General Awareness

Solved paper of Combined Defence Services Exam held in August 2001

- 1. The famous Jain scholar Hemachandra was patronized by:
 - (a) Amoghavarsha
 - (b) Chandragupta Maurya
 - (c) Dharmapala
 - (d) Kumarapala Chalukya
- 2. Match List I (Tribe) with List II (State) and select the correct answer using the codes given below the lists:

| L1St I | | L1: | St 11 |
|-----------|-----------|-----------|-----------|
| (Tribe) | | (S | tate) |
| A. Garo | | 1. Na | galand |
| B. Lushai | | | ghalaya |
| C. Miri | | 3. Mi | zoram |
| D. Lotha | | 4. As | sam |
| Codes: | | | |
| A | В | C | D |
| (a) 4 | 3 | 2 | 1 |
| (b) 2 | 1 | 4 | 3 |
| (c) 4 | 1 | 2 | 3 |
| (d) 2 | 3 | 4 | 1 |
| | one of th | e followi | ng metals |

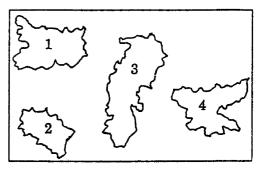
- 3. Which one of the following metals has the highest density?
 - (a) Gold
- (b) Iron
- (c) Platinum
- (d) Lead
- 4. Match List I (Sports person) with List II (Sport/Game) and select the correct answer using the codes given below the lists:

| | List I | | | List II | |
|-------|-----------|--------|-----------|-------------|--------|
| (S) | ports per | son) | | (Sport/Game |) |
| A. A | rjun Sin | gh | | 1. Car Raci | ng |
| B. Ba | aichung | Bhutia | | 2. Golf | |
| | arain Ka | | yan | 3. Football | |
| D. St | ubraman | ium R | aman | 4. Table Te | nnis |
| Code | es: | | | | |
| | A | В | C | D | |
| (a) | 2 | 3 | 1 | 4 | |
| (b) | 4 | 3 | 1 | 2 | |
| (c) | 2 | 1 | 3 | 4 | |
| (d) | 4 | 1 | 3 | 2 | |
| , 5 T | amos Ho | ckman | and Danie | al McFaddon | won th |

- 5. James Heckman and Daniel McFadden won the 2000 Nobel Prize in:
 - (a) Chemistry
- (b) Economics
- (c) Physics
- (d) Literature
- 6. The shapes of four Indian States are shown in the given figures as 1, 2, 3 and 4. These States are:
 - (a) Chattisgarh
- (b) Jharkhand

(c) Bihar

(d) Uttaranchal



Match the given shapes with the States using the codes given below:

Codes:

| | Α | В | C | D |
|-----|---|---|---|---|
| (a) | 1 | 2 | 3 | 4 |
| (b) | 3 | 4 | 1 | 2 |
| (c) | 1 | 4 | 3 | 2 |
| (d) | 3 | 2 | 1 | 4 |

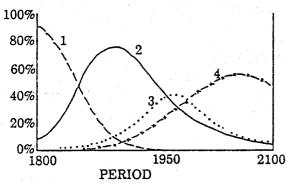
7. A homogeneous solid floats in water with 60% of its body above the water level. The specific gravity of the material of the solid is:

(a)
$$\frac{2}{3}$$
 (b) $\frac{2}{5}$ (c) $\frac{3}{2}$ (d) $\frac{3}{5}$

- 8. When a mixture of water gas $(CO + H_2)$ and excess hydrogen are passed over heated cobalt or nickel, a mixture of hydrocarbons and water are produced. This is known as:
 - (a) Bayer Process
- (b) Bergius Process
- (c) Fischer-Tropsch Process (d) Oxo Process
- 9. Leaf tendrils are found in:
- (a) Sweet Pea
- (b) Morning Glory
- (c) Grape Vine
- (d) Ivy
- 10. With reference to the Central Government programmes, 'Golden Quadrangle Project' aims at the development of:
 - (a) Airways
- (b) Highways
- (c) Rural roads
- (d) State roads
- 11. Muhammad bin Tughlaq's experiment of introducing token currency failed on account of the:
 - (a) rejection of token coins for purchases by foreign merchants
 - (b) melting of token coins
 - (c) large-scale minting of spurious coins
 - (d) poor quality of token currency
- 12. In the world, the trends in the energy consumption in the form of A. Coal, B. Petroleum, C. Natural gas and D. Wood for the period of 1800 A.D. to 2100 A.D. have been

OBJECTIVE-TYPE QUESTIONS

plotted in the given diagram. These trends are marked as 1, 2, 3 and 4.

