

Time Allowed : 2 Hours

M.M. : 100

Important Instructions :

1. This Test Booklet contains **100** items (questions). Each item comprises four responses (answers). You will select the response which you want to mark on the Answer Sheet. In case you feel that there is more than one correct response, mark the response which you consider the best. In any case, choose **ONLY ONE** response for each item.
2. You have to mark all your responses **ONLY** on the separate Answer Sheet provided. See directions in the Answer Sheet.
3. **All** items carry equal marks.
4. **Penalty for wrong answers :**
THERE WILL BE PENALTY FOR WRONG ANSWERS MARKED BY A CANDIDATE IN THE OBJECTIVE TYPE QUESTION PAPERS.
 - (i) There are four alternatives for the answer to every question. For each question for which a wrong answer has been given by the candidate, **one-third** (0.33) of the marks assigned to that question will be deducted as penalty.
 - (ii) If a candidate gives more than one answer, it will be treated as a **wrong answer** even if one of the given answers happens to be correct and there will be same penalty as above to that question.
 - (iii) If a question is left blank, i.e., no answer is given by the candidate, there will be no penalty for that question.

1. Polynucleotide chain of DNA contains
 - (a) a nitrogenous base, deoxyribose sugar and phosphate group.
 - (b) a nitrogenous base, ribose sugar and phosphate group.
 - (c) deoxyribose sugar, ribose sugar and phosphate group.
 - (d) a nitrogenous base and phosphate group only.
2. The process of copying genetic information from one strand of DNA into RNA is termed as
 - (a) translation
 - (b) transcription
 - (c) replication
 - (d) mutation
3. AIDS is caused by the Human Immuno-deficiency Virus (HIV). The transmission of HIV infection generally occurs through
 - (a) eating contaminated food and water.
 - (b) transfusion of contaminated blood and blood products.
 - (c) inhaling polluted air.
 - (d) shaking hand with infected person.
4. In human body, the cell growth and differentiation are highly controlled and regulated, but in cancer cells
 - (a) there is breakdown of these regulatory mechanisms leading to formation of benign and malignant tumors.
 - (b) controlled cell division and over-production of genetic material occur.
 - (c) RNA is mutated and produced in less amount.
 - (d) DNA is mutated and produced in, less amount.
5. Most viruses that infect plants possess
 - (a) single-stranded DNA
 - (b) single-stranded RNA
 - (c) double-stranded DNA and RNA
 - (d) double-stranded RNA only
6. Syngamy results in formation of
 - (a) haploid zygote
 - (b) diploid zygote
 - (c) non-motile male gametes
 - (d) motile male gametes
7. Bleeding of gums, falling of teeth, fragile bones and delayed wound healing occur due to the deficiency of which one of the following vitamins ?
 - (a) Vitamin C
 - (b) Vitamin K
 - (c) Vitamin D
 - (d) Vitamin B
8. When a piece of pure silicon is doped with aluminium, then
 - (a) the conductivity of the doped silicon piece will remain the same.
 - (b) the doped silicon piece will become *n*-type.

- (c) the doped silicon piece will become *p*-type.
 (d) the resistivity of the doped silicon piece will increase.
9. Suppose voltage *V* is applied across a resistance *R* and the power dissipated in the resistance is *P*. Now the same voltage *V* is applied across a parallel combination of three equal resistors each of resistance *R*. Then the power dissipated in the second case will be
 (a) *P* (b) $3P$
 (c) $P/3$ (d) $2P/3$
10. Which one of the following is **not** a semi-conductor ?
 (a) Silicon (b) Germanium
 (c) Quartz (d) Gallium arsenide
11. A parallel-plate capacitor, with air in between the plates, has capacitance *C*. Now the space between the two plates of the capacitor is filled with a dielectric of dielectric constant 7. Then the value of the capacitance will become
 (a) *C* (b) $\frac{C}{7}$
 (c) $7C$ (d) $14C$
12. For which one of the following does the centre of mass lie outside the body ?
 (a) A fountain pen (b) A cricket ball
 (c) A ring (d) A book
13. Which one of the following is a physical change?
 (a) Burning of coal
 (b) Burning of wood
 (c) Heating of a platinum crucible
 (d) Heating of potassium chlorate
14. The pH value of a sample of multiple-distilled water is
 (a) zero (b) 14
 (c) very near to zero (d) very near to seven
15. Which one of the following is the most characteristic property of an element ?
 (a) Density (b) Boiling point
 (c) Mass number (d) Atomic number
16. There are two elements calcium (atomic number 20) and argon (atomic number 18), The mass number of both the elements is 40. They are therefore known as
 (a) isotones (b) isochores
 (c) isobars (d) isotopes
17. 'Plum Pudding Model' for an atom was proposed by
 (a) Antoine Lavoisier (b) Robert Boyle
 (c) Ernest Rutherford (d) J.J. Thomson
18. What is the number of atoms in 46 g of sodium-23 (*N* = Avogadro constant) ?
 (a) $N/2$ (b) *N*
 (c) $2N$ (d) $23N$
19. Which of the following statements is correct ?
 For the purpose of Census 2011
 (a) a person aged seven and above who can both read and write with understanding in any language is treated as a literate.
 (b) a person aged eight and above who can both read and write with understanding in any language is treated as a literate.
 (c) a person aged nine and above who can both read and write with understanding in any language is treated as a literate.
 (d) a person aged ten and above who can both read and write with understanding in any language is treated as a literate.
20. In which one of the following States is Loktak Lake situated ?
 (a) Sikkim (b) Himachal Pradesh
 (c) Manipur (d) Meghalaya
21. The ratio of gross cropped area to the net sown area is called
 (a) cropping intensity
 (b) intensity of crop rotation
 (c) crop productivity
 (d) cropping diversity
22. Which one of the following is the correct sequence of occurrences of rivers from Chennai to Kolkata when travelled by road (shortest distance) ?
 (a) Krishna, Kaveri, Godavari, Mahanadi, Subarnarekha
 (b) Krishna, Periyar, Godavari, Mahanadi, Subarnarekha
 (c) Penneru, Krishna, Godavari, Mahanadi, Subarnarekha
 (d) Penneru, Mahanadi, Subarnarekha, Godavari, Krishna
23. Which one of the following statements with regard to volcanoes is **not** correct ?
 (a) Stratovolcanoes produce lava flows that initially follow valleys but are highly resistant to erosion.

