

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. Which one of the following tribal groups is dominantly found in the 'Blue Mountains' ?
(a) Lambadas (b) Gonds
(c) Jarawas (d) Todass
2. Who among the following geographers is related to 'primate city' concept ?
(a) August Losch (b) Mark Jefferson
(c) Griffith Taylor (d) W. Christaller
3. Which one of the following islands is the largest ?
(a) Borneo (b) Madagascar
(c) New Guinea (d) Sumatra
4. Arrange the following Tiger Reserves of India from North to South :
 1. Dudhwa
 2. Panna
 3. Pench
 4. IndravatiSelect the correct answer using the code given below :
(a) 4, 3, 2, 1 (b) 2, 1, 4, 3
(c) 1, 2, 3, 4 (d) 1, 3, 2, 4
5. Which one of the following proteins gives lustrous shiny appearance to silk fibre ?
(a) Fibrin (b) Sericin
(c) Collagen (d) Nectin
6. Blue Baby Syndrome is caused by the contamination of
(a) nitrite (NO_2^-) (b) sulphite (SO_3^{2-})
(c) nitrate (NO_3^-) (d) sulphate (SO_4^{2-})
7. Match List-I with List-II and select the correct answer using the code given below the Lists :

List-I (Cell Organelle)	List-II (Function)
A. Mitochondria	1. Photosynthesis
B. Chloroplast	2. Protein synthesis
C. Ribosomes	3. Intracellular digestion
D. Lysosomes	4. ATP formation

Code :

A	B	C	D
(a) 3	1	2	4
(b) 3	2	1	4
(c) 4	1	2	3
(d) 4	2	1	3
8. Human insulin molecule is composed of one α -chain having 21 amino acids and one β -chain having 30 amino acids. How many functional insulin genes occur in adult humans ?
(a) One (b) Two
(c) Three (d) Four

9. Pearl is a hard object produced within the soft tissues of a mollusk. Which one of the following is the main constituent of pearl ?
 (a) Calcium carbonate (b) Calcium oxide
 (c) Calcium nitrate (d) Calcium sulphate
10. A biological community in its environment such as a pond, an ocean, a forest, even an aquarium is known as
 (a) biome
 (b) community
 (c) abiotic environment
 (d) ecosystem
11. An electron and a proton starting from rest are accelerated through a potential difference of 1000 V. Which one of the following statements in this regard is correct ?
 (a) The kinetic energy of both the particles will be different.
 (b) The speed of the electron will be higher than that of the proton.
 (c) The speed of the proton will be higher than that of the electron.
 (d) The speed of the electron and the proton will be equal.
12. Two wires are made having same length l and area of cross-section A . Wire 1 is made of copper and wire 2 is made of aluminium. It is given that the electrical conductivity of copper is more than that of aluminium. In this context, which one of the following statements is correct ?
 (a) The resistance of wire 1 will be higher than that of wire 2.
 (b) The resistance of wire 2 will be higher than that of wire 1.
 (c) The resistance of both the wires will be the same.
 (d) If same current is flown through both the wires, the power dissipated in both the wires will be the same.
13. A ray of light is incident on a plane mirror at an angle of 40° with respect to surface normal. When it gets reflected from the mirror, it undergoes a deviation of
 (a) 40° (b) 100°
 (c) 90° (d) 80°
14. Infrared, visible and ultraviolet radiations/light have different properties. Which one of the following statements related to these radiations/light is **not** correct?
 (a) The wavelength of infrared is more than that of ultraviolet radiation.
 (b) The wavelength of ultraviolet is smaller than that of visible light.
 (c) The photon energy of visible light is more than that of infrared light.
 (d) The photon energy of ultraviolet is lesser than that of visible light.
15. After using for some time, big transformers get heated up. This is due to the fact that
 1. current produces heat in the transformers
 2. hysteresis loss occurs in the transformers
 3. liquid used for cooling gets heated
 Select the correct answer using the code given below :
 (a) 1 only (b) 2 and 3 only
 (c) 1 and 2 only (d) 1, 2 and 3
16. A person is standing on a frictionless horizontal ground. How can he move by a certain distance on this ground ?
 (a) By sneezing (b) By jumping
 (c) By running (d) By rolling
17. In the reaction between hydrogen sulphate ion and water $\text{HSO}_4^- + \text{H}_2\text{O} \rightarrow \text{H}_3\text{O}^+ + \text{SO}_4^{2-}$ the water acts as
 (a) an acid (b) a base
 (c) a salt (d) an inert medium
18. How many hydrogen atoms are contained in 1.50 g of glucose ($\text{C}_6\text{H}_{12}\text{O}_6$) ?
 (a) 3.01×10^{22} (b) 1.20×10^{23}
 (c) 2.40×10^{23} (d) 6.02×10^{22}
19. The paste of a white material in water is used to maintain a fractured bone fixed in place. The white material used is called
 (a) bleaching powder
 (b) plaster of Paris
 (c) powder of zinc oxide
 (d) lime powder
20. Which one of the following types of glasses is used for making optical instruments ?
 (a) Pyrex glass (b) Soft glass
 (c) Hard glass (d) Flint glass
21. Most Ozone gas (about 90%) in the atmospheric layer of
 (a) ionosphere (b) troposphere
 (c) stratosphere (d) mesosphere
22. What are the main constituents of biogas ?