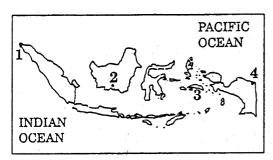


Match the sources of energy with the trends and select the correct answer using the codes given below:

Codes:

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

- 13. Four cities of Indonesia, which were in the news recently, are marked as 1, 2, 3 and 4 in the given map. The cities are:
 - (a) Ambon
- (b) Banda Aceh
- (c) Jayapura
- (d) Sampit



Match these cities with their locations using the codes given below:

Codes:

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

- 14. "Wireless in Local Loop" is associated with:
 - (a) limited roaming facility in telephone service
 - (b) satellite facility to shoot local pictures
 - (c) wireless remote sensing
- (d) wireless radio facility in local areas
- 15. Consider the following statements regarding the functions of liver in human body:
 - 1. Liver produces fibrinogen.

- 2. Liver regulates blood sugar by retaining excess glucose.
 - 3. Liver synthesizes lactase.
 - 4. Liver stores iron.

Which of these statements is/are correct?

- (a) 1 and 3
- (b) 2 only
- (c) 1, 2 and 4
- (d) 1, 3 and 4
- 16. Who issued a *firman* on 12 August, 1765, granting to the English the Diwani of Bengal, Bihar and Orissa?
 - (a) Shah Alam II
- (b) Bahadur Shah

List II

(C:1:--)

(c) Farrukhsiyar

List I

(NIational III alaman)

- (d) Muhammad Shah
- 17. Match List I (*National Highway*) with List II (*Cities*) and select the correct answer using the codes given below the lists:

| (National Highway) | | | (C | ities) | |
|--------------------|-----|---|----------------|-----------|----|
| A. 1 | NH1 | | 1. Del | hi—Kolkat | a |
| B. N | VH2 | | 2. Mumbai—Agra | | |
| C. NH3 | | | 3. Ch | ennai—Tha | ne |
| D. NH4 | | | 4. Del | hi—Amrits | ar |
| Cod | es: | | | | |
| | A | В | C | D | |
| (a) | 3 | 1 | 2 | 4 | |
| (b) | 4 | 2 | 1 | 3 | |
| (c) | 3 | 2 | 1 | 4 | |
| (d) | 4 | 1 | 2 | 3 | |
| | | | | | |

- 18. Consider the following statements: Radioisotopes are used:
- 1. in the diagnosis of certain diseases.
- 2. for determining the age of rocks.
- 3. in radiation therapy.
- 4. for computing the age of very old monuments.

Which of these statements is/are correct?

- (a) 1 and 3
- (b) 2 and 4
- (c) 1, 2, 3 and 4
- (*d*) 1 only
- 19. Which one of the following elements is used in the manufacture of safety matches?
 - (a) Graphite (b) Phosphorus (c) Silicon (d) Sodium
- 20. The rolling plan concept in national planning was introduced during the tenure of Prime Minister:
 - (a) Morarji Desai
- (b) Indira Gandhi
- (c) Rajiv Gandhi
- (d) Chandrasekhar
- 21. Consider the following animals:
- 1. Bat
- 2. Frog
- 3. Hedgehog
- 4. Snake

Which of these are poikilothermic animals?

- (a) 2 and 3 (b) 2 and 4 (c) 1 and 3 (d) 1 and 4
- 22. Which one of the following pairs (of dynasties and their founders) is **not** correctly matched?
 - (a) Slave dynasty
- Balban
- (b) Tughlaq dynasty
- Ghiyasuddin
- (c) Khalji dynasty
- Jalaluddin
- (d) Second Afghan Empire
- Sher Shah Suri

OBJECTIVE-TYPE QUESTIONS

- 23. The largest share of revenue receipts of the State government comes from:
 - (a) Registration fees
 - (b) Land revenue

List I

- (c) General sales tax
- (d) Share of Union excise duty
- 24. Match List I (Literary work) with List II (Author) and select the correct answer using the codes given below the lists:

