Halebid | 4. Chalukyas |
| | 5. Pandyas |

(a) 2 4 5 1

(b) 3 1 4 2

(c) 3 4 2 1

(d) 4 5 2 3

Q116. Match the columns :

List 1

List 2

(Leaders)

(Views on the Cripps Missions proposals in 1942)

- | | |
|--------------|---|
| (A) Nehru | (1) Post-dated cheque |
| (B) Ambedkar | (2) The autocratic powers of Viceroy would remain |
| (C) Gandhi | (3) It will do the greatest harm to the depressed |
| (D) Sapru & | (4) The creation of more than one Union will be |

Jayckar

disastrous

(a) 2 3 1 4

(b) 3 2 1 4

(c) 4 2 1 3

(d) 3 4 2 1

Q117. Match the columns :

*List 1**List 2*

A. Qutub Minar

1. Mohamed Adil Shah

B. Gol Gumbaj

2. Iltutmish

C. Buland Darwaza

3. Aurangzeb

D. Moti Masjid

4. Jahangir

5. Akbar

(a) 5 1 3 4

(b) 2 4 5 1

(c) 4 3 2 1

(d) 2 1 5 3

Q118. Match the columns :

*List 1**List 2*A. Morley Minto
Reforms

1. Dyarchy in the Provinces

- | | |
|-----------------------|--|
| B. Montague Reforms | 2. Provincial Chelmsford Autonomy |
| C. Reform Act of 1935 | 3. Introduction of separate electorate |
| D. Cripps | 4. Provision for Proposals establishment of a Constituent Assembly |

(a) 4 3 2 1

(b) 3 1 2 4

(c) 2 1 4 3

(d) 3 2 1 4

Q119. Match the columns :

- | <i>List 1</i> | <i>List 2</i> |
|----------------|----------------------|
| <i>(Lakes)</i> | <i>(States)</i> |
| A. Wular | 1. Rajasthan |
| B. Chilka | 2. Orissa |
| C. Loktak | 3. Manipur |
| D. Nakki | 4. Jammu and Kashmir |
| | 5. Madhya Pradesh |

(a) 5 2 3 4

(b) 3 5 2 1

(c) 4 2 3 1

(d)4 3 5 2

Q120. Match the columns :

List 1

List 2

- | | |
|------------------------|----------------------------------|
| A. Madan Mohan Malviya | 1. Ghadr Movement |
| B. Sohan Singh Bhakna | 2. Swatantra Party |
| C. Annie Besant | 3. Hindu Mahasabha |
| D. Rajagopalachari | 4. Theosophical Society of India |

(a) 2 4 5 1

(b) 3 1 4 2

(c) 3 4 2 1

(d)4 5 2 3

Q121. Match the columns :

List 1

List 2

- | | |
|------------------|--------------|
| A. Maharashtra | 1. Alluvial |
| B. Karnataka | 2. Lateritic |
| C. Uttar Pradesh | 3. Red |
| D. Assam | 4. Black |

(a) 4 2 1 3

(b) 4 3 1 2

(c) 3 1 4 2

(d) 2 3 4 1

Q122. Match the columns :

List 1

List 2

(Industry)

(Places)

A. Pottery

1. Firozabad

B. Bangles

2. Trivandrum

C. Wooden carvings

3. Bhagalpur

D. Silk

4. Mirzapur

(a) 4 1 2 3

(b) 3 4 2 1

(c) 2 1 3 4

(d) 4 2 1 3

Q123. Match the columns :

List 1

List 2

(Artiste)

(Instrument)

A. Ali Akbar Khan

1. Flute

B. Yehudi Menuhin

2. Sarod

C. Ravi Shankar

3. Sitar

D. H. P. Chaurasia

4. Santoor

5. Violin

(a) 4 3 1 5

(b) 1 2 4 3

(c) 2 3 4 1

(d) 2 5 3 1

Q124. Assertion (A):

In the ancient period of Indian history, urbanisation was followed by pastoral life.

Reason (R):

The Harappan Culture was an urban one.

(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 a correct explanation of A

(c) A is true but R is false

(d) A is false but R is true

Q125. Assertion (A):

Earthworms are useful to man.

Reason (R):

Earthworms help in Nitrogen Fixation in plants.

(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 a correct explanation of A

(c) A is true but R is false

(d) A is false but R is true

Q126. Assertion (A):

The Indian Constitution closely follows the British parliamentary model.

Reason (R):

In India the Upper House of the Parliament has judicial powers.

(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 a correct explanation of A

(c) A is true but R is false

(d) A is false but R is true

Q127. Assertion (A):

The Zamindari Settlement was introduced by Lord Cornwallis.

Reason (R):

The British desired to create a landed class in India for support.

(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 a correct explanation of A

(c) A is true but R is false

(d) A is false but R is true

Q128. Assertion (A):

A dry cell cannot be recharged.

Reason (R):

The chemical reaction in a dry cell is reversible.

(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 a correct explanation of A

(c) A is true but R is false

(d) A is false but R is true

Q129. Assertion (A):

Detergents can easily remove oil and dirt from soiled garments.

Reason (R):

Detergents increase the surface tension of water.

(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 a correct explanation of A

(c) A is true but R is false

(d) A is false but R is true

Q130. Assertion (A):

In the 19th century, India became a victim of colonialism.