- (a) Methane and sulphur dioxide
 (b) Methane and carbon dioxide
 (c) Methane, hydrogen and nitric oxide
 (d) Methane and nitric oxide
23. In which two Indian States of the four mentioned below, it is necessary to hold certain minimum educational qualifications to be eligible to contest Panchayat Elections ?
1. Punjab
 2. Haryana
 3. Karnataka
 4. Rajasthan
- Select the correct answer using the code given below :
- (a) 1 and 2 (b) 2 and 4
 (c) 2 and 3 (d) 1 and 4
24. Which of the following statements about 'delegation' is/are correct?
1. It is the abdication of responsibility.
 2. It means conferring of specified authority by a lower authority to a higher one.
 3. It is subject to supervision and review.
 4. It is a method of dividing authority in the organization.
- Select the correct answer using the code given below :
- (a) 3 only
 (b) 2 and 4 only
 (c) 3 and 4
 (d) 1, 2 and 4
25. Which of the following features were borrowed by the Constitution of India from the British Constitution ?
1. Rule of Law
 2. Law-making Procedure
 3. Independence of Judiciary
 4. Parliamentary System
- Select the correct answer using the code given below :
- (a) 1 and 2 only (b) 2, 3 and 4
 (c) 1 and 4 only (d) 1, 2 and 4
26. Which one of the following Schedules of the Constitution of India has fixed the number of Members of the Rajya Sabha to be elected from each State ?
- (a) Fifth Schedule (b) Third Schedule
 (c) Sixth Schedule (d) Fourth Schedule
27. Which one of the following statements about various horticulture crops of India for the year 2016-17 is **not** correct ?
- (a) The area under horticulture crops has increased over previous year.
 (b) Fruit production during the current year is higher than the previous year.
 (c) Rate of increase in onion production is more than potato production in the current year in comparison to the previous year.
 (d) The major tomato-growing States are Madhya Pradesh, Andhra Pradesh, Karnataka, Odisha and Gujarat.
28. The phenomenon of 'demographic dividend' of a country relates to
- (a) a sharp decline in total population
 (b) an increase in working age population
 (c) a decline in infant mortality rate
 (d) an increase in sex ratio
29. Arrange the following events in sequential order as they happened in India :
1. Mahalanobis Model
 2. Plan Holiday
 3. Rolling Plan
- Select the correct answer using the code given below :
- (a) 1, 2, 3 (b) 3, 2, 1
 (c) 2, 3, 1 (d) 1, 3, 2
30. The monetary policy in India uses which of the following tools ?
1. Bank rate
 2. Open market operations
 3. Public debt
 4. Public revenue
- Select the correct answer using the code given below :
- (a) 1 and 2 only (b) 2 and 3 only
 (c) 1 and 4 only (d) 1, 2, 3 and 4
31. Devaluation of currency will be more beneficial if prices of
- (a) domestic goods remain constant
 (b) exports become cheaper to importers
 (c) imports remain constant
 (d) exports rise proportionately
- Directions :** The following **five (5)** 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 :**

- (a) Both the statements are individually true and Statement II; is the correct explanation of Statement I
- (b) Both the statements lie individually true but Statement II is **not** the correct explanation of Statement I
- (c) Statement I is true but Statement II is false
- (d) Statement I is false but Statement II is true
32. **Statement I** : Skin cancer is generally caused by the ultraviolet radiation.
Statement II : Stratosphere allows ultraviolet radiation to enter the earth from the sun.
33. **Statement I** : The interior part of Maharashtra does not receive adequate rain in the summer season.
Statement II : The interior part of Maharashtra lies in the rain shadow of the Western Ghats.
34. **Statement I** : Global warming signifies the rise in global surface temperature.
Statement II : The increase of concentration of greenhouse gases in the atmosphere causes the rise in global surface temperature.
35. **Statement I** : The Communists left the All India Trade Union Congress in 1931.
Statement II : By 1928, the Communists were no longer working with the mainstream national movement.
36. **Statement I** : The early Aryans, who were essentially pastoral, did not develop any political structure which could measure up to a State in either ancient or modern sense.
Statement II : Kingship was the same as tribal chiefship; the term Rajan being used for tribal chief who was primarily a military leader and who ruled over his people and not over any specified area.
37. Which one of the following peasant struggles was an outcome of British opium policy ?
- (a) Phulaguri Dhawa (1861)
(b) Birsaita Ulgulan (1899-1900)
(c) Pabna Revolt (1873)
(d) Maratha Peasant Uprising (1875)
38. Which one of the following statements about the Sayyid brothers during the period of Later Mughals is **not** true ?
- (a) They brought Jahandar Shah to power.
(b) They wielded administrative power.
(c) They followed a tolerant religious policy.
(d) They reached an agreement with King Shahu.
39. Which of the following statements with regard to the heterodox sect between sixth and fourth century BC are correct ?
- The Jain ideas were already being circulated in the seventh century BC by Parshva.
 - Although Buddhism, and to a lesser extent Jainism, took account of the changes in material life and reacted against orthodoxy, neither of these sought to abolish the caste system.
 - The first female disciple of Mahavira is said to have been a captured slave woman.
 - Buddha held that nuns could attain spiritual liberation just like a monk and granted them an equal status in the mendicant order.
- Select the correct answer using the code given below :
- (a) 1, 2 3 and 4 (b) 1, 2 and 3 only
(c) 1, 2 and 4 only (d) 3 and 4 only
40. Which one of the following combinations of year and event concerning the French Revolution is correctly matched ?
- (a) 1789 : Napoleonic Code
(b) 1791 : Tennis Court Oath
(c) 1792 : National Convention
(d) 1804 : New Constitution of France
41. Who among the following is the author of the book, *The Social Contract* ?
- (a) Voltaire (b) Hobbes
(c) Locke (d) Rousseau
42. Who among the following is the recipient of the Jnanpith Award, 2016 ?
- (a) Shankha Ghosh
(b) Raghuveer Chaudhari
(c) Pratibha Ray
(d) Rehman Rahi
43. The Sustainable Development Goals (SDGs), which were adopted by the UNO in place of the Millennium Development Goals (MDGs), 2015, aim to achieve the 17 goals by the year
- (a) 2020 (b) 2030
(c) 2040 (d) 2050
44. Teejan Bai, a recipient of the M.S. Subbulakshmi

