

2022

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घटना
चक्र

परीक्षा संवाद के 29 वर्ष

UPPSC

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5

Practice
Sets

Answers with Explanation

CASH BACK ₹50



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Contact :

**Sam-Samayik
Ghatna Chakra**

188A/128, Churchlane,
Allenganj, Allahabad-211002
Ph.: 0532-2465524, 2465525
Mob.: 9335140296
e-mail : ssgcald@yahoo.co.in
Website : ssgcp.com
e-shop : shop.ssgcp.com

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Writers & Associates :

- Anubhav Upadhyay
- Rishabh Srivastava
- Alok Tripathi
- Chanchal Tiwari
- Gyan Prakash
- Zubair Ahmad
- Vicky Raj

Preface

In today's ultra-competitive examination ecosystem consistency, practice and revision are the only levers which can unlatch the door of success. Now, to get the pulse of competition, following information is in order: this year over 6 lakh candidates are vying for about 250, meagre UPPCS seats. So, to wade through this quagmire, an aspirant needs to have an extra edge. And only meticulously 'crafted' test series can fulfill all the above mentioned needs. Now, this is where GHATNA CHAKRA comes in, with it's thoroughly updated and with a veneer of real-examination rigour. This 5 test practice set, with comprehensive explanations, would help an aspirant to pass the prelims (UPPSC) with flying colour. We have also provided OMR sheets with each practice set to simulate real-examination conditions.

Best of luck!!!

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Uttar Pradesh Public Service Commission
(Preliminary) Paper
Practice Set-1
(Question Paper for Practice Only)

SUBJECT : GENERAL STUDIES-I

Max. Marks : 200

Time : 2 Hours

अपना अनुक्रमांक/मोबाइल नं. बॉक्स में लिखें (अंकों में/शब्दों में)।

Write your roll number/mobile no. in the box (in numbers/in words).

प्रश्नों के उत्तर के लिए केवल काले बॉल प्वाइंट पेन का प्रयोग करें।

To mark answers use black ball point pen only.

अभ्यर्थी उत्तर-पत्रक पर उत्तर देने से पहले सभी अनुदेशों को सावधानीपूर्वक पढ़ें।

Candidate must read all the instructions before writing the answers.

आपको अपने सभी उत्तर केवल उत्तर-पत्रक पर ही देने हैं।

You are to mark your answers on answer sheet only.

बुकलेट आई.डी./Booklet I.D.

महत्वपूर्ण अनुदेश

- सभी प्रश्नों के उत्तर दीजिए। सभी प्रश्नों के अंक समान हैं।
- उत्तर-पत्रक पर अभ्यर्थी अपना अनुक्रमांक/मोबाइल नं., विषय, प्रश्न-पत्र का सही कोड एवं सीरीज अंकित करें।
- इस प्रश्न-पुस्तिका में 150 प्रश्न हैं। प्रत्येक प्रश्न के चार वैकल्पिक उत्तर दिए गए हैं। अभ्यर्थी सही उत्तर निर्दिष्ट करते हुए उनमें से केवल एक गोले अथवा बबल को उत्तर-पत्रक पर **काले बाल प्वाइंट** पेन से पूरा गहरा कर दें। एक से अधिक उत्तर देने की दशा में प्रश्न के उत्तर को गलत माना जाएगा।
- प्रश्न-पुस्तिका के कवर पेज पर अथवा अंदर कहीं भी कुछ न लिखें। यदि आप रफ कार्य करना चाहते हैं, तो आप इसे अलग वर्किंग शीट पर करें।
- प्रश्न-पुस्तिका खोलने के तुरंत बाद जांच करके देख लें कि प्रश्न-पुस्तिका के सभी पेज भली-भांति छपे हुए हैं।
- गलत उत्तरों के लिए दण्ड :
 - प्रत्येक प्रश्न के लिए चार वैकल्पिक उत्तर हैं। अभ्यर्थी 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।
 - यदि कोई अभ्यर्थी 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।
 - यदि अभ्यर्थी द्वारा कोई प्रश्न हल नहीं किया जाता है अर्थात् अभ्यर्थी द्वारा उत्तर नहीं दिया जाता है, तो उस प्रश्न के लिए कोई दण्ड नहीं दिया जाएगा।

