

जब तक आपको यह परीक्षण पुस्तिका खोलने को न कहा जाए तब तक न खोलें

टी.बी.सी. : STS-K-TPT

परीक्षण पुस्तिका अनुक्रम

क्रम संख्या

# परीक्षण पुस्तिका

सामान्य ज्ञान



समय : दो घण्टे

पूर्णांक : 100

## अ नु दे श

1. परीक्षा प्रारम्भ होने के तुरन्त बाद आप इस परीक्षण पुस्तिका की पड़ताल अवश्य कर लें कि इसमें कोई बिना छपा, फटा या छूटा हुआ पृष्ठ अथवा प्रश्नांश आदि न हो। यदि ऐसा है, तो इसे सही परीक्षण पुस्तिका से बदल लें।
2. कृपया ध्यान रखें कि OMR उत्तर-पत्रक में उचित स्थान पर रोल नम्बर और परीक्षण पुस्तिका अनुक्रम A, B, C या D को ध्यान से एवं बिना किसी चूक या विसंगति के भरने और कूटबद्ध करने की जिम्मेदारी उम्मीदवार की है। किसी भी प्रकार की चूक/विसंगति की स्थिति में उत्तर-पत्रक निरस्त कर दिया जाएगा।
3. इस परीक्षण पुस्तिका पर साथ में दिए गए कोष्ठक में आपको अपना अनुक्रमांक  लिखना है। परीक्षण पुस्तिका पर और कुछ न लिखें।
4. इस परीक्षण पुस्तिका में 120 प्रश्नांश (प्रश्न) दिए गए हैं। प्रत्येक प्रश्नांश हिन्दी और अंग्रेजी दोनों में छपा है। प्रत्येक प्रश्नांश में चार प्रत्युत्तर (उत्तर) दिए गए हैं। इनमें से एक प्रत्युत्तर को चुन लें, जिसे आप उत्तर-पत्रक पर अंकित करना चाहते हैं। यदि आपको ऐसा लगे कि एक से अधिक प्रत्युत्तर सही हैं, तो उस प्रत्युत्तर को अंकित करें जो आपको सर्वोत्तम लगे। प्रत्येक प्रश्नांश के लिए केवल एक ही प्रत्युत्तर चुनना है।
5. आपको अपने सभी प्रत्युत्तर अलग से दिए गए उत्तर-पत्रक पर ही अंकित करने हैं। उत्तर-पत्रक में दिए गए निर्देश देखें।
6. सभी प्रश्नांशों के अंक समान हैं।
7. इससे पहले कि आप परीक्षण पुस्तिका के विभिन्न प्रश्नांशों के प्रत्युत्तर उत्तर-पत्रक पर अंकित करना शुरू करें, आपको प्रवेश प्रमाण-पत्र के साथ प्रेषित अनुदेशों के अनुसार कुछ विवरण उत्तर-पत्रक में देने हैं।
8. आप अपने सभी प्रत्युत्तरों को उत्तर-पत्रक में भरने के बाद तथा परीक्षा के समापन पर केवल उत्तर-पत्रक अधीक्षक को सौंप दें। आपको अपने साथ परीक्षण पुस्तिका ले जाने की अनुमति है।
9. कच्चे काम के लिए पत्रक, परीक्षण पुस्तिका के अन्त में संलग्न है।
10. गलत उत्तरों के लिए दण्ड :  
वस्तुनिष्ठ प्रश्न-पत्रों में उम्मीदवार द्वारा दिए गए गलत उत्तरों के लिए दण्ड दिया जाएगा।
  - (i) प्रत्येक प्रश्न के लिए चार वैकल्पिक उत्तर हैं। उम्मीदवार द्वारा प्रत्येक प्रश्न के लिए दिए गए एक गलत उत्तर के लिए प्रश्न हेतु नियत किए गए अंकों का एक-तिहाई दण्ड के रूप में काटा जाएगा।
  - (ii) यदि कोई उम्मीदवार एक से अधिक उत्तर देता है, तो इसे गलत उत्तर माना जाएगा, यद्यपि दिए गए उत्तरों में से एक उत्तर सही होता है, फिर भी उस प्रश्न के लिए उपर्युक्तानुसार ही उसी तरह का दण्ड दिया जाएगा।
  - (iii) यदि उम्मीदवार द्वारा कोई प्रश्न हल नहीं किया जाता है अर्थात् उम्मीदवार द्वारा उत्तर नहीं दिया जाता है, तो उस प्रश्न के लिए कोई दण्ड नहीं दिया जाएगा।

जब तक आपको यह परीक्षण पुस्तिका खोलने को न कहा जाए तब तक न खोलें

Note : English version of the instructions is printed on the back cover of this Booklet.

