

General Studies (Prelims)

Paper- 1995

Q1. A meteor is

- (a) a rapidly moving star
- (b) a piece of matter which has entered the earth's atmosphere from outer space
- (c) part of a constellation
- (d) a comet without a tail

Q2. The word 'Hindu' as reference to the people of Hind (India) was first used by

- (a) the Greeks
- (b) the Romans
- (c) the Chinese
- (d) the Arabs

Q3. Given below is a map of some countries which were parts of the erstwhile Soviet Union, with water bodies shown by shaded areas :



The countries marked 1, 2, 3, 4 and 5 are respectively

- (a) Tajikistan, Turkmenia, Uzbekistan, Kirgizia, Kazakhstan
- (b) Turkmenia, Kirgizia, Tajikistan, Uzbekistan, Kazakhstan
- (c) Kazakhstan, Uzbekistan, Tajikistan, Kirgizia, Turkmenia
- (d) Kazakhstan, Turkmenia, Uzbekistan, Kirgizia, Tajikistan

Q4. To prevent recurrence of scams in Indian Capital Market, the Government of India has assigned regulatory powers to

- (a) SEBI
- (b) RBI
- (c) SBI
- (d) SBI

Q5. Consider the table given below providing some details of the results of the election to the Karnataka State Legislative : Assembly held in December, 1994.

Political Party	Percentage of popular votes obtained	Number of seats secured
Janata Dal	36	116
Congress	31	35
BJP	20.4	40

In terms of electoral analysis, the voter-seat distortion is to be explained as the result of the adoption of the

- (a) Hare system
- (b) Cumulative vote system
- (c) First-past-the-post system
- (d) Plural vote system

Q6. Who among the following was a Brahnavadini who composed some hymns of the Vedas ?

- (a) Lopamudra
- (b) Gargi

- (c) Leelavati
- (d) Savitri

Q7. The Alpine vegetation in the western Himalayas is found only up to a height of 3000 metres, while in the eastern Himalayas it is found up to a height of 4000 metres,. The reason for this variation in the same mountain range is that

- (a) eastern Himalayas are higher than western Himalayas
- (b) eastern Himalayas are nearer to the Equator and sea coast than western Himalayas
- (c) eastern Himalayas get more monsoon rainfall than the western Himalayas
- (d) eastern Himalayan rocks are more fertile than the western Himalayan rocks

Q8. According to the 1991 Census, the highest percentage of population in India is to be found in the age-group of

- (a) 60 years and above
- (b) 35 to 55 years
- (c) 25 to 34 years
- (d) 5 to 14 years

Q9. Which one of the following is correct In respect of the commencement of the election process in India ?

- (a) The recommendation for election is made by the government and the notification for election is issued by the Election Commission
- (b) The recommendation for election is made by the Election Commission and the notification for election is issued by the Home Ministry at the Centre and Home Departments in the States
- (c) The recommendation for election is made by the Election Commission and the notification for election is issued by the President and Governors of the States concerned
- (d) Both the exercises of making a recommendation for election and

that of issuing a notification in respect of it are done by the Election Commission

Q10. Match List I with List II and select the correct answer by using the codes given below the lists.

List I	List II
(Eras)	(Reckoned from)
I. Vikrama era	(A) 3102 B.C.
II. Saka era	(B) 320 A.D.
III. Gupta era	(C) 78 A.D.
IV. Kali era	(D) 58 B.C.
	(E) 248 A.D.

Codes :

- (a) I-B, II-D, III-E, IV-A
- (b) I-A, II-C, III-B, IV-D
- (c) I-D, II-E, III-B, IV-C
- (d) I-D, II-C, III-B, IV-A

Q11. The standard time of the following countries is ahead or behind Greenwich Mean Time depending on whether they are east or west of the longitude passing through Greenwich :

- I. Cuba
- II. Greece
- III. Iraq
- IV. Costa Rica
- V. Japan

Which one of the following sequential orders gives the correct arrangement of the countries according to their standard time from ahead to behind GMT?

- (a) V, III, II, I, IV
- (b) II, IV, I, III, V

(c) IV, I, III, II, V

(d) III, V, IV, I, II

Q12. Which one of the following Five-Year Plans recognised human development as the core of all developmental efforts ?

(a) The Third Five-Year Plan

(b) The Fifth Five-Year Plan

(c) The Sixth Five-Year Plan

(d) The Eighth Five-Year Plan

Q13. Which of the following is/are extra-constitutional and extra-legal device(s) for securing cooperation and coordination between the States in India ?

I. The National Development Council

II. The Governors' Conference

III. Zonal Councils

IV. The Inter-State Council.

Choose the correct answer from the codes given below :

Codes:

(a) I, II and III

(b) I, III and IV

(c) III and IV

(d) IV only

Q14. The original home of the gypsies was

(a) Egypt

(b) Russia

(c) India

(d) Persia

Q15. Which one of the following is the continent with the highest mean elevation in the world ?

- (a) Antarctica
- (b) North America
- (c) Asia
- (d) South America

Q16. Which of the following are the objectives of the Commission for Agricultural Costs and Prices (CACP) ?

- I. To stabilise agricultural prices.
- II. To ensure meaningful real income levels to the farmers.
- III. To protect the interest of the consumers by providing essential agricultural commodities at reasonable rates through public distribution system.
- IV. To ensure maximum price for the farmer.

Select the correct answer from the codes given below :

Codes:

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

Q17. Which of the following are matters on which a constitutional amendment is possible only with the ratification of the legislatures of not less than one-half of the States ?