IMPORTANT INSTRUCTIONS

- Answer all questions. All questions carry equal marks.
- The candidate should indicate the correct roll number/mobile no. subject, paper code and its series on the answer sheet.
- This booklet contains 150 questions. Each question has 4 alternative answers. The candidate has to darken only one circle or bubble indicating the correct answer on the answer sheet using **black ball point pen**. If more than one answers are marked, it would be treated as wrong answer.
- Nothing is to be written on the cover page or any other page of this booklet. If you need a working sheet to do your rough work, please do it on separate sheet.
- Please check the booklet issued to you and ensure that all the pages have been printed properly.
- Penalty for wrong answers :

There will be a penalty for wrong answers marked by a candidate in the answer sheet.

 - 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-thirds of the marks assigned to that question will be deducted as penalty.
 - 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.
 - If a question is left blank, i.e., no answer is given by the candidate, there will be no penalty for that question.

General Studies-I (Practice Set-I)

1. Match List I (forms of power sharing) with List II (forms of government) and select the correct answer using the codes given below in the lists:
- List I**
1. Power shared among different organs of government
 2. Power shared among governments at different level
 3. Power shared by different social groups
 4. Power shared by two or more political parties
- List II**
- A. Community government
 - B. Separation of powers
 - C. Coalition government
 - D. Federal government
- | | 1 | 2 | 3 | 4 |
|-------|---|---|---|---|
| (a) D | A | B | C | D |
| (b) B | C | D | A | B |
| (c) B | D | A | C | D |
| (d) C | D | A | B | C |
2. Consider the following two statements on power sharing and select the answer using the codes given below:
- A. Power sharing is good for democracy.**
B. It helps to reduce the possibility of conflict between social groups.
- Which of these statements are true and false?**
- (a) A is true but B is false
 - (b) Both A and B are true
 - (c) Both A and B are false
 - (d) A is false but B is true
3. The distinguishing feature of a federal government is:
- (a) National government gives some powers to the provincial governments.
 - (b) Power is distributed among the legislature, executive and judiciary.
 - (c) Elected officials exercise supreme power in the government.
 - (d) Governmental power is divided between different levels of government.
4. Match List I with List II and select the correct answer using the codes given below the lists:
- | List I | List II |
|--------------------------|-------------------|
| 1. Union of India | A. Prime Minister |
| 2. State | B. Sarpanch |
| 3. Municipal Corporation | C. Governor |
| 4. Gram Panchayat | D. Mayor |
5. In India, seats are reserved for women in
- (a) Lok Sabha
 - (b) State Legislative Assemblies
 - (c) Cabinets
 - (d) Panchayati Raj Bodies
6. When we speak of gender divisions, we usually refer to:
- (a) Biological difference between men and women
 - (b) Unequal roles assigned by the society to men and women
 - (c) Unequal child sex ratio
 - (d) Absence of voting rights for women in democracies
7. Who of the following moved the 'Objective Resolution' in the Constituent Assembly?
- (a) Dr. B.R. Ambedkar
 - (b) P. J.L Nehru
 - (c) Dr. Rajendra Prasad
 - (d) Dr. C.D. Deshmukh
8. First Draft of Indian Constitution was prepared by—
- (a) Sir B. N. Rao
 - (b) Sir Alladi Krishnaswamy Iyer
 - (c) Dr. B.R. Ambedkar,
 - (d) Jawaharlal Nehru
9. The Preamble of the Indian constitution adopted on 26th November 1949 did not include the terms :
- | | |
|--------------|-------------|
| 1. Socialist | 2. Secular |
| 3. Integrity | 4. Republic |
- Select the correct answer from the codes given below :
- (a) 1, 2 and 3
 - (b) 2, 3 and 4
 - (c) 1, 2 and 4
 - (d) 3 and 4
10. Who among the following were the members of the drafting committee of the Constitution?
- (a) Sarojini Naidu
 - (b) Jawaharlal Nehru
 - (c) Alladi Krishnaswami Iyer
 - (d) Sardar Patel
11. Soil respiration is a key indicator of soil health. In this context, soil respiration is dependent on which of the following factors?