- (b) The surrounding areas can remain highlands, lava ridges or mesas.
- (c) Hawaiian shield volcanoes are eroded by streams that form deeply carved valleys with steeply sloping heads.
- (d) The system of streams on a dissected volcano cone is not a radial drainage pattern.
24. Kwashiorkor disease in children is caused by
- (a) sufficient carbohydrate but less fats in diet.
- (b) sufficient carbohydrates and fats but deficient proteins in diet.
- (c) sufficient vitamins but deficient fats in diet.
- (d) sufficient fats vitamins in diet.
25. The mammalian heart is myogenic and it is regulated by nerves. The heartbeat originates from
- (a) sinoatrial node
- (b) QRS wave
- (c) T wave
- (d) hepatic portal system
26. The plant growth regulators are small simple molecules of diverse chemical composition. They are
- (a) carbohydrates, fats and proteins
- (b) indole compounds, adenine derivatives, carotenoids and terpenes
- (c) fatty acids, glucose and vitamins
- (d) vitamin C, vitamin D and glucose
27. Consider the electromagnetic radiations having wavelengths 200 nm, 500 nm and 1000 nm. Which wavelength(s) of the following can make visual sensation to a human eye?
- (a) 200 nm and 500 nm
- (b) 500 nm and 1000 nm
- (c) 500 nm only
- (d) 200 nm and 1000 nm
28. A copper wire of radius r and length l has a resistance of R . A second copper wire with radius $2r$ and length l is taken and the two wires are joined in a parallel combination. The resultant resistance of the parallel combination of the two wires will be
- (a) $5R$ (b) $\frac{5}{4}R$
- (c) $\frac{4}{5}R$ (d) $\frac{R}{5}$
29. A parallel-plate capacitor of capacitance C_1 is made using two gold plates. Another parallel-plate capacitor of capacitance C_2 is made using two aluminium plates with same plate separation, and all the four plates are of same area. If ρ_g and ρ_a are respectively the electrical resistivities of gold and aluminium, then which one of the following relations is correct?
- (a) $C_1 > C_2$ (b) $C_2 > C_1$
- (c) $C_1\rho_a = C_2\rho_g$ (d) $C_1 = C_2$
30. A photon of X-ray has energy of 1 keV, A photon of visible radiation has energy of 3 eV. In this context, which one of the following statements is **not** correct?
- (a) The wavelength of X-ray photon is less than the wavelength of visible radiation photon.
- (b) Both the photons have different energies.
- (c) The speeds of both the photons in vacuum are different.
- (d) The frequency of X-ray photon is higher than the frequency of visible radiation photon.
31. The optical phenomenon that is primarily responsible for the observation of rainbow on a rainy day is
- (a) diffraction (b) interference
- (c) dispersion (d) reflection
32. With regard to 'Project Tiger', which one of the following statements is **not** correct?
- (a) It was launched in India in the year 1973.
- (b) The objective of the Project is to preserve the habitats and tigers therein as natural heritage.
- (c) The Project emphasized to ensure viable population of tigers in India.
- (d) There are no Tiger Reserves in north-eastern part of India.
33. Which one of the following is **not** a biosphere reserve of India?
- (a) Agasthyamalai (b) Nokrek
- (c) Great Nicobar (d) Great Himalayan
34. Which one of the following statements with regard to the Indian Railways is **not** correct ?
- (a) The Indian rail networks have been developed throughout the Konkan coast.
- (b) There is very low density of railway lines in the Himalayan region.
- (c) The north Indian plain has a dense network of railway.
- (d) At present, India has the largest railway network in the world.