- I. Election of the President
- II. Representation of States in Parliament
- III. Any of the Lists in the 7th Schedule
- IV. Abolition of the Legislative Council of a State

Choose the correct answer from the codes given below :

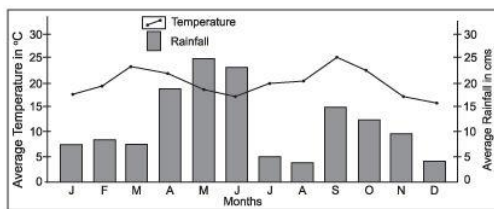
Codes :

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

Q18. In Sanskrit plays written during the Gupta Period women and sudras speak

- (a) Sanskrit
- (b) Prakrit
- (c) Pali
- (d) Sauraseni

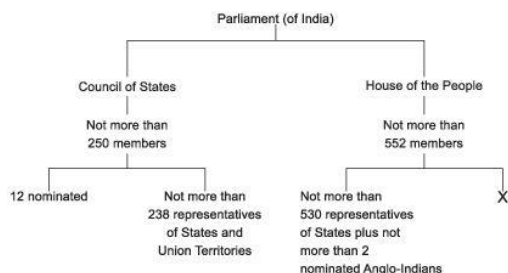
Q19. The graph given below shows the mean average monthly temperatures (in °C) and mean monthly rainfall (in cms) of a place :



This graph is indicative of which one of the climatic zones of the world ?

- (a) Wet and dry tropical
- (b) Rainy tropical
- (c) Semi-arid tropical
- (d) Temperate marine

Q20. Consider the table given below :



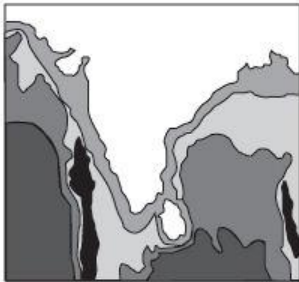
Which one of the following will fit in the place marked 'X' ?

- (a) Ministers who are not Members of Parliament but who have to get themselves elected to either House of Parliament within six months after assuming office
- (b) Not more than 20 nominated members
- (c) Not more than 20 representatives of Union Territories
- (d) The Attorney-General who has the right to speak and take part in the proceedings of either House of Parliament

Q21. The name by which Asoka is generally referred to in his inscriptions is

- (a) Chakravarti
- (b) Dharmadeva
- (c) Dharmakirti
- (d) Priyadarsi

Q22. Consider the map given below :



The divisions along India's coastal region indicate

- (a) coastal pollution zones
- (b) salinity density isopleths
- (c) the areas upto which sovereignty extends
- (d) underwater relief contours

Q23. Who among the following have the right to vote in the elections to both Lok Sabha and Rajya Sabha ?

- (a) Elected members of the Lower House of the Parliament

- (b) Elected members of the Upper House of the Parliament
- (c) Elected members of the Upper House of the State Legislature
- (d) Elected members of the Lower House of the State Legislature

Q24. The Nagara, the Dravida and the Vesara are

- (a) the three main racial groups of the Indian subcontinent
- (b) the three main linguistic divisions into which the languages of India can be classified
- (c) the three main styles of Indian temple architecture
- (d) the three main musical gharanas prevalent in India

Q25. In the map given below, three out of the four places marked indicate places where a thermal power station is located :



The place where there is no thermal power station is marked

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

Q26. Match List I with List II and select the correct answer by using the codes given below the lists.

List I

List II

I. European transcontinental railway (A) Paris to Istanbul

II. Trans-Andean railway (B) Leningrad to Vladivostok

III. Trans-Siberian railway

(C) Leningrad to Volgograd

IV. Orient Express

(D) Buenos Aires to Valparaiso

(E) Paris to Warsaw

Codes:

(a) I-E, II-D, III-B, IV-A

(b) I-A, II-D, III-C, IV-B

(c) I-E, II-A, III-B, IV-C

(d) I-A, II-B, III-C, IV-D

Q27. As part of the liberalisation programme and with a view to attracting foreign exchange, the Government and the RBI have devised two schemes known as FCNR-'A' and FCNR-'B'. Which of the following is/are true regarding these two schemes ?

I. Under scheme 'A' RBI bears exchange rate fluctuations.

II. Under scheme 'B', other banks are to meet out the difference in exchange rate fluctuations.

III. Both the schemes stand withdrawn now.

IV. Only scheme 'A' has been withdrawn.

Select the correct answer from the codes given below :

Codes :

(a) III only

(b) I and II

(c) I, II and III

(d) I, II and IV

Q28. Which one of the following States of India does not have a Legislative Council so far even though the Constitution (Seventh Amendment) Act, 1956 provides for it ?

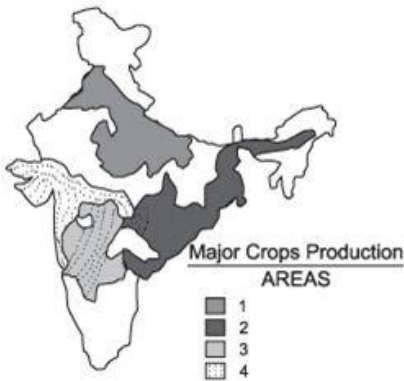
(a) Maharashtra

(b) Bihar

(c) Karnataka

(d) Madhya Pradesh

Q29. In the map given below four areas are differently shaded, three of which indicate cereal crops production areas and one indicates non-cereal crop production area.



As per the index given, the non-cereal crop production area is

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

Q30. In the interim government formed in 1946, the Vice-President of the Executive Council was

- (a) Jawaharlal Nehru
- (b) Dr. S. Radhakrishnan
- (c) C. Rajagopalachari
- (d) Dr. Rajendra Prasad

Q31. Which of the following are among the non-plan expenditures of the Government of India ?

- I. Defence expenditure
- II. Subsidies
- III. All expenditures linked with the previous plan periods
- IV. Interest payment

Choose the correct answer from the codes given below :

Codes :

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

Q32. “Monoculture of commercially viable trees is destroying the unique natural profile ofThoughtless exploitation of timber, deforesting vast tracts for palm cultivation, destruction of mangroves, illegal logging by tribals and poaching only compound the problem. Fresh water pockets are fast drying up due to deforestation and destruction of mangroves.” The place referred to in this quotation is

- (a) Sunderbans
- (b) Kerala Coast
- (c) Orissa Coast
- (d) Andaman and Nicobar Islands

Q33. The Mughal School of Painting formed the spinal column of the various schools of Indian miniature art. Which one of the following painting styles was not affected by Mughal painting ?