1. Texture
 2. Porosity
 3. Temperature
 4. Moisture
 5. pH
- Select the correct answer using the codes given below.
- (a) 1 and 4 only (b) 1, 2, 3 and 5 only
(c) 2, 3, 4 and 5 only (d) 1, 2, 3, 4 and 5
12. Bhutan is surrounded by which of the following Indian States?
 - (a) Assam, Arunachal Pradesh, West Bengal and Sikkim
 - (b) Assam, Mizoram, West Bengal and Bihar
 - (c) Arunachal Pradesh, West Bengal, Meghalaya and Bihar
 - (d) Arunachal Pradesh, Sikkim, Meghalaya and Bihar
 13. Which of the following is the largest Archipelago in the world?
 - (a) Andaman & Nicobar Island
 - (b) Malaysia
 - (c) Indonesia
 - (d) Maldives
 14. Consider the following statements
 - (1) Cold desert lies between Greater Himalayas and Karakoram Range.
 - (2) Kashmir valley lies between Greater Himalayas and Pirpanjal Range.

Select the correct answer from the following codes

(a) Only 1 (b) Only 2
(c) Both 1 and 2 (d) Neither 1 nor 2
 15. Which of the following factors indicate the regional variations in climate of India?
 - (1) Pattern of winds
 - (2) Rhythm of seasons
 - (3) Temperature

Select the correct answer from the following codes

(a) Only 1 (b) Only 1 and 2
(c) Only 2 and 3 (d) 1,2 and 3
 16. Arctic and Alpine are the types of which of the following ecosystems?
 - (a) Tundra (b) Taiga
 - (c) Permafrost (d) Marine
 17. Consider the following statements
 - (1) Increase in night temperature indicates the arrival of western cyclonic disturbances.
 - (2) Tropical cyclones that originate in Indian Ocean are brought to Bay of Bengal by the westerly Jet stream.

Select the correct answer from the following codes

(a) Only 1 (b) Only 2
(c) Both 1 and 2 (d) Neither 1 nor 2
 18. Which of the following is/are true about igneous rocks?
 - (1) Igneous rocks are classified based on texture
 - (2) The few examples of igneous rocks are Granite, Quartzite and Basalt.
 - (3) Igneous rocks are formed by intermediate conditions of cooling of molten magma.

Choose correct statements from the following codes:

(a) Only 1 (b) Only 1 and 3
(c) Only 2 and 3 (d) 1, 2 and 3
 19. Consider the following statements
 - (1) Mica is commonly found in sedimentary and metamorphic rocks.
 - (2) Olivine often found in basaltic rocks is used in jewellery.

Select the correct answer from the following codes:

(a) Only 1 (b) Only 2
(c) Both 1 and 2 (d) Neither 1 nor 2
 20. With regard to the Western Himalayas and the Eastern Himalayas, consider the following-
 1. The ranges of the Eastern Himalayas are more continuous compared to Western Himalayas
 2. The Western Himalayas receive most of the precipitation in the winter months and the Eastern Himalayas in the summer months
 3. Eastern Himalayas are much green and dense compared to Western Himalayas

Choose the correct answer using the codes below.

(a) 1 and 2 only (b) 2 and 3 only
(c) 1 and 3 only (d) All of the above
 21. Water can dissolve more substances than any other liquid because-
 - (a) It is bipolar in nature
 - (b) It is a good conductor of heat
 - (c) It has high value of specific heat
 - (d) It is an oxide of hydrogen
 22. A passenger in a moving bus is thrown forward when the bus suddenly stops. This is explained-
 - (a) By Newton's First Law
 - (b) By Newton's Second Law
 - (c) By Newton's Third Law
 - (d) By the principle of conservation of momentum