35. Which of the following statements with regard to the Mediterranean agriculture is/are correct?
1. The Mediterranean agriculture is highly specialized commercial agriculture.
 2. It is intensive subsistence agriculture dominated by wet paddy cultivation.
 3. It is a primitive subsistence agriculture.
 4. Viticulture is a speciality of the Mediterranean region.
- Select the correct answer using the code given below :
- (a) 1 only (b) 2 and 3
(c) 1 and 4 only (d) 1, 3 and 4
36. Which one of the following statements with regard to the winter solstice is correct ?
- (a) The South Pole experiences 24 hours of darkness.
 - (b) It occurs on June 21.
 - (c) The North Pole experiences 24 hours of darkness.
 - (d) The Sun is at aphelion.
37. Tropical evergreen rain forest biome provides optimum environmental conditions for the growth of plants and animals. Which one among the following statements regarding this is **not** correct ?
- (a) It has heavy rainfall and high temperature throughout the year.
 - (b) This biome is also called mega-thermal biome.
 - (c) The evergreen rain forest biome extends between 10° N and 10° S latitudes.
 - (d) The maximum development of this biome has taken place in central and southern California, and north-western coastal lands of Africa.
38. Tsunami waves are the undersea occurrence of earthquake exceeding 7.5 on Richter scale. Which one of the following statements regarding this is **not** correct ?
- (a) It often generates strong waves.
 - (b) The Pacific coasts are most vulnerable to Tsunami waves.
 - (c) Tsunami waves are also called high-energy tidal waves or seismic sea waves
 - (d) Tsunami is a Latin word.
39. Which of the following statements with regard to cloudburst is/are correct?
1. It is defined as sudden localized very heavy downpour with cloud thunder and lightning.
 2. It mostly occurs in the hilly areas.
 3. It results into very high intensity of rainfall, *i.e.*, 250 mm-300 mm in a couple of hours.
 4. It occurs only during daytime.
- Select the correct answer using the code given below :
- (a) 1, 2 and 3 (b) 1, 3 and 4
(c) 2 and 3 only (d) 2 only
40. Which one of the following with regard to Aridisol, one of the soil orders, is not correct?
- (a) Lack of water for plants during most part of the year
 - (b) High organic matter
 - (c) Large accumulation of carbonates at depth
 - (d) Absence of deep wide cracks
41. What is the maximum number of states of matter ?
- (a) Three (b) Four
 - (c) Five (d) Variable
42. The chemical properties of an element depend upon
- (a) the number of isotopes of the element
 - (b) the mass number of the element
 - (c) the total number of neutrons in the element
 - (d) the number of electrons in the outermost shell of the element
43. Which one of the following statements is **not** correct ?
- (a) The cathode rays originate from cathode and proceed towards the anode in a cathode-ray discharge tube.
 - (b) The television picture tubes are nothing but cathode-ray tubes.
 - (c) The cathode rays themselves are not visible.
 - (d) The characteristics of cathode rays depend upon the nature of the gas present in the cathode-ray tube.
44. The molecular mass of sulphuric acid is 98. If 49 g of the acid is dissolved in water to make one litre of solution, what will be the strength of the acid?
- (a) Two normal (b) One normal
 - (c) 0.5 normal (d) Four normal
45. Which one of the following statements with regard to Jet stream, an upper level tropospheric wave, is **not** correct?
- (a) It is a narrow band of high-velocity wind.
 - (b) It follows the wave path near the tropopause at elevations of 8 km to 15 km.

- (c) Jet streams are typically continuous over long distances.
- (d) In summer, the polar front jet achieves its maximum force.
46. The Gulf Stream is a poleward flowing current in the Atlantic Ocean. Which one of the following statements with regard to this is **not** correct ?
- (a) It is similar to the Kuroshio current in the North Pacific Ocean.
- (b) It transports warm, tropical water towards polar region.
- (c) This current is a major factor in weather along the east coast of the USA.
- (d) The warm water of the Gulf Stream sustains the coral reefs of West Pacific Coasts.
47. Which one of the following about sugar industry of Peninsular India is **not** correct ?
- (a) High yield per hectare of sugarcane
- (b) Higher sucrose content
- (c) Long crushing season
- (d) Most of the mills in the Peninsula are located mainly along the east coast
48. 'Rand/ZAR' is the currency of
- (a) Burundi (b) Libya
- (c) Sudan (d) South Africa
49. Which one of the following ports is located on estuary ?
- (a) Kandala (b) Marmagao
- (c) Kolkata-Haldia (d) Tuticorin
50. Which one of the following statements is **not** correct ?
- (a) *Pavo cristatus* is the national bird of India.
- (b) *Nelumbo nucifera Gaertn* is the national flower of India.
- (c) *Ficus benghalensis* is the national tree of India.
- (d) *Mangifera indica* is the national animal of India.
51. Which one of the following statements is correct in relation to the GST Bill passed by the Rajya Sabha in August 2016 ?
- (a) It will replace all central taxes, duties, etc., only by a single tax.
- (b) It will subsume central as well as State taxes, duties, etc.
- (c) GST will be levied on alcoholic liquor for human consumption at a uniform rate of 25 percent.
- (d) Petroleum and petroleum products shall not be subjected to the levy of GST.
52. The sensitive information leaked in August 2016 concerns which one of the following defence platforms of India ?
- (a) Fifth Generation Fighter Aircraft
- (b) Combat Helicopters
- (c) Submarines
- (d) Unmanned Aerial Vehicles
53. How many medals were won by India in 2016 Summer Olympics ?
- (a) One Silver and one Bronze
- (b) Two Gold
- (c) Two Bronze
- (d) None
54. India became a member of which one of the following in 2016 ?
- (a) Non-Proliferation Treaty
- (b) Missile Technology Control Regime
- (c) Nuclear Suppliers Group
- (d) Wassenaar Arrangement
55. India signed an agreement in 2016 to develop a strategic port in one of its neighbouring countries. What is the name of the port ?
- (a) Chabahar (b) Gwadar
- (c) Hambantota (d) Mongla
56. Which option of the following statements is not correct in respect of the South Asian Association for Regional Cooperation (SAARC) ?
- (a) Its Headquarters is located in Kathmandu.
- (b) China is the only country with an Observer status in SAARC.
- (c) The First SAARC Summit was held in Dhaka.
- (d) The Eighteenth SAARC Summit was held in Nepal.
57. Which of the following statements about the Ilbert Bill (1883) is/are correct ?
1. It proposed to grant limited criminal jurisdiction to native officials.
 2. It proposed to grant complete civil and criminal jurisdiction to native officials.
 3. The proposed Bill generated opposition from England's European subjects in India.
 4. In spite of opposition to the Bill, it was passed without any modifications.
- Select the correct answer using the code given below :
- (a) 1 and 2 (b) 2 only
- (c) 1 and 3 (d) 3 and 4

58. Consider the following statements about the Second Five-Year Plan :

1. It was drafted under the leadership of K.N. Raj.
2. It proposed that industries like electricity, railways, steel, machineries and communication could be developed in the public sector.
3. The drafters found balancing industry and agriculture very difficult.
4. The drafters found balancing industry and agriculture really easy.