Centenary Award, 2016, is an exponent in

- (a) Kannada classical vocal
- (b) Kajari dance
- (c) Bihu dance
- (d) Pandavani, a traditional performing art

45. Who among the following is the recipient of the Dadasaheb Phalke Award, 2016 ?

- (a) Nana Patekar
- (b) Manoj Kumar
- (c) Javed Akhtar
- (d) K. Viswanath

46. The Nobel Prize in Physics for the year 2016 was given to

- (a) David J. Thouless
- (b) F. Duncan M. Haldane
- (c) J. Michael Kosterlitz
- (d) All of them

47. Which one of the following political parties was launched by Irom Sharmila in Manipur ?

- (a) People's Resurgence and Justice Alliance
- (b) Manipur Resistance Alliance
- (c) Tribal Resistance Party
- (d) Revolutionary People's Party

48. Which one of the following planets was explored by Cassini Mission launched by NASA, which ended in September 2017 ?

- (a) Sun
- (b) Neptune
- (c) Saturn
- (d) Jupiter

49. Match List-I with List-II and select the correct answer using the code given below the Lists :

List-I (Strait)	List-II (Countries)
A. Bass Strait	1. UK and France
B. Davis Strait	2. Australia and Tasmania
C. Dover Strait	3. USA and Cuba
D. Florida Strait	4. Canada and Greenland

Code :

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

50. Match List-I with List-II and select the correct

answer using the code given below the Lists :

List-I (Pass)	List-II (Place)
A. Zoji La	1. Himachal Pradesh
B. Shipki La	2. Uttarakhand
C. Lipulekh	3. Jammu and Kashmir
D. Nathu La	4. Sikkim

Code :

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

51. Match List-I with List-II and select the correct answer using the code given below the Lists :

List-I (Concern)	List-II (Product)
A. TISCO	1. Chemicals
B. BALCO	2. Iron & Steel
C. BPCL	3. Electronics
D. BEL	4. Aluminium

Code :

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

52. Match List-I with List-II and select the correct answer using the code given below the Lists :

List-I (National Highway)	List-II (Route)
A. NH-2	1. Delhi-Jaipur-Ahmedabad-Mumbai
B. NH-4	2. Thane-Pune-Bengaluru-Chennai
C. NH-7	3. Delhi-Agra-Allahabad-Kolkata

D. NH-8

4. Varanasi–
Jabalpur–
Nagpur–
Hydrabad–
Bengaluru–
Madurai–
Kanyakumari

Code :

	A	B	C	D
(a)	3	4	2	1
(b)	1	2	4	3
(c)	1	4	2	3
(d)	3	2	4	1

53. One carbon credit is accepted as equivalent to

- (a) 100 kg of carbon
 (b) 100 kg of carbon dioxide
 (c) 1000 kg of carbon
 (d) 1000 kg of carbon dioxide

54. An emulsion consists of

- (a) one liquid and one solid
 (b) one liquid and one gas
 (c) two liquids
 (d) two solids

55. Which of the following radioactive substances enters/enter the human body through food chain and causes/cause many physiological disorders ?

- (a) Strontium-90 (b) Iodine-131
 (c) Cesium-137 (d) All of these

56. "Xeriscaping" is a concept related to

- (a) landscaping related to save water
 (b) landscaping related to save soil erosion
 (c) weathering of rock surface
 (d) All of the above

57. Joule-Thomson process is extremely useful and economical for attaining low temperature. The process can be categorized as

- (a) isobaric process
 (b) isoenthalpic process
 (c) adiabatic process
 (d) isochoric process

58. Ultrasonic waves are produced making use of

- (a) ferromagnetic material
 (b) ferrimagnetic material
 (c) piezoelectric material
 (d) pyroelectric material

59. A person throws an object on a horizontal frictionless plane surface. It is noticed that there are two forces acting on this object— (i) gravitational pull and (ii) normal reaction of the surface. According to the third law of motion, the net resultant force is zero. Which one of the following can be said for the motion of the object ?