23. Which of the following statements is NOT correct about the solid propellant rocket?
- They are heavier than the liquid propellant.
 - They can be used in missiles with longer range.
 - They produce greater thrust than the liquid propellant.
 - They burn faster than liquid propellants.
24. Diamond is hard because -
- It cannot be burnt.
 - It is made up of carbon atoms.
 - It is a giant molecule.
 - All the four valence electrons are bonded to each carbon atom by covalent bonds.
25. From which of the following parts of the Alimentary Canal, the Rennin enzyme is secreted?
- Stomach
 - Mouth
 - Pancreas
 - Duodenum
26. Which of the following immunoglobulins makes the largest percentage in breast milk?
- IgM
 - IgD
 - IgG
 - IgA
27. Antibodies are
- prostaglandins
 - steroids
 - lipoproteins
 - glycoproteins
28. Which of the following systems protects our body against disease-causing microbes?
- Immune system
 - Digestive system
 - Excretory system
 - Respiratory system
29. B-cells and T-cells are two types of cells involved in.
- Innate immunity
 - Active immunity
 - Passive immunity
 - Adaptive immunity
30. Which of the following cells is involved in humoral immunity?
- T-cells
 - B-cells
 - Mast cells
 - Both T and B cells
31. Consider the following statements about Multidimensional Poverty Index (MPI) –
- Uttar Pradesh has the highest proportion of people of the state's population in MPI.
 - The National MPI is prepared by Niti Aayog.
 - According to Global MPI 2021, India's rank is 66 out of 109 countries.
- Select the correct code –
- I and II
 - II and III
 - I and III
 - All of the above
32. Which of the following has been named as the brand ambassador of Uttar Pradesh 'one district one product' scheme?
- Deepika Padukone
 - Vidya Balan
 - Kangana Ranaut
 - Anushka Sharma
33. Recently, the Union Minister of Law and Justice, Kiren Rijju has inaugurated the first Sports Arbitration Centre of India in which of the following places?
- Ahmedabad
 - Gurugram
 - Lucknow
 - Hyderabad
34. Recently, which of the following countries was officially admitted as a full member of the Shanghai Cooperation Organization (SCO)?
- UAE
 - Ukraine
 - Iran
 - Iraq
35. Consider the following statements about Global Startup Ecosystem Report 2021
- It is released by Startup Genome.
 - Delhi ranked 36th globally in this report.
 - Bangaluru ranked 23rd globally in this report
- Select the correct code –
- I and II
 - II and III
 - I and III
 - All of the above
36. Recently, which of the following countries has signed the International Solar Alliance Framework Agreement to become 5th country to open its Membership to all Member States of the United Nations?
- Germany
 - Russia
 - Japan
 - Italy
37. Which of the following was the theme of National Youth Day observed on January 12?
- It's all in the mind
 - Channelizing Youth Power for Nation Building
 - Transforming education
 - Sankalp Se Siddhi
38. Which of the following states is selected to host the Khelo India Games in 2023?
- Tamil Nadu
 - Karnataka
 - Goa
 - Gujarat
39. Recently, which of the following was awarded Sahitya Akademi Yuva Puraskar, 2021 for a debut book 'A Burning'?
- Khalid Hussain
 - Megha Mazumdar
 - Sharddha Garad
 - Umar Farhat