Which of the statements given above is/are correct ?

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

59. Consider the following statements about the different meanings of 'Swaraj' as articulated by Mahatma Gandhi :

1. Swaraj is intimately linked with Ahimsa (non-violence) and Satyagraha (adherence to truth).
2. Swaraj has two senses—one political and one beyond the realm of politics.
3. Swaraj is something that requires time and patience to acquire.
4. With determination, Swaraj could be obtained easily and quickly.

Which of the statements given above is/are correct ?

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

60. What was/were the formative influence(s) on the philosophy of Mahatma Gandhi ?

1. Gandhiji was influenced by the 18th century Pranami sect that advocated the unity of faiths.
2. Gandhiji was influenced by the theosophists.
3. Gandhiji was an admirer of the writings of Romantics like Wordsworth.

Select the correct answer using the code given below :

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

61. Which of the following statements about the Shiromani Gurudwara Prabandhak Committee (SGPC) are correct ?

1. It began as the political wing of the Singh Sabhas in the late 19th century.

2. It was formed in 1920 as part of the upcoming Akali movement.

3. It was founded to reclaim control of the Sikh shrines from the government manipulated loyalist committees.

4. It formed the Akali Dal to coordinate groups (Jatthas) to reclaim control of the shrines.

Select the correct answer using the code given below :

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

62. Which of the following statements with regard to the speech of Mahatma Gandhi at the opening of the Banaras Hindu University are correct ?

1. He charged the Indian elite With a lack of concern for the labouring poor.
2. He asserted that our salvation can come only through the farmers.
3. He highlighted the plight of the untouchables.
4. He promised to take up the cause of the mill owners of Ahmedabad.

Select the correct answer using the code given below :

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

63. To be eligible to contest election under the Haryana Panchayati Raj (Amendment) Act, 2015, a candidate should

1. have a functional toilet at home
2. have payment slips of power bills
3. not be a cooperative loan defaulter
4. have studied minimum matriculation irrespective of category

Select the correct answer using the code given below :

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

64. Arrange the following Commissions chronologically on the basis of their date of setting :

1. The Second Administrative Reforms Commission
2. The Eleventh Finance Commission
3. Punchhi Commission
4. Sarkaria Commission

Select the correct answer using the code given below :

- (a) 4, 2, 1, 3 (b) 4, 3, 2, 1
(c) 3, 2, 4, 1 (d) 3, 4, 1, 2
65. Who among the following won a Gold medal for India in Men's Javelin Throw event at the 2016 Rio Paralympic Games ?
- (a) Rinku Hooda
(b) Devendra Jhajharia
(c) Sundar Singh Gurjar
(d) Mariyappan Thangavelu
66. Which of the following statements with regard to Panchayats in India are correct ?
1. Seats in a Panchayat are filled by direct election from the territorial constituencies in the Panchayat area.
 2. The Gram Sabha is the body of persons registered in the electoral rolls relating to a village within the Panchayat area.
 3. The Panchayats work on the principle of constitutional autonomy.
 4. The State Legislature may by law endow the Panchayats with the power and authority to enable them to function.

Select the correct answer using the code given below.

- (a) 1, 2 and 3 (b) 2, 3 and 4
(c) 1, 2 and 4 (d) 1 and 4 only
67. Which of the following statements regarding Indian federal system is/are correct ?
1. All States have equal representation in the Rajya Sabha.
 2. Consent of a State is not required for altering its boundaries.
 3. There is no dual citizenship in India.
- Select the correct answer using the code given below :
- (a) 1, 2 and 3 (b) 2 and 3 only
(c) 1 and 3 only (d) 2 only
68. Which of the following are the powers of the Supreme Court of India?
1. Original jurisdiction in a dispute between the Government of India and one or more States
 2. The power to hear appeals from the High Courts
 3. Passing decrees and orders for doing justice in any matter before it
 4. Render advice to the President of India in matters of law

Select the correct answer using the code given below :

- (a) 1, 2, 3 and 4 (b) 1, 2 and 3 only
(c) 1 and 2 only (d) 3 and 4 only
69. Which one of the following is not a component of Revenue Receipts of the Union Government ?
- (a) Corporate tax receipts
(b) Dividends and profits
(c) Disinvestment receipts
(d) Interest receipts
70. TRIPS Agreement pertains to
- (a) international tariff regime
(b) intellectual property protection
(c) international practices on trade facilitation
(d) international taxation of property
71. The 7.6% growth rate registered by Indian economy during the year 2015-16 is based on
- (a) Gross National Product at market prices
(b) Gross Value Added at constant prices
(c) Gross Domestic Product at market prices
(d) Gross Domestic Product at constant prices
72. Which of the following statements about the Trans-Pacific Partnership (TPP) is/are correct ?
1. The TPP was signed by 12 Pacific Rim nations in the year 2015.
 2. The TPP is likely to be a game-changer in global trade as member countries account for about 40 percent of global GDP.
 3. India is a founder member of TPP.
- Select the correct answer using the code given below :
- (a) 1, 2 and 3 (b) 1 and 2 only
(c) 2 and 3 only (d) 1 only
73. Which of the following statements about Bitcoin is/are correct ?
1. It is a decentralized virtual currency.
 2. It is generated through complex computer software systems.
 3. The Reserve Bank of India recognized it as a legal tender in January 2016.
- Select the correct answer using the code given below :
- (a) 1 only (b) 1 and 2 only
(c) 2 and 3 only (d) 1, 2 and 3
74. Hindustan Aeronautics Limited handed over the first two indigenously designed and manufactured light combat aircrafts to the