1. Which one of the following tribal groups is dominantly found in the 'Blue Mountains'?

- (a) Lambadas
- (b) Gonds
- (c) Jarawas
- (d) Todas

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. Indravati

Select 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 ( $\text{NO}_2^-$ )
- (b) sulphite ( $\text{SO}_3^{2-}$ )
- (c) nitrate ( $\text{NO}_3^-$ )
- (d) sulphate ( $\text{SO}_4^{2-}$ )

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



8. Human insulin molecule is composed of one  $\alpha$ -chain having 21 amino acids and one  $\beta$ -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  $40^\circ$  with respect to surface normal. When it gets reflected from the mirror, it undergoes a deviation of

- (a)  $40^\circ$
- (b)  $100^\circ$
- (c)  $90^\circ$
- (d)  $80^\circ$

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



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)  $3.01 \times 10^{22}$
- (b)  $1.20 \times 10^{23}$
- (c)  $2.40 \times 10^{23}$
- (d)  $6.02 \times 10^{22}$

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%) is located 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 are 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?

1. The Jain ideas were already being circulated in the seventh century BC by Parshva.
2. 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.
3. The first female disciple of Mahavira is said to have been a captured slave woman.
4. 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 Razi



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) A B C D  
2 4 1 3

✓ (b) A B C D  
2 1 4 3

(c) A B C D  
3 4 1 2

(d) A B C 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) A B C D  
4 2 1 3

(b) A B C D  
4 1 2 3

✓ (c) A B C D  
3 1 2 4

(d) A B C 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) A B C D  
2 1 4 3

✓ (b) A B C D  
2 4 1 3

(c) A B C D  
3 4 1 2

(d) A B C 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-Hyderabad-Bengaluru-Madurai-Kanyakumari

Code :

(a) A B C D  
3 4 2 1

✓ (b) A B C D  
1 2 4 3

(c) A B C D  
1 4 2 3

(d) A B C 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 the above

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 by 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 :

1. 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.
2. In a nuclear reactor, the reaction is controlled, while in nuclear bombs, the reaction is uncontrolled.
3. In a nuclear reactor, all operating reactors are 'critical', while there is no question of 'criticality' in case of a nuclear bomb.
4. 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 bacterial 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 (Type of Deficit)	List-II (Explanation)
A. Fiscal Deficit	1. Total Expenditure - Revenue Receipts & Non-debt 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)	A	B	C	D
	1	2	3	4
(b)	A	B	C	D
	1	3	2	4
(c)	A	B	C	D
	4	2	3	1
(d)	A	B	C	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 Chandra
- (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 (Type 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) A B C D  
2 1 4 3
- (b) A B C D  
3 4 1 2
- (c) A B C D  
3 1 4 2
- (d) A B C 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) A B C D  
2 1 3 4
- (b) A B C D  
4 3 1 2
- (c) A B C D  
4 1 3 2
- (d) A B C D  
2 3 1 4

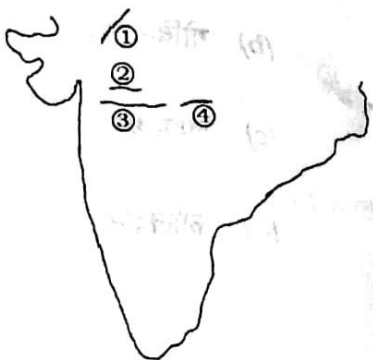


82. Match List-I with List-II and select the correct answer using the code given below the Lists :

List-I  
(Mountain Range)

List-II  
(Location in Map)

- A. Satpura
- B. Vindhya
- C. Aravalli
- D. Mahadeo



Code :

- (a) A B C D  
4 2 1 3
- (b) A B C D  
3 1 2 4
- (c) A B C D  
3 2 1 4
- (d) A B C 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) M. 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  $6^{\circ}45' N$  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)

- A. Bhimtal
- B. Ashtamudi
- C. Gohna
- D. Lonar

List-II  
(Type of Lake)

- 1. Lagoon
- 2. Landslide
- 3. Tectonic
- 4. Crater

Code :

(a) A B C D  
3 1 2 4

(b) A B C D  
3 2 1 4

(c) A B C D  
4 2 1 3

(d) A B C D  
4 1 2 3

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

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

Select the correct answer using the code given below.

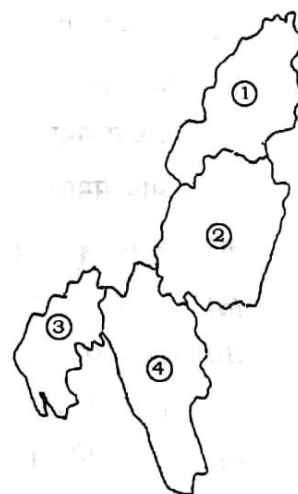
- (a) 2 only
- (b) 1 and 3 only
- (c) 2 and 3 only
- (d) 1, 2 and 3

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

List-I  
(States of NE India)

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

List-II  
(Location in Map)



Code :

(a) A B C D  
2 1 4 3

(b) A B C D  
2 4 1 3

(c) A B C D  
3 1 4 2

(d) A B C D  
3 4 1 2