40. G-33 Virtual Informal Ministerial Meeting was hosted by-
- (a) China (b) Indonesia
(c) Japan (d) India
41. The phrase equality before law used in Article 14 has been borrowed from the Constitution of-
- (a) Britain (b) USA
(c) France (d) Canada
42. The idea of Concurrent List in the Indian Constitution has been borrowed from-
- (a) UK (b) Switzerland
(c) Australia (d) Germany
43. Which of the following are considered as parts of the basic structure of the Indian Constitution ?
1. Republic and democratic form of Government
 2. Secular character of the Constitution
 3. Division between Fundamental Rights and Directive Principles of State Policy
 4. Federal character of the Constitution
- Select the correct answer using the codes given below :
- (a) 1, 2 and 3 (b) 2, 3 and 4
(c) 1, 3 and 4 (d) 1, 2 and 4
44. Which article of the Indian Constitution provides for the financial provisions?
- (a) Article 352 (b) Article 356
(c) Article 360 (d) Article 361
45. Which of the following articles deals with the impeachment process against the President of India?
- (a) Article 58 (b) Article 59
(c) Article 60 (d) Article 61
46. Consider the following statements related to Article 368 of the Constitution:
1. A Constitutional Amendment Bill can be passed at a joint session of the Parliament in case of deadlock between both the Houses.
 2. It is obligatory for the President of India to give his assent to a Constitutional Amendment Bill passed under Article 368.
- (a) Only 1 (b) Only 2
(c) Neither 1 nor 2 (d) Both 1 and 2
47. Sixth Schedule to the Constitution of India makes special administrative provisions in regard to the tribal areas in :
- (a) Assam, Meghalaya, Tripura and Mizoram
(b) Meghalaya, Assam, Nagaland and Manipur
(c) Tripura, Manipur, Mizoram and Arunachal Pradesh
(d) Arunachal Pradesh, Nagaland, Assam and Manipur
48. The entry "Public Health and Sanitation" is included in the Constitution of India in -
- (a) Union List (b) State List
(c) Concurrent List (d) None of these
49. Which one of the following languages is not recognized in the Eighth schedule to the Constitution of India?
- (a) Bhojpuri (b) Sanskrit
(c) Urdu (d) Nepali
50. What is the tenure of the Chief Election Commissioner of India?
- (a) Five years
(b) During the 'pleasure' of the President
(c) Six years or till the age of 65 years whichever is earlier
(d) Five years or till the age of 65 years whichever is earlier
51. Peninsular rivers in India are not flooded as much as the Himalayan rivers. The reasons can be?
1. India's peninsular rivers have relatively steep gradients.
 2. There is little variation in flow from the dry to wet seasons.
 3. Most rivers do not form deltas.
- Choose the correct answer using the codes given below.
- (a) 1 and 2 only (b) 2 and 3 only
(c) 1 and 3 only (d) 1 only
52. The atmosphere is a gaseous envelope that surrounds Earth's surface.
- Consider the following statements regarding the Earth's atmosphere.
- (1) Rotation of Earth helps in binding of atmosphere to Earth's surface.
 - (2) It sustains life on the Earth by not allowing Earth to become too hot or too cold.
 - (3) Content of water vapour increases from the equator towards the poles.
- Choose the correct statement/s from the following codes.
- (a) 1, 2 only (b) 2 only
(c) 2, 3 only (d) All the above
53. Consider the following :
1. These clouds are one of the highest clouds in the atmosphere
 2. They are also called thunderheads and produce rains, thunder and lightning
- Select the correct answer based on above statements -
- (a) Stratocumulus (b) Cumulonimbus
(c) Nimbostratus (d) Cirrocumulus

54. Which of the statements are true regarding Equatorial climatic conditions?
1. It is known as latitudinal climate
 2. Low range of temperature is mainly due to the equatorial air mass.
 3. There is no seasonality in this region or there are no distinguished seasons unlike other climatic regions.
- Which of the following statement/s is/are true?
- (a) 3 only (b) 2, 3 only
(c) 1, 2 only (d) All the above.
55. Consider the following statements with respect to "Barail Range"
1. It is the highest hill range in Arunachal Pradesh.
 2. The Barail Range is the watershed between the Brahmaputra and Manas rivers.
- Which of the statements given above is/are correct?
- (a) Only 1 (b) Only 2
(c) Both 1 and 2 (d) Neither 1 nor 2
56. How many Indian start-ups have achieved unicorn status?
- (a) 77 (b) 83
(c) 44 (d) 92
57. Which of the following commodities will become expensive after the Union Budget 2022-23 presentation?
- (a) Umbrella (b) Gemstone
(c) Diamond (d) Imitation Jewelry
58. With reference to the term Consumer surplus, consider the following statements.
1. Consumer surplus explains the situation of a buyers' market where supply exceeds the demand.
 2. Economies with a consumer surplus are developed economies.
- Which of the above statement/s is/are correct?
- (a) 1 only (b) 2 only
(c) Both 1 and 2 (d) Neither 1 nor 2
59. A country's money multiplier depends on which of these factors?
1. Fraction of cash held by individuals and businesses
 2. Fraction of cash banks hold as reserves
- Which of the above statement/s is/are correct?
- (a) 1 only (b) 2 only
(c) Both 1 and 2 (d) Neither 1 nor 2
60. Consider the following statements regarding "Pigovian Tax":
1. It is a tax placed on any goods which creates negative externalities.
 2. Carbon tax is an example of Pigovian Tax. Which of the following codes below given is/are correct?
- (a) Only 1 (b) Only 2
(c) Both 1 and 2 (d) Neither 1 nor 2
61. Narcolepsy is a disease related to -
- (a) Compulsive stealing habits
(b) Forgetting disorder
(c) Frequent attacks of epilepsy
(d) Excessive sleeping disorder
62. In February, 2022, renowned singer Bappi Lahari died from which disease?
- (a) Cancer (b) Kidney Failure
(c) Sleep Apnoea (d) Heart attack
63. Alzheimer's and Osteoporosis are examples of
- (a) Communicable diseases
(b) Degenerative diseases
(c) Non-communicable diseases
(d) None of the above
64. The deficiency diseases can be prevented by
- (a) Prolonged cooking
(b) Eating only fruits
(c) Eating only vegetables
(d) Eating food with good nutritional value
65. Which among the following helps in circulation of blood?
- (a) Lymphocytes (b) Monocytes
(c) Arithrocytes (d) Blood platelets
66. Our bones and teeth are generally made of -
- (a) Hydrolith
(b) Chloropetite
(c) Fluoropetite
(d) Tricalcium Phosphate
67. Colour vision is a disease related to Human eye. It is effected by the presence of:
- (a) Rods (a) Cones
(a) Choroid coat (a) Sclerotic coat
68. The function of oxidiser used in rocket propellants is to:
- (a) Give power to the rocket.
(b) Supply air for fast burning.
(c) Supply oxygen for the burning of fuel.
(d) Provide the basic burning substances.
69. Consider the statements provided below and mark the correct option.
1. DNA fingerprinting uses southern blotting technology to identify the base pair sequences.
 2. It is also known as footprinting.
- Select the correct answer using the codes given below:
- (a) Only 1 (b) Only 2
(c) Both 1 and 2 (d) Neither 1 nor 2