- Indian Air Force in 2016. What is the name of these new combat aircrafts ?
 (a) Marut (b) Garud
 (c) Tejas (d) Pushpak
75. Consider the following statement about a famous football player :
 "He was diagnosed with a growth hormone deficiency during his childhood but went on to win three European Golden Shoes in his career."
 Who is that player ?
 (a) Andres Iniesta (b) Lionel Messi
 (c) Cristiano Ronaldo (d) Zinedine Zidane
76. Which of the following statements is/are correct ?
 1. In June 2016, the LIGO group of scientists announced the detection of a second set of gravitational waves.
 2. Gravitational waves were generated due to merger of two black holes at about 1.4 billion light-years distant.
 3. Gravitational waves were inserted due to collision of two white dwarf stars at about 1.4 billion light-years distant.
 Select the correct answer using the code given below :
 (a) 1 only (b) 1 and 2 only
 (c) 2 and 3 only (d) 1, 2 and 3
77. In the year 2016, the Government of India announced a ₹ 6,000 crore special package for the textile and apparel sector to
 1. create one crore jobs within three years
 2. create jobs equally for men and women
 3. provide tax and production incentives for the entrepreneurs
 Select the correct answer using the code given below :
 (a) 1 only (b) 2 and 3 only
 (c) 1 and 3 only (d) 1, 2 and 3
78. Which one of the following is **not** an Inter-Services Establishment ?
 (a) Officers Training Academy
 (b) National Defence Academy
 (c) National Defence College
 (d) Armed Forces Medical College
79. Which one of the following is a Peacetime Gallantry Award ?
 (a) Shaurya Chakra (b) Vir Chakra
 (c) Yudh Seva Medal (d) Param Vir Chakra
80. The Headquarters of the Southern Naval Command of the Indian Navy is located at which one of the following places ?
 (a) Karwar
 (b) Kochi
 (c) Thiruvananthapuram
 (d) Chennai
81. Match List-I with List-II and select the correct answer using the code given below the Lists :
- | List-I
(Act/Event) | List-II
(Year) |
|----------------------------------|-------------------|
| A. Rowlatt Act | 1. 1922 |
| B. Salt March | 2. 1931 |
| C. Chauri Chaura Incident | 3. 1930 |
| D. Second Round Table Conference | 4. 1919 |
- Code :
- | A | B | C | D |
|-------|---|---|---|
| (a) 4 | 3 | 1 | 2 |
| (b) 3 | 1 | 4 | 2 |
| (c) 4 | 3 | 2 | 1 |
| (d) 3 | 4 | 2 | 1 |
82. Consider the following statements about the Salt March :
 1. The Salt March was deliberately ignored by the European media.
 2. The Salt March was widely covered by the American and European press.
 3. The Salt March was the first nationalist activity in which women participated in large numbers.
 4. The Salt March impressed upon the British the urgent need to devolve more power to Indians.
 Which of the statements given above are correct ?
 (a) 1, 2 and 4 (b) 2, 3 and 4
 (c) 3 and 4 only (d) 2 and 3 only
83. In the elections to the provincial legislatures in 1937 in British India
 1. only about 10 to 12 percent of the population had the right to vote.
 2. the untouchables had no right to vote.
 3. the Congress won an absolute majority in five out of eleven provinces.
 4. the Muslim League won more than 80 percent of the seats reserved for Muslims.