List II

| (Liter | (Literary work) | | | uthor) | |
|--------------|-----------------|-----------|---------------|--------|--|
| A. <i>G</i> | atha S | Saptasati | 1. Bhadrabahu | | |
| B. <i>M</i> | [ahabh | ashya | 2. Hala | | |
| C. K | alpasu | ıtra | 3. Sarvarman | | |
| D. <i>K</i> | atantr | ra | 4. Patanjali | | |
| Code | es: | | | • | |
| | A | В | C | D | |
| (a) | 2 | 4 | 1 | 3 | |
| (b) | 1 | 3 | 2 | 4 | |
| (c) | 1 | 4 | 2 | 3 | |
| (<i>d</i>) | 2 | 3 | 1 | 4 | |

25. Match List I (Urban Centre) with List II (Product) and select the correct answer using the codes given below the lists: List I List II

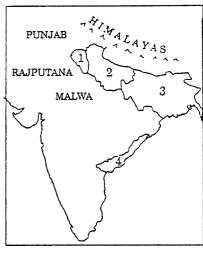
| (Urban Centre) | (Product) |
|----------------|------------------------------|
| A. Ahmedabad | Handloom |
| B. Gwalior | 2. Woollen Textiles |
| C. Bangalore | 3. Cotton Textiles |
| D. Coimbatore | 4. Silk Textiles |
| Codes: | |
| A D | C D |

| Coa | es: | | | |
|-----|-----|---|---|---|
| | A | В | C | D |
| (a) | 3 | 1 | 4 | 2 |
| (b) | 4 | 2 | 3 | 1 |
| (c) | 4 | 1 | 3 | 2 |
| (d) | 3 | 2 | 4 | 1 |

- 26. Lead paintings and lead articles when exposed to atmosphere turn black due to reaction with:
 - (a) Carbon dioxide
- (b) Hydrogen sulphide
- (c) Oxygen
- (d) Sulphur dioxide
- 27. Which one of the following Constitutional Amendments bans floor crossing by a Member elected on a party ticket to a Legislature?
 - (a) 52nd
- (b) 54th
- (c) 56th
- 28. The bacterial cell wall is composed of layers of:
- (a) Peptidoglycan
- (b) Phospholipid

(d) 58th

- (c) Chitin
- (d) Cellulose
- 29. Which one of the following is the first companymanaged major port in India?
 - (a) Cochin
- (b) Ennore
- (c) Tuticorin
- (d) Visakhapatnam
- 30. Babur came to India originally from:
 - (a) Ferghana
- (b) Khiva
- (c) Khorasan
- (d) Seistan
- 31. Four territories in India in the time of Clive and Warren Hastings are marked in the given map as 1, 2, 3 and 4. Which one of them was known as "Northern Circars"?



- (a) 1
- (b) 2
- (c) 3
- (d) 4
- 32. India earns the maximum foreign exchange from:
- (a) Textiles
- (b) Gems and Jewellery
- (c) Chemicals and related products
- (d) Agriculture and allied products
- 33. During the Indian freedom struggle, an unarmed large crowd gathered in the Jallianwala Bagh at Amritsar on 13th April 1919 to protest against the arrest of:
 - (a) Dr Saifuddin Kitchlu and Dr Satyapal
 - (b) Swami Shraddhanand and Mazhar-ul-Haq
 - (c) Madan Mohan Malaviya and Mohammed Ali Jinnah
 - (d) Mahatma Gandhi and Abul Kalam Azad
 - 34. Consider the following statements:
 - 1. Tropical cyclones have circular isobars.
 - 2. Tropical cyclones originate entirely within tropical air mass.
 - 3. The intensity and magnitude of hurricanes generally exceed those of typhoons.
 - 4. Tropical cyclones are more destructive than the western disturbances.

Select the correct answer by using the following codes: Codes:

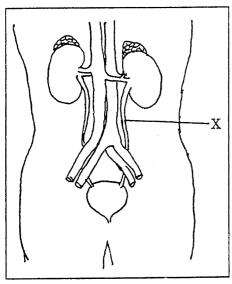
- (a) 1, 2 and 4
- (b) 1 only
- (c) 2 and 3
- (d) 3 and 4
- 35. The chance of a vehicle to overturn while negotiating a circular path depends on:
 - (a) speed of the vehicle only
 - (b) radius of the circular path only
 - (c) speed and height of the vehicle; and radius of the circular path
 - (d) height of the vehicle only
- 36. "It is impossible to make an exact measurement of both the position and momentum of a particle on the atomic scale." Who proposed this?
 - (a) Einstein
- (b) Heisenberg
- (c) Pauli
- (d) Schrodinger