70. Consider the following statements:
 1. Mercury and Venus have no satellites.
 2. Deimos is the satellite of Mars.
 3. Phobos is the satellite of Jupiter.
 Which of the provided options is/are correct?
 (a) Only 1 (b) Both 1 and 2
 (c) Both 1 and 3 (d) All of these.
71. Consider the following.
- | Name of Exercises | Countries |
|-------------------|-----------------------|
| A. Sampriiti | 1. India & Sri Lanka |
| B. Mitra Shakti | 2. India & Bangladesh |
| C. Vajra Prahar | 3. India & Indonesia |
| D. Garuda Shakti | 4. India & US |
- Select the correct code –
- | | A | B | C | D |
|-----|---|---|---|---|
| (a) | 1 | 2 | 3 | 4 |
| (b) | 4 | 3 | 2 | 1 |
| (c) | 2 | 1 | 4 | 3 |
| (d) | 3 | 1 | 2 | 4 |
72. Which of the following states in smaller states category has topped the list in Public Affairs Index (PAI 2021) report?
 (a) Sikkim (b) Goa
 (c) Meghalaya (d) Mizoram
73. In which city of Uttar Pradesh foundation was laid recently to manufacture BrahMos cruise missile?
 (a) Varanasi (b) Ghaziabad
 (c) Meerut (d) Lucknow
74. In which of the following Indian States, Hornbill Festival is celebrated every year in the month of December?
 (a) Assam (b) Manipur
 (c) Nagaland (d) Meghalaya
75. Consider the following –
 I. Sushmita Sen
 II. Harnaaz Kaur Sandhu
 III. Lara Dutta
 IV. Priyanka Chopra
 V. Aishwarya Rai
 Which India's models was/were earlier declared the winner of the Miss Universe ever?
 (a) I, II, III only
 (b) II, III and IV only
 (c) II, III and V only
 (d) II, IV and V Only
76. Which of the following is NOT correctly matched?
 (a) Khijadiya wildlife Sanctuary – Gujarat
 (b) Bakhira Wildlife Sanctuary – Uttar Pradesh
 (c) Haiderpur Wetland – Uttar Pradesh
 (d) Sultanpur National Park – Uttar Pradesh
77. In which of the following cities, India's first para-badminton academy has been set up?
 (a) Hyderabad (b) Pune
 (c) Shimla (d) Lucknow
78. Which of the following options is NOT correctly matched?
 (a) Kyiv – Ukraine
 (b) Nusantara – Indonesia
 (c) Minsk – Latvia
 (d) Vilnius – Lithuania
79. Which State/UT got national level awards for Covid-19 Management & Panchayat Development Index at 24th National Conference on e-Governance held at Hyderabad?
 (a) Uttar Pradesh
 (b) UT of Delhi
 (c) Jammu and Kashmir
 (d) Gujarat
80. The 2022 Winter Olympics in Beijing, China, was held from 4 to 20 February 2022, which of the following countries won the highest medals in this Winter Olympic Games?
 (a) China (b) USA
 (c) Russia (d) Norway
81. According to economic survey 2022, GDP growth in 2021-23 is expected to be-
 (a) 7.5% (b) 8.7%
 (c) 9.2% (d) 10.4%
82. The vapour pressure of liquid depends upon:
 (a) The nature of the liquid taken.
 (b) The temperature of the liquid.
 (c) Both on the amount as well as temperature.
 (d) Neither the amount nor the temperature but only on the nature of the liquid.
83. When the temperature is raised, the viscosity of a liquid decreases. This is because of:
 (a) Decrease in covalent and hydrogen bond forces.
 (b) Decreased volume of the solution.
 (c) Increase in the temperature that increases the average kinetic energy of molecules which overcomes the attractive force between them.
 (d) Increased attraction between the molecules.
84. The unused fat present in the body is-
 (a) Easily destroyed by certain enzymes present in the body.
 (b) Converted into carbohydrates
 (c) Removed as waste from the body
 (d) Reconverted into animal fat and stored in different parts of the body
85. When milk is churned, the cream from it gets separated due to
 (a) Heat
 (b) Frictional Force
 (c) Gravitational Force
 (d) Centrifugal Force