- (a) The object will move with acceleration.
 (b) The object will move with deceleration.
 (c) The object will move with constant speed, but varying direction.
 (d) The object will move with constant velocity.

60. Consider the following statements :

- The chain reaction process is used in nuclear bombs to release a vast amount of energy, but in nuclear reactors, there is no chain reaction.
- In a nuclear reactor, the reaction is controlled, while in nuclear bombs, the reaction is uncontrolled.
- In a nuclear reactor, all operating reactions are 'critical', while there is no question of 'criticality' in case of a nuclear bomb.
- Nuclear reactors do not use moderators, while nuclear bombs use them.

Which of the above statements about operational principles of a nuclear reactor and a nuclear bomb is/are correct ?

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

61. The foul smell of urine of a healthy man having healthy food, when spilled on floor, is mainly due to the bacteria decomposition of

- (a) urea into sulphur dioxide
 (b) sugar into carbon dioxide
 (c) lipids into methane
 (d) urea into ammonia

62. Desalination of seawater is done by using reverse osmosis. The pressure applied to the solution is

- (a) larger than osmotic pressure
 (b) smaller than osmotic pressure
 (c) equal to osmotic pressure
 (d) equal to atmospheric pressure

63. Which one of the following polymers does **not** contain glucose units ?

- (a) Glycogen (b) Starch
 (c) Cellulose (d) Rubber

64. Tincture of iodine is an antiseptic for fresh wounds. It is a dilute solution of elemental iodine, which **does not** contain
- (a) water (b) acetone
(c) alcohol (d) potassium iodide

65. The Fundamental Rights guaranteed in the Constitution of India can be suspended only by
- (a) a proclamation of National Emergency
(b) an Act passed by the Parliament
(c) an amendment to the Constitution of India
(d) the judicial decisions of the Supreme Court

66. Which of the following statements about the 73rd and 74th Constitution Amendment Act is/are correct ?

1. It makes it mandatory for all States to establish a three-tier system of Government.
2. Representatives should be directly elected for five years.
3. There should be mandatory reservation of one-third of all seats in all Panchayats at all levels for women.

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) 3 only

67. A Joint Sitting of the Parliament is resorted to, for resolving the deadlock between two Houses of the Parliament for passing which of the following Bills ?

1. Money Bill
2. Constitutional Amendment Bill
3. Ordinary Bill

Select the correct answer using the code given below :

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

68. Which of the following statements is/are correct ?

1. The Directive Principles of State Policy are meant for promoting social and economic democracy in India.
2. The Fundamental Rights enshrined in Part III of the Constitution of India are ordinarily subject to reasonable restrictions.
3. Secularism is one of the basic features of Constitution of any country.

Select the correct answer using the code given below :

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

69. The President of India is elected by an Electoral College comprising of elected members of which of the following ?

1. Both the Houses of the Parliament
2. The Legislative Assemblies of States
3. The Legislative Councils of States
4. The Legislative Assemblies of NCT of Delhi and Puducherry

Select the correct answer using the code given below :

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

70. Consider the following statements about the Scheduled Castes and the Scheduled Tribes under the provisions of the Constitution of India :

1. State can make any special provision relating to their admission to the Government educational institutions.
2. State can make any special provision relating to their admission to the private educational institutions aided by the State.
3. State can make any special provision relating to their admission to the private educational institutions not aided by the State.
4. State can make any special provision relating to their admission to the minority educational institutions as described in Article 30.

Which of the statements given above are correct ?

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

71. Article 21 of the Constitution of India includes

1. Rights of transgenders
2. Rights of craniopagus twins
3. Rights of mentally retarded women to bear a child

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

72. Who among the following was **not** a member of the Drafting Committee of the Constituent Assembly ?

- (a) N.G. Ayyangar
(b) K.M. Munshi
(c) B.N. Rau
(d) Muhammad Saadulah

73. Due to which of the following factors, the Industrial Revolution took place in England in the eighteenth century ?

1. The discovery of coal and iron deposits
2. The discovery of steam power
3. The introduction of railways
4. The regular supply of raw materials

Select the correct answer using the code given below :

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

74. Which of the following indicators have been used by the World Economic Forum to calculate Global Competitiveness Index for 2016-17 ?