OBJECTIVE-TYPE QUESTIONS

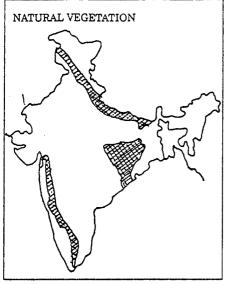
- 37. The First Five-Year Plan was submitted to the Parliament in:
 - (*a*) 1948 (*b*) 1950 (*c*) 1952 38. Ms Amrita Pritam is a:
 - (a) journalist
- (b) litterateur

(d) 1954

- (c) musician
- (d) industrialist
- 39. In the given figure of human anatomy, the part marked
- 'X' is:



- (a) Urethra
- (b) Ureter
- (c) Ductus deferens
- (d) Nephron
- 40. The shaded areas in the given map show the distribution of:



- (a) Dry tropical deciduous forest
- (b) Evergreen forest
- (c) Moist tropical deciduous forest
- (d) Alpine forest
- 41. The main constituent of cosmic rays is:
- (a) high energy proton
- (b) high energy electron

- (c) high energy infra-red radiation
- (d) high energy ultraviolet rays
- 42. A new chapter IV A on Fundamental Duties was inserted in the Indian Constitution in:
 - (a) 1972
- (b) 1976
- (c) 1980
- (d) 1984
- 43. Match List I (*Continent*) with List II (% *of population* with more than 65 years of age) and select the correct answer using the codes given below the lists:

| O | т. | , , | | T ' . TT | |
|--------------|--------|-------------|---------|----------------|-------------|
| | Lis | t I | | List II | |
| (| Conti | nent) | (% | of population | n with |
| | | | mo | re than 65 yea | ars of age) |
| A. | Africa | ì | | 1. 15 | |
| В. | Asia | | | 2. 10 | |
| C. | Austr | alia | | 3. 06 | |
| D. | Europ | e | | 4. 03 | |
| | • | | | 5. 12 | |
| Coc | des: | | | | |
| | A | В | C | D | |
| (a) | 4 | 3 | 2 | 1 | |
| (b) | 1 | 2 | 5 | 4 | |
| (c) | 4 | 2 | 5 | 1 | |
| (<i>d</i>) | 1 | 3 | 2 | 4 | |
| 44. | The | Indian Nati | onal Ar | my (I.N.A.) | came into |
| existenc | e in: | | | | |



45. The dotted region in the given map shows:

(a) Baguios

(a) Burma

(c) Malaysia

(b) Cyclones

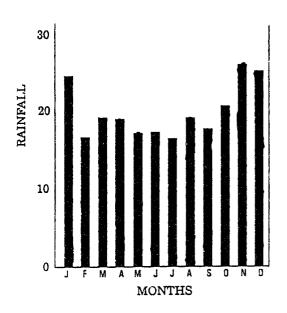
(b) Japan(d) Singapore

- (c) Hurricanes
- (d) Typhoons
- 46. The famous sportsman Michael Jordan is associated with:
 - (a) Athletics
- (b) Tennis

(c) Golf

- (d) Basketball
- 47. The rise of a liquid in a capillary tube is due to:
- (a) diffusion
- (b) osmosis
- (c) surface tension
- (d) viscosity
- 48. The mean monthly rainfall given in the diagram pertains to:

OBJECTIVE-TYPE QUESTIONS



- (a) Cherapunji
- (b) Colombo
- (c) Darwin
- (d) Singaproe
- 49. When white light undergoes dispersion by a prism, the colour that suffers minimum deviation is:
 - (a) Green
- (*b*) Red
- (c) Violet

List I

(d) Yellow

List II

50. Match List I (Alloy) with List II (Composition) and select the correct answer using the codes given below the lists:

| (Alloy) | | | | (Con | nposition) | |
|---------|------|-------|----------|--------|----------------|-------|
| | A. I | Brass | | 1. Cop | per, Zinc, Tin | |
| | B. E | Bronz | æ | 2. Cop | per, Aluminiur | n, |
| | | | | Ma | gnesium, Mang | anese |
| | C. I | Dural | lumin | 3. Cop | pper, Tin | |
| | D. 1 | Mone | el Metal | | per, Nickel | |
| | | | | | pper, Zinc | |
| | Cod | es: | | | • | |
| | | A | В | C | D | |
| | (a) | 5 | 4 | 2 | 3 | |
| | (b) | 2 | 3 | 1 | 4 | |
| | (c) | 5 | 3 | 2 | 4 | |
| | (d) | 2 | 4 | 1 | 3 | |
| | | | | | | |