- (a) Pahari
- (b) Rajasthani
- (c) Kangra
- (d) Kalighata

Q34. Who among the following were famous jurists of medieval India ?

- I. Vijnanesvara
- II. Hemadri
- III. Rajasekhara
- IV. Jimutavahana

Choose the correct answer from the codes given below :

Codes :

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

Q35. Which of the following pairs are correctly matched ?

- I. Increase in foreign exchange reserves Monetary expansion
- II. Low import growth rate in India Recession in Indian Industry
- III. Euro-issues Shares held by Indian companies in European countries
- IV. Portfolio investment Foreign institutional investors

Select the correct answer by using the following codes :

Codes :

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

Q36. Article 156 of the Constitution of India provides that a Governor shall hold office for a term of five years from the date on which he enters upon his office. Which of the following can be deduced from this ?

- I. No Governor can be removed from office till completion of his term.
- II. No Governor can continue in office beyond a period of five years.

Select the correct answer from the codes given below :

Codes:

- (a) I only
- (b) II only
- (c) Both I and II
- (d) Neither I nor II

Q37. Coffee cultivation in Sri Lanka was abandoned because of the disease

- (a) leaf blight
- (b) leaf spot
- (c) leaf rust
- (d) rot

Q38. What is the annual growth rate aimed at in the Eighth Five-Year Plan ?

- (a) 5.6%
- (b) 6%
- (c) 6.5%
- (d) 7%

Q39. Prohibition of discrimination on grounds of religion, etc. (Article 15 of the Constitution of India) is a Fundamental Right classifiable under

- (a) the Right to Freedom of Religion
- (b) the Right against Exploitation
- (c) the Cultural and Educational Rights
- (d) the Right to Equality

Q40 Match List I with List II and select the correct answer by using the codes given below the lists :

List I

List II

I. Ernesto Zedillo

(A) Uruguay

II. Alberto Fujimori

(B) Brazil

III. Julio Maria Sanguinetti

(C) Mexico

IV. Fernando H. Cardoso

(D) Bolivia

(E) Peru

Codes :

- (a) I-C, II-E, III-A IV-B
- (b) I-D, II-E, III-C, IV-A
- (c) I-C, II-D, III-V, IV-B
- (d) I-E, II-C, III-A, IV-D

Q41. Which one of the following is the largest mutual fund organisation in India?

- (a) SBI Mutual Fund
- (b) GIC Mutual Fund
- (c) Industrial Bank Mutual Fund
- (d) Unit Trust of India

Q42. According to the Mimamsa system of philosophy, liberation is possible by means of

- (a) Jnana
- (b) Bhakti
- (c) Yoga
- (d) Karma

Q43. The lead character in the film The Bandit Queen has been played by

- (a) Pratibha Sinha
- (b) Rupa Ganguly
- (c) Seema Biswas
- (d) Shabana Azmi

Q44. The Nobel Prize for deciphering the language of bees was awarded to

- (a) H.G. Khurana
- (b) K.V. Frisch
- (c) Julian Huxley
- (d) Dorothy Hodgkins

Q45. The palaeomagnetic results obtained from India indicate that in the past, the Indian land mass has moved

- (a) northward
- (b) southward
- (c) eastward
- (d) westward

Q46. Corporation tax

- (a) is levied and appropriated by the States
- (b) is levied by the Union and collected and appropriated by the States
- (c) is levied by the Union and shared by the Union and the States
- (d) is levied by the Union and belongs to it exclusively

Q47. In which one of the following States of India it is legal for a Hindu male and illegal for a Muslim male to have more than one living wife ?

- (a) Nagaland
- (b) Mizoram
- (c) Goa
- (d) Arunachal Pradesh

Q48. Which of the following constitute the World Bank ?

- I. International Bank for Reconstruction and Development
- II. International Finance Corporation
- III. International Development Association
- IV. International Monetary Fund.

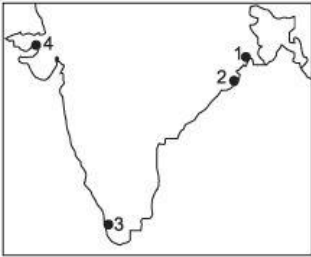
Choose the correct answer from the codes given below :

Codes :

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

(d) I, II, III and IV

Q49. Of the four places marked 1, 2, 3 and 4 on the map, the one indicating a tidal port is



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

Q50. The radical wing of the Congress Party, with Jawaharlal Nehru as one of its main leaders, founded the 'Independence for India League' in opposition to

- (a) the Gandhi-Irwin Pact
- (b) the Home Rule Movement
- (c) the Nehru Report
- (d) the Montford Reforms

Q51. Agricultural income-tax is assigned to the State Governments by

- (a) the Finance Commission
- (b) the National Development Council
- (c) the Inter-State Council
- (d) the Constitution of India

Q52. Bronze icons of Nataraja cast during the Chola period invariably show the deity with

- (a) eight hands
- (b) six hands
- (c) four hands
- (d) two hands

Q53. Willy-Willy is

- (a) a type of tree grown in temperate regions
- (b) a wind that blows in a desert
- (c) a tropical cyclone of the north-west Australia
- (d) a kind of common fish found near Lakshadweep islands

Q54. Consider the map given below indicating four places frequently figuring in the news :



Which one of them is Chechenya ?

Choose the correct answer from the codes given below :

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

Q55. Which one of the following is not an instrument of selective credit control in India ?

- (a) Regulation of consumer credit

- (b) Rationing of credit
- (c) Margin requirements
- (d) Variable cost reserve ratios

Q56. The term Yavanapriya, mentioned in ancient Sanskrit texts, denoted

- (a) a fine variety of Indian muslin
- (b) ivory
- (c) damsels sent to the Greek court for dance performance
- (d) pepper

Q57. The Dinesh Goswami Committee was concerned with

- (a) de-nationalisation of banks
- (b) electoral reforms
- (c) steps to put down insurgency in the North-East
- (d) the problem of the Chakmas

Q58. Which one of the following monuments has a dome which is said to be one of the largest in the world ?