1. Efficiency enhancer subindex
2. Innovation and sophistication factors subindex
3. Life expectancy enhancer subindex

Select the correct answer using the code given below :

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

75. In India, the base year of the new GDP series has been shifted from 2004-05 to

- (a) 2007-08 (b) 2008-09
(c) 2010-11 (d) 2011-12

76. Match List-I with List-II and select the correct answer using the code given below the Lists :

List-I (Types of Deficit)	List-II (Explanation)
A. Fiscal Deficit	1. Total Expenditure – Revenue Receipts & Non-dept Capital Receipts
B. Revenue Deficit	2. Revenue Expenditure – Revenue Receipts
C. Effective Revenue Deficit	3. Revenue Deficit – Grants for Creation of Capital Assets
D. Primary Deficit	4. Fiscal Deficit – Interest Payments

Code :

	A	B	C	D
(a)	1	2	3	4
(b)	1	3	2	4
(c)	4	2	3	1
(d)	4	3	2	1

77. Consider the following :

1. Tughlaqabad Fort
2. Bada Gumbad in Lodhi Garden
3. Qutub Minar
4. Fatehpur Sikri

Which one of the following is the correct chronological order of building the above monuments ?

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

78. With regard to nature of Mughal State, who among the following scholars argued that “the peculiar feature of the State in Mughal India was that it served not merely as the protective arm of the exploiting classes, but was itself the principal instrument of exploitation” ?

- (a) Irfan Habib
(b) Satish Chandm
(c) Athar Ali
(d) J. F. Richards

79. Match List-I with List-II and select the correct answer using the code given below the Lists :

List-I (Types of Land)	List-II (Meaning)
A. Urvara	1. Land watered by a river
B. Maru	2. Fertile land
C. Nadimatrika	3. Land watered by rain
D. Devamatrika	4. Desert land

Code :

	A	B	C	D
(a)	2	1	4	3
(b)	3	4	1	2
(c)	3	1	4	2
(d)	2	4	1	3

80. Who was the editor of the journal *Indian Social Reformer* that was started in 1890 ?

- (a) K.T. Telang (b) Veeresalingam
(c) N.G. Chandavarkar (d) K.N. Natarajan


81. Match List-I with List-II and select the correct answer using the code given below the Lists :

List-I (Industrial Region)	List-II (Country)
A. Leipzig	1. USA
B. Detroit	2. UK
C. Lorraine	3. France
D. Cumberland	4. Germany

Code :

A	B	C	D
(a) 2	1	4	3
(b) 4	3	1	2
(c) 4	1	3	2
(d) 2	3	1	4

82. Match List-I with List-II and select the correct answer using the code given below the Lists :

List-I (Mountain Range)	List-II (Location in Map)
A. Satpura	
B. Vindhya	
C. Aravalli	
D. Mahadeo	

Code :

A	B	C	D
(a) 4	2	1	3
(b) 3	1	2	4
(c) 3	2	1	4
(d) 4	1	2	3

83. Which of the following statements in respect to the Indian Peninsular Plateau are correct ?

1. The Deccan Plateau gradually rises from North to South.
2. The Malwa Plateau dominates the Vindhyan scarps, forming the Eastern flank of the plateau.
3. The Western Satpuras separate the Narmada and Tapi rivers.
4. The Chota Nagpur Plateau is composed of Archaean granite and gneiss rocks.

Select the correct answer using the code given below :

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

84. Which one of the following criteria got the highest weight for determination of shares of States in the formula given by the 14th Finance Commission ?

- | | |
|----------------|---------------------|
| (a) Population | (b) Income distance |
| (c) Area | (d) Tax effort |

85. A Money Bill passed by the Lok Sabha can be held up by the Rajya Sabha for how many weeks ?

- | | |
|----------|-----------|
| (a) Two | (b) Three |
| (c) Four | (d) Five |

86. Constitutional safeguards available to Civil Servants are ensured by

- | | |
|-----------------|-----------------|
| (a) Article 310 | (b) Article 311 |
| (c) Article 312 | (d) Article 317 |

87. A writ issued to secure the release of a person found to be detained illegally is

- | | |
|----------------|-------------------|
| (a) Mandamus | (b) Habeas corpus |
| (c) Certiorari | (d) Prohibition |

88. Which one of the following *cannot* be introduced first in the Rajya Sabha ?

- | |
|---|
| (a) Constitutional Amendment |
| (b) CAG Report |
| (c) Annual Financial Statement |
| (d) Bill to alter the boundaries of any State |

89. The National Commission for Women was created by

- | |
|---|
| (a) an amendment in the Constitution of India |
| (b) a decision of the Union Cabinet |
| (c) an Act passed by the Parliament |
| (d) an order of the President of India |

90. Who among the following was the Chief Justice of India when Public Interest Litigation (PIL) was introduced in the Indian Judicial System ?

- | | |
|---------------------|-------------------|
| (a) H. Hidayatullah | (b) A.S. Anand |
| (c) A.M. Ahmadi | (d) P.N. Bhagwati |

91. Which twelfth century Sanskrit scholar was first responsible for the compilation of 'Nibandhas' or digests of epic and Puranic texts ?

- | | |
|------------------|--------------------|
| (a) Harsha | (b) Govindachandra |
| (c) Lakshmidhara | (d) Kalidasa |

92. Who among the following scholars argued that "capital created underdevelopment not because it exploited the underdeveloped world, but because it did not exploit it enough" ?