- 51. Which one of the following statements related to India Millennium Deposit (IMD) scheme is *not* correct?
 - (a) The IMD scheme was launched by SBI
 - (b) It was meant for NRIs and Overseas Corporate Bodies under the control of NRIs
 - (c) It is exempt from Gift Tax, Income Tax and Wealth
 - (d) It is fully tradable in secondary market
- 52. Match List I (Wildlife Sanctuaries) with List II (States) and select the correct answer using the codes given below the lists:

| List I | List II |
|------------------------|-------------------|
| (Wildlife Sanctuaries) | (States) |
| A. Kanha | 1. Orissa |
| B. Simlipal | 2. Madhya Pradesh |
| C. Tal Chapper | 3. Gujarat |
| D. Nal Sarovar | 4. Rajasthan |
| | 5. Maharashtra |

Codes:

| | A | В | C | D |
|-----|---|---|---|---|
| (a) | 2 | 1 | 4 | 3 |
| (b) | 3 | 5 | 1 | 2 |
| (c) | 2 | 5 | 1 | 3 |
| (d) | 3 | 1 | 4 | 2 |

- 53. The new States of Meghalaya, Manipur and Tripura were created in:
 - (a) 1970 (b) 1971 (c) 1972 (d) 1973
- 54. The contact of two air masses differing sharply in humidity originates:
 - (a) tropical cyclones
 - (b) inter-tropical convergence
 - (c) temperate cyclones
 - (d) tropospheric instability
- 55. Foreign Direct Investment inflows into India peaked during the three-year period:
 - (a) 1991-92 to 1993-94
 - (b) 1993-94 to 1995-96
 - (c) 1994-95 to 1996-97
 - (d) 1996-97 to 1998-99
- 56. Match List I (Type of Waves) with List II (Their Application) and select the correct answer using the codes given below the lister

| low the lists: | | | | |
|--|------------|-------|-------------------------|--|
| List I | | | List II | |
| (Type of W | Javes) | | (Their Application) | |
| A. Matter | Waves | | 1. Surgery using Lasers | |
| B. Electron | nagnetic V | Vaves | 2. Acoustic Radar | |
| C. Elastic V | Waves | | 3. Electron Microscope | |
| D. Longitudinal Waves | | | 4. Musical Instruments | |
| Codes: | | | | |
| A | В | C | D | |
| (<i>a</i>) 3 | 1 | 4 | 2 | |
| (<i>b</i>) 1 | 3 | 4 | 2 | |
| (c) 3 | 1 | 2 | 4 | |
| (d) 1 | 3 | 2 | 4 | |
| 57. Consider the following statements: | | | | |

- - 1. India is the largest exporter of cashewnuts in the world.
 - 2. India accounts for nearly 57 per cent of the world's buffalo population.
 - 3. India ranks fourth in the world production of natural rubber.
 - 4. India ranks first in the world production of both mango and banana.

Which of these statements is/are correct?

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

OBJECTIVE-TYPE QUESTIONS

- 58. In which part of the living cell, does Krebs' Cycle operate?
 - (a) Chloroplast
- (b) Leucoplast
- (c) Mitochondrial matrix
- (d) Nucleosome
- 59. Who among the following authored the book "Plain Speaking"?
 - (a) A.B. Vajpayee
- (b) E.K. Nayanar
- (c) L.K. Advani
- (d) N. Chandrababu Naidu
- 60. The presence of antiparticle was first theoretically proposed by:
 - (a) Abdus Salam
- (b) John Dalton
- (c) P.A.M. Dirac
- (d) R.P. Feynman
- 61. Match List I (*Local wind*) with List II (*Country*) and select the correct answer using the codes given below the lists:

| List I | | List II | | | |
|--|-----|-----------|--------------|--|--|
| (Local wind |) | (Country) | | | |
| A. Chili | | | 1. Russia | | |
| B. Brickfield | ler | | 2. Australia | | |
| C. Khamsin | | | 3. Tunisia | | |
| D. Purga | | | 4. Egypt | | |
| Codes: | | | 07.1 | | |
| A | В | C | D | | |
| (a) 3 | 4 | 2 | 1 | | |
| (b) 1 | 2 | 4 | 3 | | |
| (c) 1 | 4 | 2 | 3 | | |
| (d) 3 2 4 1 | | | | | |
| 62. Consider the following statements: | | | | | |

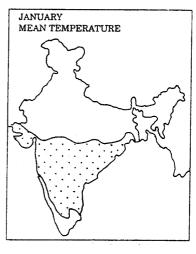
The pitch of the sound produced by a stringed musical instrument can be increased by:

- 1. decreasing the length of the string.
- 2. increasing the tension of the string.
- 3. increasing the length of the string.
- 4. decreasing the tension of the string.