- (a) Tomb of Sher Shah, Sasaram
- (b) Jama Masjid, Delhi
- (c) Tomb of Ghiyas-ud-din Tughlaq, Delhi
- (d) Gol Gumbaz, Bijapur

Q59. Which one of the following is true regarding the Jawahar Rozgar Yojana (JRY)?

- (a) It was launched during the Prime Ministership of Indira Gandhi
- (b) It aims at creating one million jobs annually
- (c) The target group of JRY are the urban poor living below the poverty line
- (d) Under the scheme 30% of the employment generated is reserved for women

Q60. Bank Rate implies the rate of interest

- (a) paid by the Reserve Bank of India on the Deposits of Commercial Banks
- (b) charged by Banks on loans and advances
- (c) payable on Bonds
- (d) at which the Reserve Bank of India discounts the Bills of Exchange

Q61. Which one of the following is not explicitly stated in the Constitution of India but followed as a convention ?

- (a) The Finance Minister is to be a Member of the Lower House
- (b) The Prime Minister has to resign if he loses majority in the Lower House
- (c) All the parts of India are to be represented in the Council of Ministers
- (d) In the event of both the President and the Vice-President demitting office simultaneously before the end of their tenure the Speaker of the Lower House of the Parliament will officiate as the President

Q62. Which one of the following was an emigree Communist Journal of M.N. Roy?

- (a) Kisan Sabha
- (b) The Worker
- (c) Vanguard
- (d) Anushilan

Q63. In which one of the following crops international trade is low in the context of total produce ?

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

Q64. The Narasimham Committee for Financial Sector Reforms has suggested reduction in

- (a) SLR and CRR
- (b) SLR, CRR and Priority Sector Financing
- (c) SLR and Financing to capital goods sector
- (d) CRR, Priority Sector Financing and Financing to capital goods sector

Q65. Which of the following are the States in which the Lok Ayukta Act includes the Chief Minister in its ambit ?

- (a) West Bengal and Kerala
- (b) Gujarat and Maharashtra
- (c) Madhya Pradesh and Orissa
- (d) Rajasthan and Karnataka

Q66. Ashtapradhan was a Council of Ministers

- (a) in the Gupta Administration
- (b) in the Chola Administration
- (c) in the Vijayanagar Administration
- (d) in the Maratha Administration

Q67. The Indian subcontinent was originally part of a huge land mass called

- (a) Jurassic Land Mass
- (b) Aryavarta
- (c) Indiana
- (d) Gondwana Continent

Q68. Which of the following are correctly matched ?

- I. Hamas—Palestinian extremist group
- II. Sinn Fein—IRA's political wing

III. True Path Party—A major constituent of the ruling coalition in Turkey

Choose the correct answer from the codes given below :

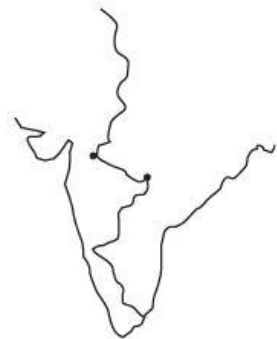
Codes :

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

Q69. Which one of the following does not belong to biosphere reserves set-up so far?

- (a) Great Nicobar
- (b) Sunderbans
- (c) Nanda Devi
- (d) Gulf of Kachchh

Q70. Consider the, map given below :



The route indicated in the map was followed, during the course of his military exploits, by

- (a) Chandragupta II
- (b) Harshavardhana
- (c) Rajendra Chola
- (d) Malik Kafur

Q71. The clouds float in the atmosphere because of their low

- (a) temperature
- (b) velocity
- (c) pressure
- (d) density

Q72. Which one of the following mountain ranges is spread over only one State in India ?

- (a) Aravalli
- (b) Satpura
- (c) Ajanta
- (d) Sahyadri

Q73. Hughly was used as a base for piracy in the Bay of Bengal by

- (a) the Portuguese
- (b) the French
- (c) the Danish
- (d) the British

Q74. In the field of space technology, India has demonstrated during 1994, her capability to

- (a) design advance intercontinental ballistic missile warning systems
- (b) build satellites
- (c) build stealth missiles
- (d) launch geo-stationary satellites

Q75. The 'Modi script' was employed in the documents of the

- (a) Wodeyars
- (b) Zamorins
- (c) Hoysalas
- (d) Marathas

Q76. One of the reasons for India's occupational structure remaining

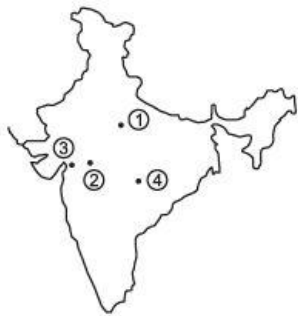
more or less the same over the years has been that

- (a) investment pattern has been directed towards capital-intensive industries
- (b) productivity in agriculture has been high enough to induce people to stay with agriculture
- (c) ceilings on land holdings have enabled more people to own land and hence their preference to stay with agriculture
- (d) people are largely unaware of the significance of transition from agriculture to industry for economic development

Q77. Which one of the following countries had in 1994 voted against joining the European Union ?

- (a) Norway
- (b) Sweden
- (c) Finland
- (d) Austria

Q78. Examine the map given below :



The places marked 1, 2, 3 and 4 were respectively the seats of powers of the

- (a) Scindias, Holkars, Gaekwads and Bhonsles
- (b) Holkars, Scindias, Gaekwads and Bhonsles
- (c) Gaekwads, Bhonsles, Scindias and Holkars
- (d) Scindias, Holkars, Bhonsles and Gaekwads

Q79. Which of the following benefits are likely to accrue to India from the World Trade Organisation?

- I. India's share in the world trade is to go up from the present 600 million US dollars to 5 billion US dollars by 2000 A.D.
- II. It will help boost exports of agricultural commodities from India.
- III. India's share in the world trade is likely to triple by the year 2000 A.D.