- Which of the statements given above are correct ?
- (a) 1, 3 and 4 (b) 1 and 4 only
(c) 1 and 3 only (d) 2, 3 and 4
84. Which of the following statements about the social base of the Arya Samaj in British India is/are correct ?
1. It was located mainly in Punjab and western Uttar Pradesh.
 2. It mainly comprised the trading; castes.
 3. It was much more limited than that of the Brahmo Samaj.
- Select the correct answer using the code given below :
- (a) 1 and 2 only (b) 2 and 3 only
(c) 1 only (d) 1, 2 and 3
85. Who among the following is the author of the book, *A Comparison between Women and Men* ?
- (a) Pandita Ramabai
(b) Sarojini Naidu
(c) Tarabai Shinde
(d) Rameshwari Nehru
86. The fact that the planets move around the Sun, not in circles but in ellipses, was first demonstrated by
- (a) Galileo (b) Martin Luther
(c) Johannes Kepler (d) Copernicus
87. During the mid 19th century Industrial Revolution, the average, life span of workers in Manchester was
- (a) 17 years (b) 30 years
(c) 55 years (d) 62 years
88. George Washington was made the Commander in Chief of the American forces
- (a) in December 1773, after the Boston Tea Party
(b) at the First Continental Congress in September 1774
(c) at the Second Continental Congress in 1775
(d) by the Continental Congress at the Declaration of Independence on 4th July, 1776
89. Alexander Kerensky was
- (a) the head of the Provisional Government in Russia before the October Revolution
(b) a close confidant of Lenin, with whose help the Czar was dethroned
(c) the head of the Czar's army
(d) an advisor of Joseph Stalin
90. The Twelfth Five-Year Plan focussed on inclusive growth. Which of the following were considered as challenges for inclusiveness ?
1. Poverty
 2. Group inequality
 3. Regional imbalance
 4. Unemployment
- Select the correct answer using the code given below :
- (a) 1, 3 and 4 only (b) 1, 2, 3 and 4
(c) 1, 2 and 4 only (d) 2 and 3 only
91. Which of the following statements are correct about 'Saakshar Bharat' scheme ?
1. It is a centrally sponsored scheme which was launched during the Eleventh Five-Year Plan.
 2. The scheme applies to women in particular and disadvantaged groups in general.
 3. The scheme applies to persons above the age of 10 years.
 4. The scheme is anchored with Panchayati Raj Institutions and Local Self-Government.
- Select the correct answer using the code given below :
- (a) 1, 2 and 3 (b) 2, 3 and 4
(c) 1, 2 and 4 (d) 1, 3 and 4
92. BRICS Summit, 2016 was held in
- (a) Brazil (b) China
(c) India (d) South Africa
93. Which country signed a Memorandum of Understanding with India for promoting the production of Pigeon peas/Tur and other pulses in July 2016 ?
- (a) South Africa (b) Syria
(c) Egypt (d) Mozambique
94. Which of the following statements relating to the powers of the President of India is/are correct ?
1. The executive power of the Union shall be vested in the President.
 2. The executive power shall be exercised by the President only through officers subordinate to him.
 3. The supreme command of the defence forces of the Union shall be vested in the President.
- Select the correct answer using the code given below :

- (a) 1, 2 and 3 (b) 1 and 2 only
(c) 1 and 3 only (d) 3 only
95. Which of the following statements regarding Article 21 of the Constitution of India is/are correct ?
- Article 21 is violated when the under-trial prisoners are detained under judicial custody for an indefinite period.
 - Right to life is one of the basic human rights and not even the State has the authority to violate that right.
 - Under Article 21, the right of a woman to make reproductive choices is not a dimension of personal liberty.
- Select the correct answer using the code given below :
- (a) 1, 2 and 3 (b) 1 and 2 only
(c) 1 and 3 only (d) 2 only
96. Which of the following statements is/are correct regarding Right to Education in India?
- Free and compulsory education should be provided to all children of the age of six to fourteen years.
 - The imperative of the provision of the Right to Education Act, 2009 is that schools must have qualified teachers and basic infrastructure.
 - There should be quality education without any discrimination on the ground of economic, social and cultural background.
- Select the correct answer using the code given below.
- (a) 1, 2 and 3 (b) 1 and 2 only
(c) 1 and 3 only (d) 3 only
97. Which one of the following statements regarding freedom to manage religious affairs as per the Constitution of India is **not** correct ?
- Every religious denomination shall have the right to manage its own affairs in matters of religion except some minor communities.
 - Every religion or any section thereof shall have the right to own and acquire movable and immovable property.
 - Every religious community has the right to establish and maintain institutions for religious and charitable purposes.
 - Every community has the right to manage its own affairs in matters of religion.
98. Which one of the following statements relating to protection against arrest and detention of individuals under Article 22 is **not** correct ?
- No person who is arrested shall be detained in custody without being informed of the grounds for such arrest.
 - No person shall be denied the right to consult, and be defended by, a legal practitioner of his/her choice.
 - Every person who is arrested and detained in custody shall be produced before the nearest Magistrate within a period of one week of such arrest.
 - The right to protection against arrest is not available to a person in jail pursuant to a judicial order.
99. Which one of the following intellectual property rights is protected without making any registration ?
- Copyright (b) Patent
(c) Industrial design (d) Trademark
100. Which one of the following indices is now used by the Reserve Bank of India to measure the rate of inflation in India ?
- NASDAQ Index
(b) BSE Index
(c) Consumer Price index
(d) Wholesale Price Index
101. The Most Favoured Nation (MFN) Clause under WTO regime is based on the, principle of
- Non-discrimination between nations
(b) discrimination between nations
(c) differential treatment between locals and foreigners
(d) uniform tariff across commodities
102. Goods and Services Tax likely to be levied in India is **not** a
- gross value tax
(b) value-added tax
(c) consumption tax
(d) destination-based tax
103. Amartya Sen was awarded the Nobel Prize for his contribution to
- Monetary Economics
(b) Welfare Economics
(c) Environmental Economics
(d) Development Economics

104. The rank of Captain of the Indian Navy is equivalent to which one of the following ?
- Captain of the Indian Army
 - Group Captain in the Indian Air Force
 - Lieutenant Colonel of the Indian Army
 - Wing Commander of the Indian Air Force
105. Which one of the following statements is correct in relation to the Indian Air Force ?
- It has bases in many friendly countries.
 - It does not carry out joint exercises with any country.
 - It has a separate Maintenance Command,
 - No officer has ever been elevated to the rank of Marshal of the Indian Air Force.
106. The Indian Navy in October 2016 commissioned the highly maneuverable fast attack craft INS Tihayu. INS Tihayu would be based in
- Kochi
 - Panaji
 - Visakhapatnam
 - Mumbai
107. Which one of the following sectors is not affected by the changes made in the Foreign Direct Investment Policy in June 2016 ?
- Multi-brand retailing
 - Defence
 - Private security agencies
 - Manufacturing of small arms and ammunitions covered under the Arms Act, 1959
108. BREXIT refers to the Great Britain leaving which one of the following ?
- International Monetary Fund
 - Commonwealth
 - World Trade Organization
 - European Union
109. In which one of the following cities are the Summer Olympics, 2020 going to be held ?
- London
 - Paris
 - Tokyo
 - Moscow
110. Who among the following is the President of Republic of the Union of Myanmar ?
- Aung San Suu Kyi
 - Htin Kyaw
 - Myint Swe
 - Henry Van Thio