- | | |
|------------------|----------------|
| (a) Bill Warren | (b) Paul Baran |
| (c) Geoffrey Kay | (d) Lenin |

93. Which river is praised in the fifth century Tamil epic, *Silappadikaram* ?
 (a) Cauvery (b) Godavari
 (c) Saraswati (d) Ganges
94. Which one of the following statements about the Harappan Culture is **not** correct ?
 (a) It witnessed the first cities in the subcontinent.
 (b) It marks the first use of script, written from right to left.
 (c) It marks the earliest known use of iron as a medium for the art of sculpting.
 (d) It marks the earliest known use of stone as a medium for the art of Sculpting.
95. *Harshacharita* has references to various presents sent by a ruler named Bhaskara to Harshavardhana. Bhaskara belonged to
 (a) Haryanka Dynasty of Magadha
 (b) Varman Dynasty of Assam
 (c) Nanda Dynasty of North India
 (d) None of the above
96. Which of the following lakes is/are situated in Ladakh ?
 1. Tso Kar
 2. Pangong Tso
 3. Tsomgo
 4. Tso Moriri
- Select the correct answer using the code given below.
 (a) 1 only (b) 2 and 3
 (c) 1, 2 and 4 (d) 2 and 4 only
97. 'Tuvalu' has become a point of discussion recently. Why ?
 (a) Potato plant that could grow in high altitude
 (b) Place in equatorial Africa, where snow is found
 (c) New innovative technology to meet global warming
 (d) A country under threat of submergence due to ice melting and sea level rise
98. Which of the following statements related to latitude are true ?
 1. Rainfall, temperature and vegetation vary with latitude.
 2. The difference between the longest day and the shortest day increases with latitude.
 3. Indira Point is located approximately at 6°45' N latitude.

Select the correct answer using the code given below :

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

99. Match List-I with List-II and select the correct answer using the code given below the Lists :

List-I (Lake)	List-II (Type of Lake)
A. Bhimtal	1. Lagoon
B. Ashtamudi	2. Landslide
C. Gohna	3. Tectonic
D. Lonar	4. Crater

Code :

A	B	C	D
(a) 3	1	2	4
(b) 3	2	1	4
(c) 4	2	1	3
(d) 4	1	2	3

100. Which of the following statements is/are correct ?

- Himalayan rivers have their origin in the snow-covered areas, hence are dry in winter season.
- Rivers of the Peninsular Plateau have reached maturity.
- Himalayan rivers depict all the three stages of normal cycle of erosion.

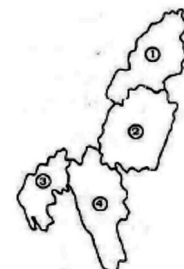
Select the correct answer using the code given below :

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

101. Match List-I with List-II and select the correct answer using the code given below the Lists :

List-I (State of NE India)	List-II (Location in Map)
-------------------------------	------------------------------

- A. Tripura
 B. Mizoram
 C. Nagaland
 D. Manipur



Code :

	A	B	C	D
(a)	2	1	4	3
(b)	2	4	1	3
(c)	3	1	4	2
(d)	3	4	1	2

102. Which one of the following statements regarding Uniform Civil Code as provided under Article 44 of the Constitution of India is **not** correct ?

- It is a Fundamental Right of every Indian citizen.
- The State shall endeavour to secure it for citizens throughout the territory of India.
- It is not enforceable by any Court.
- It is not enforceable by a Court yet the Constitution requires that as a principle it should be fundamental in the governance of our country.

103. Which of the following was/were founded by Raja Ram Mohan Roy ?

- Atmiya Sabha
- Brahmo Samaj
- Prarthana Samaj
- Arya Samaj

Select the correct answer using the code given below :

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

104. Match List-I with List-II and select the correct answer using the code given below the Lists :

List-I (Harappan Site)	List-II (Modern Name)
A. Dholavira	1. Saurashtra
B. Rakhigarhi	2. Hisar
C. Bhirrana	3. Kadir Island
D. Bhogavo	4. Haryana

Code :

	A	B	C	D
(a)	1	4	2	3
(b)	1	2	4	3
(c)	3	2	4	1
(d)	3	4	2	1

105. Which one of the following statements about the Gupta period in Indian History is **not** correct ?

- Sanskrit language and literature, after centuries of evolution, reached what has been described as a level of classical excellence through royal patronage.
- The status of women was redefined. They were entitled to formal education and hence there were women teachers, philosophers and doctors. Early marriage was prohibited by law and they were given the right to property.
- Decentralization of administrative authority was impacted by increased grants of land and villages with fiscal and administrative immunities to priests and temples.
- Land grants paved the way for feudal developments and emergence of serfdom in India, resulting in the depression of the peasantry.

106. Which one of the following statements about the All India Services is correct ?

- The All India Services may be created by an Act of the Parliament.
- The endorsement of the Rajya Sabha is not essential for the creation of the All India Services.
- The rules of recruitment to the All India Services are determined by the UPSC.
- The conditions of service to the All India Services may be altered by the UPSC.

107. Which one of the following statements about emergency provisions under the Constitution of India is **not** correct ?