Select the correct answer using the codes given below :

Codes:

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

Q80. Comet Shoemaker-Levy 9 hit the planet

- (a) Pluto
- (b) Mars
- (c) Jupiter
- (d) Saturn

Q81. Which one of the following pairs is correctly matched ?

- (a) Battle of Buxar Mir Jafar vs. Clive
- (b) Battle of Wandiwash French vs. East India Company
- (c) Battle of Chilianwala Dalhousie vs. Marathas
- (d) Battle of Kharda Nizam vs. East India Company

Q82. Examine the following statements :

- I. All children are inquisitive.
- II. Some children are inquisitive.
- III. No children are inquisitive.
- IV. Some children are not inquisitive.

Among these statements, the two statements which cannot both be true simultaneously but can both be false would be

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

Q83. Arakan Yoma is the extension of the Himalayas located in

- (a) Baluchistan
- (b) Myanmar
- (c) Nepal
- (d) Kashmir

Q84. The signatories to the treaty banning chemical weapons include

- (a) USA, Russia, India, Iran and Israel
- (b) Iraq, Libya, India, Russia and China
- (c) Brazil, Angola, North Korea, Pakistan and USA
- (d) Syria, Sri Lanka, Japan, Singapore and France

Q85. What is the correct sequence of the following events ?

- I. The Lucknow Pact
- II. The Introduction of Dyarchy
- III. The Rowlatt Act
- IV. The Partition of Bengal

Choose the correct answer from the codes given below :

Codes :

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

Q86. The national highway from Delhi to Calcutta via Mathura and Varanasi is numbered

- (a) 1

- (b) 2
- (c) 4
- (d) 8

Q87. The word Adivasi was used for the first time to refer to the tribal people by

- (a) Mahatma Gandhi
- (b) Thakkar Bappa
- (c) Jyotiba Phule
- (d) B.R. Ambedkar

Q88. The concept of Anuvrata was advocated by

- (a) Mahayana Buddhism
- (b) Hinayana Buddhism
- (c) Jainism
- (d) the Lokayata school

Q89. Which one of the following is incorrect in respect of Local Government in India ?

- (a) According to the Indian Constitution, local government is not an independent tier in the federal system
- (b) 30% of the seats in local bodies are reserved for women
- (c) Local government finances are to be provided by a Commission
- (d) Elections to local bodies are to be determined by a Commission

Q90. The Barrah dacoity was the first major venture of the revolutionary terrorist of the freedom movement in

- (a) Bombay-Karnataka
- (b) Punjab
- (c) East Bengal
- (d) The Madras Presidency

Q91. Which one of the following pairs is correctly matched ?

- (a) Battle of Buxar Mir Jafar vs. Clive
- (b) Battle of Wandiwash French vs. East India Company
- (c) Battle of Chilianwala Dalhousie vs. Marathas
- (d) Battle of Kharda Nizam vs. East India Company

Q91. Which of the following political parties is/are national political parties ?

- I. Muslim League
- II. Revolutionary Socialist Party
- III. All-India Forward Block
- IV. Peasants and Workers Party of India

Choose the correct answer from the codes given below :

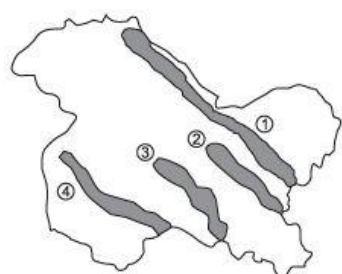
Codes :

- (a) I, II and III
- (b) II and IV
- (c) III only
- (d) None of the above

Q92 .The main reason for low growth rate in India, in spite of high rate of savings and capital formation is

- (a) high birth rate
- (b) low level of foreign aid
- (c) low capital / output ratio
- (d) high capital / output ratio

Q93. Examine the map of Jammu and Kashmir given below :



The mountain ranges marked 1, 2, 3 and 4 are respectively

- (a) Ladakh, Zaskar, Karakoram and Pir Panjal
- (b) Karakoram, Ladakh, Zaskar and Pir Panjal
- (c) Karakoram, Zaskar, Pir Panjal and Ladakh
- (d) Ladakh, Pir Panjal, Karakoram and Zaskar

Q94. The largest source of financing the public sector outlay of the Eighth Five-Year Plan comes from

- (a) balance from current revenue
- (b) contribution of public enterprises
- (c) government borrowings
- (d) deficit financing

Q95. The new Exim Policy announced in 1992, is for a period of

- (a) 3 years
- (b) 4 years
- (c) 7 years
- (d) 5 years

Q96. Consider the following :

- I. Industrial Finance Corporation of India
- II. Industrial Credit and Investment Corporation of India
- III. Industrial Development Bank of India
- IV. Unit Trust of India

The correct sequence in which the above were established is

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

Q97. In 1930 Mahatma Gandhi started Civil Disobedience

Movement from

- (a) Sevagram
- (b) Dandi
- (c) Sabarmati
- (d) Wardha

Q98. If in an election to a State Legislative Assembly the candidate who is declared elected loses his deposit, it means that

- (a) the polling was very poor
- (b) the election was for a multi-member constituency
- (c) the elected candidate's victory over his nearest rival was very marginal
- (d) a very large number of candidates contested the election

Q99. Which one of the following pairs is not correctly matched ?

- (a) Jamnalal Bajaj Satyagraha Ashram at Wardha
- (b) Dadabhai Naoroji Bombay Association
- (c) Lala Lajpat Rai National School at Lahore
- (d) Bal Gangadhar Tilak Satya Shodhak Sabha

Q100. Which one of the following is a mixed fertilizer ?

- (a) CAM
- (b) Urea
- (c) Ammonium Sulphate
- (d) NPK

Q101. Which one of the following polymers is widely used for making bullet proof material ?