Directions : The following two (2) items consist of two statements, Statement I and Statement II. Examine these two statements carefully and

select the correct answer using the code given below :

Code :

- Both the statements are individually true and Statement II is the correct explanation of Statement I.
 - Both the statements are individually true but Statement II is not the correct explanation of Statement I.
 - Statement I is true but Statement II is false.
 - Statement I is false but Statement II is true.
111. **Statement I :** The passing of the Coercive Acts made reconciliation between Britain and her American colonies virtually impossible.
- Statement II :** The British Parliament, having issued the Stamp Act in 1765, repeated it later.
112. **Statement I :** The Poona Pact provided for 151 reserved seats for the scheduled castes to be elected by a joint, not separate, electorate.
- Statement II :** Dr. B.R. Ambedkar withdrew from active politics for almost a decade when the Communal Award was revoked.
113. Which one of the following statements about the All India Depressed Classes Association is **not** correct ?
- The All India Depressed Classes Association was formed in Nagpur with M.C. Rajah as its first elected President.
 - The All India Depressed Classes Association was not attended by Dr. B.R. Ambedkar in 1926.
 - Ambedkar resigned from the All India Depressed Classes Association and formed his own All India Depressed Classes Congress in 1930.
 - The All India Depressed Classes Association favoured Ambedkar's demand for separate electorate for the depressed classes.
114. Which one of the following statements about the Justice Party is **not** correct ?
- It clamoured for the same kind of separate communal representation for the Non-Brahmins as had been granted to the Muslims by the Morley-Minto Reforms.

- (b) It was patronized mainly by richer landowning and urban middle class Non-Brahmins.
- (c) It succeeded in getting the provision for 28 reserved seats for the Non-Brahmins in the Montagu-Chelmsford Reforms.
- (d) It supported the call given by the Congress to boycott elections in 1920.
115. The Ryotwari experiment in land revenue was started by
- Henry Dundas
 - Alexander Reed
 - David Ricardo
 - Mountstuart Elphinstone
116. Which of the following statements is/are correct regarding the Preamble of the Indian Constitution ?
- The Preamble by itself is not enforceable in a Court of Law.
 - The Preamble states the objectives which the Constitution seeks to establish and promote.
 - The Preamble indicates the source from which the Constitution derives its authority.
- Select the correct answer using the code given below :
- 1, 2 and 3
 - 1 and 2 only
 - 1 and 3 only
 - 2 only
117. Which one of the following statements relating to cultural and educational rights in India is **not** correct ?
- Every section of the citizens has the right to conserve its language, script or culture.
 - No citizen shall be denied admission into any educational institution maintained by the State-or receiving aid out of State funds on grounds of religion, race or language.
 - The State shall, in granting aid to educational institutions, discriminate against any educational institution on the ground that it is under the management of a majority community.
 - All minorities, whether based on religion or language, shall have the right to establish and administer educational institutions of their choice.
118. Which one of the following statements relating to the Directive Principles of State Policy is **not** correct ?
- The provisions contained in Part IV of the Constitution of India shall not be enforceable by any Court.
 - The Directive Principles of State Policy are fundamental in the governance of the country.
 - It shall be the duty of the State to apply the Directive Principles in making laws.
 - The Directive Principles are directed in making India an advanced capitalist country of the world.
119. Which one of the following statements is not correct regarding the Office of the Vice President of India ?
- The Vice President is elected by an electoral college consisting of the elected members of both the Houses of the Parliament.
 - The Vice President is elected in accordance with the system of proportional representation by means of single transferable vote.
 - The Vice President shall not be a member of either House of the Parliament or of a House of the Legislature of any State.
 - The Vice President of India shall be officio Chairman of the Council of States and shall not hold any office of profit.
120. Which one of the following constitutional authorities inquires and decides in case of doubts and disputes arising out of election of the President and Vice President of India ?
- The Supreme Court of India
 - The Election Commission of India
 - The Parliamentary Committee
 - The High Court of Delhi