- The powers of the Union Executive extend to giving directions to the States concerning the exercise of their powers.
- The Union Executive can issue a provision relating to reduction of salaries of employees of the State Governments.
- Governors have no emergency powers like the President of India.
- If the Governor of a State is satisfied that a situation has arisen whereby the financial stability of credit of the State is threatened, he may declare financial emergency in the State.

108. The National Handloom Day is observed on

- (a) 7th June (b) 17th July
(c) 7th August (d) 17th September

109. Venus, the first environmental research satellite, was launched in August 2017 by which one of the following countries ?
 (a) India (b) Russia
 (c) China (d) Israel
110. Which one of the following was the theme of the World Environment Day, 2017 ?
 (a) Green Economy : Does it include you?
 (b) Connecting People to Nature
 (c) Think, Eat, Save
 (d) Many Species, One Planet, One Future
111. The all-women expedition of Indian Navy to circumnavigate the globe on the sailing vessel, INSV Tarini, is scheduled to have four stopovers. Which one of the following is **not** one of them ?
 (a) Fermantle (b) Lyttelton
 (c) Port Stanley (d) Durban
112. Why was constitutional amendment needed for introducing GST ?
 (a) States were not willing to agree with the Union for introduction of GST without amendment in the Constitution.
 (b) GST was to be implemented on concurrent base and Article 246 was inadequate for such a case.
 (c) The Empowered Committee of Finance Ministers had recommended for constitutional amendment.
 (d) The GST Council had recommended for constitutional amendment so that its power enhances.
113. Where is-world's first Partition Museum inaugurated recently ?
 (a) New Delhi (b) Lahore
 (c) Amritsar (d) Islamabad
114. The Setu Bharatam Programme of the Government of India is a programme for
 (a) building bridges across major rivers for transport of goods.
 (b) building bridges for safe and seamless travel on national highways.
 (c) building roads to connect coastal areas.
 (d) training of highway engineers at the entry level and service level.
115. Which one of the following statements about the Global Environment Facility Grant Agreement, signed by India in August 2017 with the World Bank for 'Ecosystems Service Improvement Project', is **not** correct ?
 (a) The size of the project is about USD 25 million.
 (b) The duration of the project is 15 years.
 (c) The project will entirely be financed by the World Bank out of its GEF Trust Fund.
 (d) The Ministry of Environment, Forest and Climate Change will implement the project.
116. UBI, as an alternative for subsidies in poverty alleviation, stands for
 (a) Union Basic Income
 (b) Undefined Basic Income
 (c) Unconditional Basic Income
 (d) Universal Basic Income
117. Which one of the following authorities has recently launched the mobile apps 'MyFASTag' and 'FASTag Partner' ?
 (a) Telecom Regulatory Authority
 (b) National Highways Authority
 (c) Airports Economic Regulatory Authority
 (d) National Disaster Management Authority
118. 'Pragati' scholarship scheme of the Government of India is meant for
 (a) higher education of girls
 (b) technical education of girls
 (c) secondary education of girls
 (d) elementary education of girls
119. Which one of the following is not a feature of the Saansad Adarsh Gram Yojana (SAGY) ?
 (a) It focuses on community participation.
 (b) It is to be guided by a Member of the Parliament.
 (c) It aims at creating infrastructure for the village.
 (d) A Village Development Plan would be prepared for every identified Gram Panchayat.
120. Which one of the following is not included in the National Air Quality Index ?
 (a) Sulphur
 (b) Nitrogen dioxide
 (c) Lead
 (d) Methane



Answers

Q No	Answer Key	Topic Name	Chapter Name
1	(d)	Local Tribes of India	Blue Mountain Tribe
2	(b)	Primate City Concepts	Geographers
3	(c)	Largest Islands	Islands of the World
4	(c)	National Parks in India	Wildlife Protection
5	(b)	Animal Fibres-Wool and Silk	Fibre to fabric
6	(c)	International Standards for Drinking Water	Environmental Chemistry
7	(c)	Cell Organelles	Cell: The Unit of Life
8	(a)	Hormones	Chemical Coordination and Integration
9	(a)	Acid, Base & Salts	Constituent of Compounds
10	(d)	Ecosystem	Ecosystem
11	(b)	Potential	Electrostatics
12	(b)	Resistance	Current Electricity
13	(d)	Reflection	Ray Optics
14	(d)	EM Spectrum	Electromagnetic Waves
15	(c)	Transformers	Current Electricity
16	(a)	Friction	Force and Laws of Motion
17	(b)	Bronsted Lowry Acid Base Concept	Ionic Equilibrium
18	(d)	calculation of moles of atom	Some Basic Concept of Chemistry
19	(b)	Uses of compounds of s block element	s-block
20	(d)	Uses of Glass	Carbon and its Compound
21	(c)	Atmospheric layers	Environmental Chemistry
22	(b)	Constituents of Biogas	Carbon and its Compound
23	(b)	Panchayati Raj System	Local Self- Government
24	(c)	Delegation	Law
25	(d)	Sources of the Constitution	Making of Indian Constitution
26	(d)	Fourth Schedule	Rajya Sabha
27	(c)	Indian Economy	Current Affairs
28	(b)	Demographic Dividend	Human Geography
29	(a)	Various Plans	Post Independence
30	(a)	Monetary Policy	Money & Banking
31	(a)	Devaluation of Currency	Macroeconomics
32	(c)	Ozone depletion in the stratosphere	Environmental issues
33	(a)	Western Ghats	Indian Physiology
34	(a)	Global Warming	Environmental Issues
35	(a)	Members	All India Trade Union Congress
36	(b)	Aryan	Vedic Culture
37	(a)	Opium Policy of Britishers	Peasant Struggle
38	(a)	Sayyid Brothers	Mughal Empire