- (a) Polyvinyl chloride
- (b) Polyamides
- (c) Polyethylene
- (d) Polycarbonates

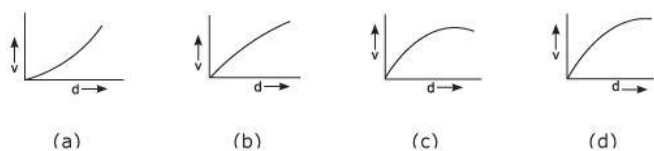
Q102. The chemical used as a 'fixer' in photography is

- (a) sodium sulphate
- (b) sodium thiosulphate
- (c) ammonium persulphate
- (d) borax

Q103. The technique used to transmit audio signals in television broadcasts is

- (a) Amplitude Modulation
- (b) Frequency Modulation
- (c) Pulse Code Modulation
- (d) Time Division Multiplexing

Q104. A parachutist jumps from a height of 5000 metres. The relationship between his falling speed ' v ' and the distance fallen through ' d ' is best represented as



Q105. Which one of the following can be used to confirm whether drinking water contains a gamma emitting isotope or not?

- (a) Microscope
- (b) Lead plate
- (c) Scintillation counter
- (d) Spectrophotometer

Q106. The normal temperature of human body on the Kelvin scale is

- (a) 280
- (b) 290
- (c) 300

(d) 310

Q107. When the same note is played on a sitar and a flute, the sound produced can be distinguished from each other because of the difference in

- (a) pitch, loudness and quality
- (b) pitch and loudness
- (c) quality only
- (d) loudness only

Q108. Assertion (A):

A diamond sparkles more than a glass imitation cut to the same shape.

Reason (R):

The refractive index of diamond is less than that of glass.

In the context of the above two statements, which one of the following is correct ?

- (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

Q109. Who among the following anticipated Newton by declaring that all things gravitate to the earth ?

- (a) Aryabhata
- (b) Varahamihira
- (c) Buddhagupta
- (d) Brahmagupta

Q110. Optical fibre works on the principle of

- (a) total internal reflection
- (b) refraction
- (c) scattering

(d) interference

Q111. Suppose a rocketship is receding from the earth at a speed of $\frac{2}{10}$ th the velocity of light. A light in the rocketship appears blue to the passengers on the ship. What colour would it appear to an observer on the earth?

- (a) Blue
- (b) Orange
- (c) Yellow
- (d) Yellow-orange

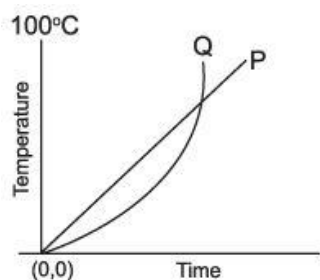
Q112. Which one of the following pairs of materials serves as electrodes in chargeable batteries commonly used in devices such as torchlights, electric shavers, etc?

- (a) Nickel and cadmium
- (b) Zinc and carbon
- (c) Lead peroxide and lead
- (d) Iron and cadmium

Q113. Cryogenic engines find applications in

- (a) sub-marine propulsion
- (b) frost-free refrigerators
- (c) rocket technology
- (d) researches in superconductivity

Q114. The variations in temperatures from 0°C to 100°C with respect to time of two liquids P, Q are shown in the graph given below. Which one of the following statements is correct ?



- (a) During heating, liquid P remained hotter than liquid Q throughout
- (b) At no point of time during heating did the two liquids have the same temperature
- (c) P attained the temperature of 100°C faster than Q
- (d) Q attained the temperature of 100°C faster than P

Q115. An air bubble in water will act like a

- (a) convex mirror
- (b) convex lens
- (c) concave mirror
- (d) concave lens

Q116. The difference between a nuclear reactor and an atomic bomb is that

- (a) no chain reaction takes place in nuclear reactor while in the atomic bomb there is a chain reaction
- (b) the chain reaction in nuclear reactor is controlled
- (c) the chain reaction in nuclear reactor is not controlled
- (d) no chain reaction takes place in atomic bomb while it takes place in nuclear reactor

Q117. Which one of the following fuels causes minimum environmental pollution ?

- (a) Diesel
- (b) Coal
- (c) Hydrogen
- (d) Kerosene

Q118. Zero was invented by

- (a) Aryabhata
- (b) Varahamihira

- (c) Bhaskara I
- (d) an unknown Indian

Q119. Which one of the following sets is correctly matched ?

- (a) Diphtheria, Pneumonia and Leprosy : Hereditary
- (b) AIDS, Syphilis and Gonorrhoea : Bacterial
- (c) Colour blindness, Hemophilia and Sickle cell anaemia : Sex linked
- (d) Polio, Japanese B encephalitis and plague : Viral

Q120. A person with 'AB' blood group is sometimes called a universal recipient because of the

- (a) lack of antigen in his blood
- (b) lack of antibodies in his blood
- (c) lack of both antigens and antibodies in his blood
- (d) presence of antibodies in his blood

Q121. Which one of the following is a membrane that protects the developing embryo from desiccation ?

- (a) Amnion
- (b) Allantois
- (c) Chorion
- (d) Yolk sac

Q122. Which one of the following antimicrobial drugs is suitable for treatment of both tuberculosis and leprosy ?

- (a) Isoniazid
- (b) p-aminosalicylic acid
- (c) Streptomycin
- (d) Rifampicin

Q123. Most of the desert plants bloom during night time because

- (a) their blooming is controlled by low temperature

- (b) they are sensitive to the phases of moon
- (c) the desert insects eat away flowers during day time
- (d) the desert insects are active during night time

Q124. The only snake that builds a nest is

- (a) Chain viper
- (b) King Cobra
- (c) Krait
- (d) Saw-scaled viper

Q125. Which of the following elements are present in all proteins ?

- I. Carbon
- II. Hydrogen
- III. Oxygen
- IV. Nitrogen

Select the correct answer from the codes given below :

Codes :

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

Q126. Which one of the following hormones contains iodine ?

- (a) Thyroxine
- (b) Testosterone
- (c) Insulin
- (d) Adrenaline

Q127. "By weaving threads of physics, chemistry and biology into a rich tapestry, this remarkable scientist provided a unifying molecular view of the world... He touted the wonderful properties of Vitamin C first as a cure of common cold and later as a preventive agent against cancer." One of science's major figures of all time referred to

above is

- (a) G.N. Lewis
- (b) Linus Carl Pauling
- (c) Fritz London
- (d) Walter Heitler

Q128. 'The final Agent Orange raid in Vietnam took place in 1970;... areas have begun to bloom again. But 19 years after the war's end, it seems plain that Agent Orange is killing and maiming human beings, something it never intended to do. The apparent toxic fall out from those clouds ... is a crop of human miseries including cancers, miscarriages and birth defects—that may persist for decades.'