Which of these statements is/are correct?

(a) 1 and 2

- (b) 1 only
- (*c*) 3 only
- (d) 3 and 4
- 63. The name of the Aspirin used as pain reliever is the Chemical name of:
 - (a) Acetyl salicylate (b) Acetyl salicylic acid
 - (c) Methyl salicylate (d) Methyl salicylic acid
 - 64. The milk looks white because it:
 - (a) absorbs light
 - (b) contains proteins
 - (c) contains sugars
 - (d) reflects the incident light
- 65. Which one of the following was the result of the third Buddhist Council in ancient India?
 - (a) Adoption of Vinaya Pitaka
 - (b) Compilation of Abhidhamma Pitaka
 - (c) Permanent split of Buddhist Church into Sthaviras and Mahasanghikas
 - (d) Composition of commentaries known as Vibhashas
- 66. The dotted area in the given map of India has the mean monthly temperature of January between:



- (a) 10 to 15°C
- (b) 15 to 20°C
- (c) 20 to 25°C
- (d) 25 to 30°C
- 67. When a thin film of oil is spread over water at rest, coloured bands are observed. This is the result of the phenomenon of:
 - (a) dispersion
- (b) interference
- (c) polarization
- (d) scattering
- 68. Who of the following ladies were Chief Ministers?
 - 1. Janaki Ramachandran
- 2. Nandini Satpaty
- 3. Rajinder Kaur Bhattal
- 4. Syeda Anwara Taimur

Select the correct answer using the following codes:

Codes:

- (a) 1 and 4
- (b) 2 and 3
- (c) 1 and 3
- (d) 1, 2, 3 and 4
- 69. Which one of the following statements relating to India's external debt during the decade of 90s is *not* correct?
 - (a) Total external debt as a proportion of GDP has been on decline
 - (b) Short term debt (with an original maturity of upto one year) as proportion of total debt has been on decline
 - (c) The concessional debt as proportion of total debt has been on increase
 - (*d*) The debt service payments as a proportion of current receipts have been on decline during the decade
 - 70. Which one of the following is a fresh water fish?
 - (a) Pomfret (b) Rohu (c) Sardine (d) Salmon
- 71. Match List I with List II and select the correct answer using the codes given below the lists:

| List I | List II |
|--------------------------|----------------|
| (Name of the Governor | (Year in which |
| General of India) | appointed) |
| A. Lord Cornwallis | 1. 1786 |
| B. Lord Dalhousie | 2. 1798 |
| C. Lord Mornington | 3. 1828 |
| (Wellesley) | |
| D. Lord William Bentinel | k 4. 1848 |

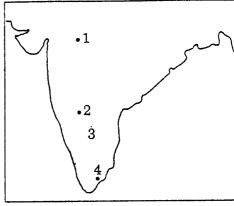
OBJECTIVE-TYPE QUESTIONS

| Coc | les: | | | |
|-----|------|---|---|---|
| | A | В | C | D |
| (a) | 3 | 4 | 2 | 1 |
| (b) | 1 | 2 | 4 | 3 |
| (c) | 3 | 2 | 4 | 1 |
| (d) | 1 | 4 | 2 | 3 |