Q No	Answer Key	Topic Name	Chapter Name
39	(b)	Jain Ideas	Jainism
40	(c)	French Revolution	World History
41	(d)	Book and Authors	The Social Contract Book
42	(a)	Awards	Jnanpith Award
43	(b)	Sustainable Development Goals	Current Affairs
44	(d)	Famous Personalities	Current Affairs
45	(d)	Dadasaheb Phalke Award	Awards and Honours
46	(d)	Nobel Prize	Awards and Honours
47	(a)	Political Party	Current Affairs
48	(c)	Space Mission	Science & Technology
49	(a)	Straits	Countries
50	(c)	Mountain Pass in India	Indian Physiology
51	(b)	Industry	Indian Industries
52	(d)	National Highways	Transportation in India
53	(d)	Carbon and its Compound	Radioactivity
54	(c)	Emulsion	Surface Chemistry
55	(d)	Effects of Radioactive Pollution	Environmental Issues
56	(a)	Xeriscaping Concept	Soils
57	(b)	Types of Process	Thermodynamics
58	(c)	Ultrasonic Application	Ultrasonic Waves
59	(d)	Force	Force and Laws of Motion
60	(b)	Nuclear Energy	Modern Physics
61	(d)	Enzymatic Reactions	Surface Chemistry
62	(a)	Osmosis	Liquid Solution and Colligative Properties
63	(d)	Polysaccharides	Biomolecules
64	(b)	Drugs	Chemistry in Everyday Life
65	(a)	Fundamental Rights	Indian Constitution
66	(b)	Panchayati Raj System	Local Self- Government
67	(c)	Joint Sitting	Parliament
68	(b)	Fundamental Rights	Indian Constitution
69	(c)	Electrion of President	Union Executive
70	(c)	Schedule Caste	Fundamental Rights
71	(d)	Article 21	Fundamental Rights
72	(c)	Drafting Committee	Constitutional Assembly
73	(d)	Industrial Revolution	World History
74	(a)	World Economic Forum	Global Competitiveness Index
75	(d)	Base Year	GDP
76	(a)	Deficit	Types of Deficits
77	(b)	Mughal Empire	Monuments During Mughals
78	(a)	Irfan Habib	Mughal Empire
79	(d)	Land	Types of Lands

Q No	Answer Key	Topic Name	Chapter Name
80	(d)	1890 Journal	Journal and its Editor
81	(c)	Industrial Area	Places
82	(c)	Mountain Ranges	Physical Features of India
83	(b)	Plateaus	Indian Physiology
84	(a)	Shares of states	Finance Commission
85	(a)	Money Bill	Types of Bills
86	(b)	Article 311	Civil Servant
87	(b)	WRITS	Judiciary
88	(c)	Annual Financial Statement	Budget Procedure
89	(c)	National Commission for Women	Constitutional and Non-Constitutional Bodies
90	(d)	Public Intrest Litigation	Judicial System
91	(c)	Nibandhas	Lakshmidhara
92	(c)	Geoffrey Kay	Book
93	(a)	Silappadikaram	Gangas
94	(c)	Harappan	Indus Valley Civilization
95	(b)	Bhaskara	Varman Dynastay
96	(c)	Lakes	Lakes in India
97	(d)	Tulava Country	Current Affairs
98	(d)	Rainfall	Climateology
99	(a)	Lakes	Lakes in India
100	(a)	Himalayan Rivers	Drainage System
101	(d)	North East States	Map
102	(a)	Article 44	DPSP
103	(c)	Raja Ram Mohan Roy	Social Reforms
104	(c)	Sites	Indus Valley Civilization
105	(b)	Gupta Empire	Ancient History
106	(a)	Rajya Sabha	Parliament
107	(d)	Emergency	Emergency Provision
108	(c)	Swadeshi Movement	Modern History
109	(d)	Space Mission	Science & Technology
110	(b)	World Environment Day	Important Days
111	(d)	Naval Expedition	Indian Navy
112	(b)	GST	Constitutional Amendments
113	(c)	Partition Museum	Museums of Country
114	(b)	Setu Bharatam	Current Affairs
115	(b)	MoU	Current Affairs
116	(d)	Universal basic income	Current Affairs
117	(b)	Mobile Apps	Current Affairs
118	(b)	Pragati Scholarship	Current Affairs
119	(b)	Government Schemes	Current Affairs
120	(d)	Pollutants	National Air Quality Index