The offensive substance referred to in the above quotation is

- (a) DDT used as insecticide
- (b) a complex mixture of herbicides and weedicides used to increase agricultural output in the then South Vietnam under the US aid programme
- (c) a complex mixture of DDT and other insecticides used as aerial sprays for protection against malaria and other tropical diseases
- (d) dioxin used as defoliants

Q129. "It begins as a single cell and grows into a merciless disease that claims millions of lives year after year. But scientists are steadily unlocking its mysteries, and the fight against it may now have reached a dramatic turning point. New discoveries promise better therapies and hope in the war against ..." The disease referred to in the above quotation is

- (a) Cancer
- (b) AIDS
- (c) Tuberculosis
- (d) Alzheimer's disease

Q130. 'Yellow cake', an item of smuggling across borders is

- (a) a crude form of heroin
- (b) a crude form of cocaine
- (c) uranium oxide
- (d) unrefined gold

Q131. Consider the series given below :

4/12/95, 1/1/96, 29/1/96, 26/2/96,...

The next term of the series is

- (a) 24/3/96
- (b) 25/3/96
- (c) 26/3/96
- (d) 27/3/96

Q132. In track meets both 100 yards and 100 metres are used as distances. By how many metres is 100 metres longer than 100 yards ?

- (a) 0.856 m
- (b) 8.56 m
- (c) 0.0856 m
- (d) 1.0 m

Q133. Examine the following statements :

I watch TV only if I am bored.

I am never bored when I have my brother's company.

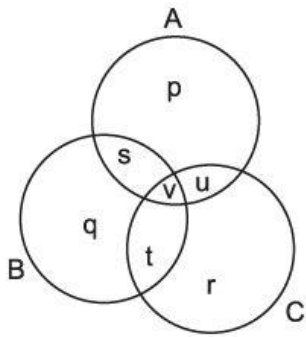
Whenever I go to the theatre, I take my brother along.

Which one of the following conclusions is valid in the context of the above statements ?

- (a) If I am bored, I watch TV
- (b) If I am bored, I seek my brother's company
- (c) If I am not with my brother, then I watch TV
- (d) If I am not bored, I do not watch TV

Q134. In the given diagram, circle A represents teachers who can

teach Physics, circle B represents teachers who can teach Chemistry and circle C represents those who can teach Mathematics. Among the regions marked p, q, r the one which represents teachers who can teach Physics and Mathematics but not Chemistry, is



- (a) v
- (b) u
- (c) s
- (d) t

Q135. Seven men, A, B, C, D, E, F and G are standing in a queue in that order. Each one is wearing a cap of a different colour like violet, indigo, blue, green, yellow, orange and red. D is able to see in front of him green and blue but not violet. E can see violet and yellow, but not red. G can see caps of all colours other than orange. If E is wearing an indigo coloured cap, then the colour of the cap worn by F is

- (a) blue
- (b) violet
- (c) red
- (d) orange

Q136. A person travelled from one place to another at an average speed of 40 kilometres/hour and back to the original place at an average speed of 50 kilometres/hour. What is his average speed in kilometres/hour during the entire round-trip ?

- (a) 45
- (b) $20\sqrt{5}$
- (c) $400/9$
- (d) Impossible to find out unless the distance between the two places is known

Q137. The value of

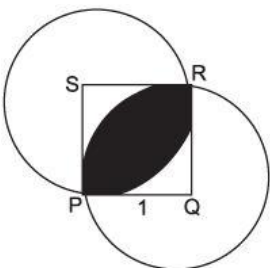
- (a - m) (b - m) ... (y - m) (z - m) is
- (a) $m^{26} + am^{25} + abm^{24} + \dots + a.b.c. \dots z$
- (b) $m^{26} - am^{25} + abm^{24} + \dots - a.b.c. \dots z$
- (c) 0
- (d) Indeterminate

Q138. A rectangular sump of dimensions 6 m x 5 m x 4 m is to be built by using bricks to make the outer dimension 6.2 m x 5.2 x 4.2 m. Approximately how many bricks of size 20 cm x 10 cm x 5 cm are required to build the sump for storing water ?

- (a) 1500
- (b) 3000
- (c) 15000
- (d) 30000

Q139. Consider the figure given below :

PQRS is a square of side 1 unit and Q, S are the centres of the two circles. The area of the shaded portion is



(a) $\frac{\pi}{2}$

(b) $\frac{1}{2}$

(c) $\frac{\pi}{4} - \frac{1}{2}$

(d) $\frac{\pi}{2} - 1$

Q140. A thief running at 8 km/hr is chased by a policeman whose speed is 10 km/hr. If the thief is 100 metres ahead of the policeman, then the time required for the policeman to catch the thief will be

(a) 2 minutes

(b) 6 minutes

(c) 10 minutes

(d) 3 minutes

Q141. A student has 60% chance of passing in English and 54% chance of passing in both English and Mathematics. What is the percentage probability that he will fail in Mathematics ?

(a) 12

(b) 36

(c) 4

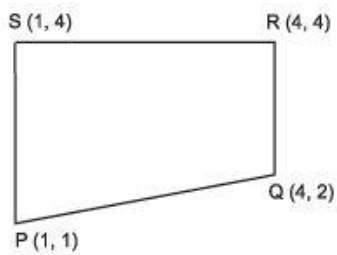
(d) 10

Q142. A table has three drawers. It is known that one of the drawers contains two silver coins, another contains two gold coins and the third one contains a silver coin and a gold coin. One of the drawers is opened at random and a coin is drawn. It is found to be a silver coin. What is the probability that the other coin in the drawer is a gold coin ?