- 72. The new alluvial deposits found in the Gangetic plain are known as:
 - (a) Bhabar (b) Bhangar (c) Khadar (d) Terai
- 73. The first State to have electronic voting machines for its Assembly Elections is:
 - (a) Goa
 - (b) Punjab
 - (c) Delhi
 - (d) Andhra Pradesh
- 74. Which one of the following books was written by Jayadeva?
 - (a) Atma Bodha
 - (b) Buddha Charita
 - (c) Gita-Govinda
 - (d) Rajatarangini
 - 75. Brihadeswara temple is located at:
 - (a) Tanjore
- (b) Mysore
- (c) Madurai
- (d) Halebid
- 76. Which of the following is the largest island?
 - (a) Sumatra
- (b) Madagascar
- (*c*) Honshu (*d*) Cuba 77. Core of a transformer is made up of:
 - (a) Soft iron
- (b) Steel
- (c) Copper
- (d) Aluminium
- 78. Which one of the following vitamins contains cobalt?
 - (a) Vitamin B,
- (b) Vitamin B,
- (c) Vitamin B
- (d) Vitamin B_{12}
- 79. Which one of the following States is the largest producer of coffee?
 - (a) Karnataka
 - (b) Kerala
 - (c) Assam
 - (d) Arunachal Pradesh
 - 80. Saffron is dried
 - (a) flower buds
 - (b) styles
 - (c) perianth
 - (d) stigmas
- 81. Four historical places of ancient India have been marked in the given map as 1, 2, 3 and 4.

The names of the places are:

- (a) Bagh
- (b) Korkai
- (c) Somnathpur
- (d) Sringeri



-Match them using the codes given below:

Codes:

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

82. Which one of the following plants is useful in treating hypertension?

- (a) Cinchona (b) Ocimum (c) Rauwolfia (d) Vinca 83. Who among the following Chola kings reigned as Kulottung Chola I?
 - (a) Vikramaditya I
- (b) Vikramaditya II
- (c) Rajaraja Narendra I
- (d) Rajendra III
- 84. Consider the following substances:
- 1. Prothrombin
- 2. Calcium
- 3. Vitamin K
- 4. Actin

Which of these is/are required for the coagulation of blood?

(a) 1 and 3 (b) 2 only (c) 4 only (d) 1, 2 and 3 85. In which one of the industries is pure silicon used? (a) Electronics (b) Paint (c) Pharmaceutical (d) Textile

| <i>(u)</i> | Electronics | (v) rant | (0) | Filamilaceutical | (a) Textile | | |
|------------------|------------------|------------|--------------|------------------|------------------|--|--|
| | ANSWERS | | | | | | |
| 1. (d) | 2. (<i>d</i>) | 3. | (a) | 4. (a) | 5. (b) | | |
| 6. <i>(d)</i> | 7. <i>(a)</i> | 8. | (c) | 9. <i>(a)</i> | 10. <i>(c)</i> | | |
| 11. <i>(c)</i> | 12. <i>(a)</i> | 13. | (b) | 14. (a) | 15. <i>(a)</i> | | |
| 16. (<i>a</i>) | 17. (<i>d</i>) | 18. | (b) | 19. (b) | 20. (b) | | |
| 21. (a) | 22. <i>(d)</i> | 23. | (<i>d</i>) | 24. (a) | 25. (<i>d</i>) | | |
| 26. (<i>d</i>) | 27. (<i>a</i>) | 28. | (<i>d</i>) | 29. (<i>a</i>) | 30. (<i>a</i>) | | |
| 31. (<i>c</i>) | 32. <i>(a)</i> | 33. | (a) | 34. <i>(a)</i> | 35. <i>(c)</i> | | |
| 36. (<i>b</i>) | 37. (<i>b</i>) | (It was la | uno | ched in 1951) | 38. (b) | | |
| 39. (b) | 40. (b) | 41. | (c) | 42. (b) | 43. (<i>a</i>) | | |
| 44. (<i>d</i>) | 45. (<i>c</i>) | 46. | (a) | 47. (b) | 48. (a) | | |
| 49. (c) | 50. (<i>c</i>) | 51. | (c) | 52. (<i>a</i>) | 53. (<i>c</i>) | | |
| 54. (b) | 55. (<i>a</i>) | 56. | (<i>d</i>) | 57. (a) | 58. (<i>a</i>) | | |
| 59. (b) | 60. (<i>a</i>) | 61. | (<i>d</i>) | 62. (<i>a</i>) | 63. (<i>a</i>) | | |
| 64. (<i>d</i>) | 65. (b) | 66. | (<i>d</i>) | 67. (a) | 68. (b) | | |
| 69. (<i>d</i>) | 70. (b) | 71. | (<i>d</i>) | 72. (b) | 73. <i>(a)</i> | | |
| 74. (c) | 75. (<i>a</i>) | 76. | (b) | 77. (a) | 78. (<i>d</i>) | | |
| 79. (a) | 80. (<i>d</i>) | 81. | (<i>d</i>) | 82. <i>(c)</i> | 83. <i>(d)</i> | | |
| 84. (a) | 85. <i>(a)</i> | | | | | | |