Reason (R):

Industrial Revolution resulted in the need for more and more markets.

(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 a correct explanation of A

(c) A is true but R is false

(d) A is false but R is true

Q131. Assertion (A):

Red phosphorous is preferred to white phosphorous in the manufacture of matches.

Reason (R):

Red phosphorous is non-poisonous in nature.

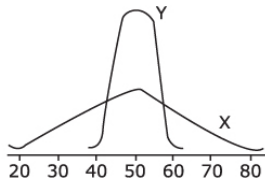
(a) Both A and R are true and R is the correct explanation of A

(b) Both A and R are true but R is NOT a correct explanation of A

(c) A is true but R is false

(d) A is false but R is true

Q132. Two distributions 'X' and 'Y' of the same area and mean are plotted below:



From the above diagram, it can be concluded that

- (a) 'X' has greater dispersion than 'Y'
- (b) 'Y' has greater dispersion than 'X'
- (c) Both 'X' and 'Y' have equal dispersion
- (d) The dispersions can not be compared

Q133. Diet is the name of the Parliament in

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

Q134. If there were no organic life on the Earth, the amount of oxygen in the atmosphere will

- (a) Remain unchanged.
- (b) Be approximately hundred per cent.
- (c) Be almost nil.
- (d) Be approximately fifty per cent.

Q135. Consider the following table on climatic data :

<i>Temperature (°C)</i>	<i>Rainfall (mm)</i>
<i>January</i>	<i>January</i>

Which data in the above table appears to be pertaining to Delhi ?

Q136. Acid rain is caused by pollution of environment by

- (a) Carbon dioxide and nitrogen
- (b) Carbon monoxide and carbon dioxide
- (c) Ozone and carbon dioxide
- (d) Nitrous oxide and sulphur dioxide

Q137. Which one of the following is a breed of cattle famous for high milk yield as well as draught capacity ?

- (a) The Kankrey
- (b) The Tharparkar
- (c) The Haryana breed

(d)The Rathi breed

Q138. Iceskating can be used to demonstrate that when ice is under pressure, its

(a) Melting point is lowered

(b) Melting point is raised

(c) Melting point remains unchanged

(d)Coefficient of friction with metal is reduced

Q139. Whichof the following are features of Mughal Style of architecture ?

(1) Curvilinear roof

(2) Flat roof

(3) Domes

(4) Arches

Choose the correct answer from the codes given below :

(a) 1, 2 and 3

(b) 2, 3 and 4

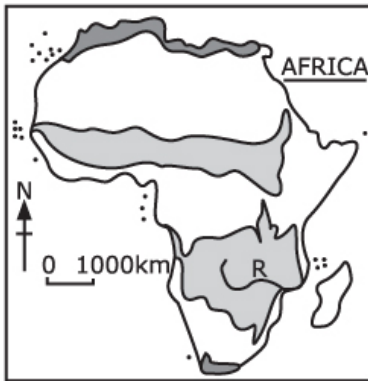
(c) 1, 3 and 4

(d)1, 2 and 4

Q140. Which of the following is not an element of the bone ?

- (a) Calcium
- (b) Phosphorus
- (c) Carbon
- (d) Oxygen

Directions(Qs. 141 to 143) : Study the following map to answer these Qs :



Q141. The climate in the shaded area of the map is of

- (a) Cold temperate oceanic type
- (b) Mediterranean type
- (c) Monsoon type
- (d) Temperate Grassland type

Q142. The vegetation of the area dotted on the map is

(a) Pampas

(b) Prairies

(c) Savanna

(d) Veld

Q143. The river (R) shown on the map is

(a) Niger

(b) Orange

(c) Congo

(d) Zambezi

Q144. Regional Rural Banks are designed to work in which one of the following ideals ?

(a) Work on basics of Commercial Banks

(b) Help the targeted groups

(c) Keep lending rates lower than cooperative institutions

(d) Work on innovative and adaptive ideals

Q145. Which one of the following commodities has the highest production in India ?

(a) Rice

(b) Wheat

(c) Tobacco

(d) Gram

Q146. Even when our food grain production has increased from 50 to 150 million tonnes during the last three decades, the progress has been quite unsatisfactory on agricultural development front because

(a) Only the production of a few items has gone up largely.

(b) Only the production of pulses and edible oil seeds has recorded large increase.

(c) Nutritional diet and 16 oz norm is still not available to our growing number of people having low purchasing power.

(d) This has been achieved on the basis of huge quantities of imported inputs which cannot be sustained.

Q147. River Luni drains into

(a) Ganga delta

(b) Kerala coast

(c) Rann of Kutch

(d) Godavari delta

Q148. The Contra rebels are active in

(a) Nicaragua

(b) Paraguay

(c) Brazil

(d) Argentina

Q149. Which of the following rivers has a 'bird's foot' delta ?

(a) The Amazon

(b) The Brahmaputra

(c) The Mississippi

(d) The Nile

Q150. Inspection and dissection of a body after death in human beings as for determination of cause of death is called

(a) Autopsy

(b) Autotomy

(c) Autoesism

(d) Autograft

Answers - 1988 UPSC Civil Services / IAS Preliminary General Studies