(a) 0.25

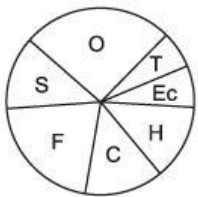
- (b) 1.00
- (c) 0.50
- (d) 0.60

Q143. In the Cartesian plane four points P, Q, R, S have co-ordinates (1, 1), (4, 2), (4, 4) and (1, 4). The area of the quadrilateral PQRS is



- (a) 9
- (b) 7.5
- (c) 4.5
- (d) Impossible to find unless the lengths of the diagonals are known

Q144. Consider the diagram given below :



- T : Transport
- Ec : Education of children
- H : Housing
- C : Clothing
- F : Food
- S : Savings

O : Others

From the diagram shown it would be right to conclude that

- (a) the family spent more than half the income on food and clothing
- (b) the amount saved by the family was too little
- (c) the family had no health problems
- (d) the family managed to meet all the essential expenses out of the income earned

Q145. Consider the table given below providing details of traffic volume per hour for locations :

Location	Total traffic volume	% of Heavy Vehicles	Average noise level in dB (A)	Noise pollution level, in dB (A)
I	377	24.40	73.50	84.00
II	380	12.50	72.60	83.00
III	377	30.00	73.50	86.50
IV	225	12.50	72.98	80.90

When the total traffic volume is the same, the factor(s) which affect(s) the noise pollution level is/are

- (a) % of heavy vehicles
- (b) noise pollution level and average noise level
- (c) average noise level and % of heavy vehicles
- (d) indeterminable on the basis of details given

Q146. The price fluctuations of 4 scrips in a stock market in the four quarters of a year are shown in the table below. Four different investors had the following portfolios of investment in the four companies throughout the year :

Portfolios

Investor 1 : 10 of A, 20 of B, 30 of C and 40 of D

Investor 2 : 40 of A, 10 of B, 20 of C and 30 of D

Investor 3 : 30 of A, 40 of B, 10 of C and 20 of D

Investor 4 : 20 of A, 30 of B, 40 of C and 10 of D

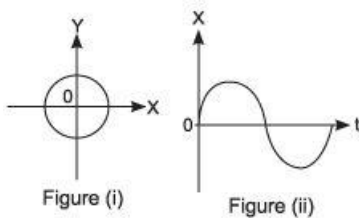
Stock Market Performance

	I Quarter	II Quarter	III Quarter	IV Quarter
Scrip A	Up 10%	Down 15%	Up 10%	Down 10%
Scrip B	Up 2%	Up 1%	Up 2%	Up 2%
Scrip C	Up 1%	Up 1%	Down 5%	Down 1%
Scrip D	Up 20%	Down 15%	Up 30%	Down 10%

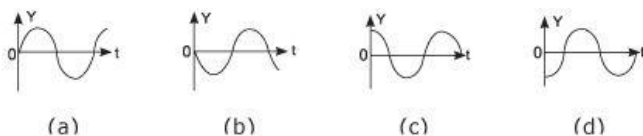
In the light of the above which one of the following statements is correct ?

- (a) Investor 2 has made the best investment
- (b) Investor 1 has made the best investment
- (c) Investor 2 suffered a net loss during the year
- (d) Investor 3 suffered a net loss during the year

Q147. X and Y are two variables whose values at any time are related to each other as shown in Fig. (i). X is known to vary periodically with reference to time as shown in Fig. (ii).



Which of the following curves depicts correctly the dependence of Y on time?



Q148. Out of a total of 120 musicians in a club, 5% can play all the three instruments-guitar, violin and flute. It so happens that the number of musicians who can play any two and only two of the above instruments is 30. The number of musicians who can play the guitar alone is 40. What is the total number of those who can play violin alone or flute alone ?

- (a) 45
- (b) 44
- (c) 38
- (d) 30

Q149. Which of the following can be inferred from the statement that 'Either John is stupid or John is lazy' ?

- I. John is lazy / therefore, John is not stupid.
- II. John is not lazy / therefore, John is stupid.
- III. John is not stupid / therefore, John is lazy.
- IV. John is stupid / therefore, John is not lazy.

Choose the correct answer from the codes given below :

Codes :

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

Q150. A person earns Rs. 2000 per month over and above his salary as additional charge allowance. However, 30% of this additional income will be deducted as additional income-tax at source. If the person would deposit Rs. 1000 per month on a long-term saving fetching 12% interest his tax liability on the additional allowance would reduce to 10%. What is the effective interest for this person for money invested in the long-term savings scheme ?

- (a) 12%

(b) 18%

(c) 19%

(d) 20%

Answers - 1995 UPSC Civil Services / IAS Preliminary General Studies

1. B	2. D	3. D	4. A	5. C	6. A	7. C	8. B	9. C	10. D
11. A	12. D	13. A	14. C	15. A	16. A	17. A	18. B	19. A	20. C
21. D	22. D	23. D	24. C	25. B	26. A	27. D	28. D	29. D	30. A
31. D	32. A	33. D	34. C	35. A	36. D	37. C	38. A	39. D	40. A
41. D	42. D	43. C	44. B	45. A	46. D	47. C	48. A	49. D	50. A
51. D	52. C	53. C	54. C	55. D	56. D	57. B	58. D	59. D	60. D
61. C	62. C	63. A	64. B	65. B	66. D	67. D	68. C	69. D	70. C
71. D	72. C	73. A	74. D	75. D	76. A	77. A	78. A	79. D	80. C
81. B	82. A	83. B	84. A	85. B	86. B	87. B	88. C	89. A	90. C
91. D	92. D	93. B	94. C	95. D	96. A	97. C	98. D	99. D	100. D
101. B	102. B	103. D	104. D	105. C	106. D	107. C	108. C	109. D	110. A
111. C	112. A	113. C	114. D	115. B	116. B	117. C	118. D	119. C	120. B
121. A	122. D	123. D	124. D	125. D	126. A	127. D	128. D	129. A	130. A
131. B	132. B	133. D	134. B	135. C	136. C	137. C	138. C	139. D	140. D
141. D	142. C	143. B	144. D	145. A	146. B	147. C	148. B	149. B	150. B