Answers

Q No	Answer Key	Topic Name	Chapter Name
1	(a)	Structure of DNA	Molecular basis of Inheritance
2	(b)	Transcription	Molecular basis of Inheritance
3	(b)	AIDS	Human Health and Disease
4	(a)	Gene Expression	Molecular basis of Inheritance
5	(b)	Plant Viruses	Plant Growth and Development
6	(b)	Syngamy	Sexual Reproduction in Flowering Plants
7	(b)	Nutritional and Digestive Disorders	Digestion and Absorption
8	(c)	Semiconductor	p-Block Elements
9	(b)	Electric Power	Current Electricity
10	(c)	Types of Semiconductor	Modern Physics
11	(c)	Capacitance	Electrostatics
12	(c)	Centre of Mass	System of Particles
13	(c)	Physical and Chemical Change	States of Matter
14	(d)	Calculation of pH	Ionic Equilibrium
15	(d)	Physical Properties of an Element	Metal and Non Metal
16	(c)	Important Atomic Terms	Structure of Atom
17	(d)	Plum Pudding Model	Structure of Atom
18	(c)	Calculation of Moles	Mole Concept
19	(a)	State Literacy Rate	CENSUS 2011
20	(c)	Loktak Lake	Lakes In India
21	(a)	Gross Cropped	Agriculture
22	(c)	River	Drainage System
23	(d)	Drainage Pattern	Drainage System
24	(b)	Malnutrition	Human Health and Disease
25	(a)	Cardiac Cycle	Body Fluids and Circulation
26	(b)	Plant Hormone	Plant Growth and Development
27	(c)	Visible Rays	EMW
28	(d)	Resistance	Current Electricity
29	(d)	Capacitance	Electrostatics
30	(c)	X-rays	EMW
31	(c)	Dispersion	Ray Optics
32	(d)	Endangered Organisms	Biodiversity and its Conservation
33	(d)	Biosphere Reserves	Biodiversity and its Conservation
34	(d)	Indian Railways	Transportation in India
35	(c)	Types of Crop	Agriculture
36	(c)	Winter and Summer Solstice	Earth
37	(d)	Climate	World Climate
38	(d)	Tsunami	Oceanology
39	(a)	Cloudburst	Climateology

Q No	Answer Key	Topic Name	Chapter Name
40	(b)	Soil	Indian Soil
41	(c)	Classification of Matter	States of Matter
42	(d)	Physical and Chemical Change	States of Matter
43	(c)	Properties of Cathode Ray	States of Matter
44	(b)	Concentration Terms	Some Basic Concept of Chemistry
45	(d)	Jet Stream	Atmosphere
46	(d)	Ocean Currents	Oceanology
47	(d)	Sugar Industry	Industries in India
48	(d)	Currency	Currency of Countries
49	(b)	Ports in India	Transportation in India
50	(d)	National Birds, Flowers, Tree and Animals	National Identities
51	(b)	GST	GST In India
52	(c)	Leak of Information	Current Affairs
53	(a)	Summer Olympics	Sports
54	(b)	Missile Technology Control Regime	International Organization
55	(d)	Ports	Current Affairs
56	(b)	SAARC	Static GK
57	(c)	Ilbert Bill Rules	Ilbert Bill
58	(c)	Five-Year Plans	Indian Economic Development
59	(d)	Swaraj	Gandhian Era
60	(c)	Gandhi Ideology	Gandhi Ideology
61	(b)	Shiromani Gurudwara	Social reforms
62	(b)	Mahatma Gandhi	Gandhi Ideology
63	(a)	Panchayati Raj System	Local Self Government
64	(a)	Commissions	Constitution
65	(b)	Rio Paralympic Games	Sports
66	(c)	Panchayati Raj System	Local Self Government
67	(b)	Rajya Sabha	Parliament
68	(a)	Supreme Court Powers	Judiciary
69	(c)	Disinvestment	Revenue Receipts
70	(b)	TRIPS	Current Affairs
71	(d)	GDP	Indian Economy
72	(b)	Trans - Pacific Partnership	Current Affairs
73	(b)	Bitcoin	Digital Currency
74	(c)	Hindustan Aeronautics Limited	Defence
75	(b)	Lionel Messi	Sports
76	(b)	Space	Science & Technology
77	(c)	Textile and Apparel Industry	Current Affairs
78	(a)	Inter-Service establishments	Defence
79	(a)	Awards	Peacetime Awards of India

Q No	Answer Key	Topic Name	Chapter Name
80	(b)	Southern Naval Command	Indian Navy
81	(a)	Rowlatt Act	Rowlatt Act
82	(b)	Salt Satyagrah	Modern History
83	(c)	Election in 1937	Modern History
84	(a)	Arya Samaj	Social Reforms
85	(c)	Book and Author	In British India
86	(c)	Planets	Solar System
87	(a)	Industrial Revolution	World History
88	(b)	Second Continental Congress	World History
89	(a)	Alexander Kerensky	World History
90	(b)	Five-Year Plans	Indian Economy
91	(c)	Missions	Current Affairs
92	(c)	BRICS Summit	Current Affairs
93	(d)	MoU	Current Affairs
94	(c)	Powers of President	Union Executive
95	(b)	Article 21	Fundamental Rights
96	(a)	Right to Education	Fundamental Rights
97	(a)	Right to Manage Religious	Fundamental Rights
98	(c)	Article 22	Fundamental Rights
99	(a)	Various Intellectual Property Rights	Intellectual Property of Rights
100	(c)	Consumer Price Index	Indian Economy
101	(a)	World Trade Organization	International Organization
102	(a)	GST	Indian Economy
103	(b)	Noble Prize	Awards & Honours
104	(b)	Ranks Indian Armed Forces	Defence
105	(c)	Air Force	Defence
106	(c)	Indian Naval Ship	Indian Navy
107	(a)	FDI	Current Affairs
108	(d)	BREXIT	Current Affairs
109	(c)	Summer Olympics	Current Affairs
110	(b)	Elections	International Current Affairs
111	(b)	Various Acts	World History
112	(c)	Poona Pact	Modern History
113	(d)	All India Depressed Class	Modern History
114	(d)	Members	Justice Party
115	(c)	Ryotwari System	Land Revenue Settlement
116	(a)	Preamble	Indian Constitution
117	(c)	Article 29-30	Fundamental Rights
118	(d)	Theme of DPSP	DPSP
119	(a)	Vice President	Union Executive
120	(a)	Election of President and Vice President	Union Executive