86. Which of the following statements is incorrect about the Lysosome?
- It is a membrane-bound organelle found in the plant as well as animal cells
 - It is also called the suicidal bag of the cell
 - It helps in the synthesis of protein
 - It acts as a dispatch station of protein products received from the endoplasmic reticulum (ER)
87. In which of the following states 'Statue of Equality' was recently inaugurated to commemorate 11th-century Bhakti Saint Sri Ramanujacharya?
- Telangana
 - Andhra Pradesh
 - Karnataka
 - Tamil Nadu
88. Indian Railways is constructing India's first-ever cable-stayed rail bridge over which River?
- Tawi River
 - Anji River
 - Marusudar River
 - Ravi River
89. The world's first DNA-plasmid vaccine for Covid-19 will be brought out by which pharma company that has been Made in India?
- Moderna vaccine
 - Covishield
 - Zyqus Cadila (ZyCoV-D)
 - Johnson & Johnson vaccine
90. Who among the following has been appointed as the first director of the Directorate of Religious Affairs, Uttar Pradesh?
- Vikram Dev
 - Vinodanand Jha
 - Navrang Saini
 - Deepak Agarwal
91. Which of the following two states ranked first and second respectively in the State Energy Efficiency Index 2020 (SEEI 2020), released by the Union Ministry of Power recently?
- Karnataka & Rajasthan
 - Tamil Nadu & Karnataka
 - Tamil Nadu & Maharashtra
 - Karnataka & Maharashtra
92. Consider the following –
- I. Union Commerce and Industry Minister, Piyush Goyal has inaugurated the 40th edition of the India International Trade Fair (IITF) 2021.
- II. The Fair was organized in Patna in Bihar.
- III. Uttar Pradesh and Jharkhand are the partner states for the 40th IITF.
- Which of the above statements is NOT CORRECT?
- I only
 - II and III only
 - I and III only
 - All of the above
93. In which of the following states, India's largest aromatic garden, with over 140 fragrant plant species was inaugurated recently?
- Tamil Nadu
 - Karnataka
 - Himachal Pradesh
 - Uttarakhand
94. Recently, the second edition of the National Tribal Dance Festival has been hosted in which of the following cities?
- Raipur
 - Bhopal
 - Bhilai
 - Durg
95. Who among the following has been appointed as the Chairman of newly constituted development finance institution - National Bank for Financing Infrastructure and Development (NaBFID)?
- Kundapur Vaman Kamath
 - R.V. Raveendran
 - Ashok Bhushan
 - Ujrit Patel
96. In 2022, the Bay of Bengal Initiative for Multi-Sectoral Technical and Economic Cooperation (BIMSTEC) summit will be hosted by which of the following countries?
- Bangladesh
 - India
 - Myanmar
 - Sri Lanka
97. Which of the following apps has been launched by the Election Commission of India (ECI) for digital mapping of all polling stations, to ensure faster, smarter, transparent and timely completion of election work?
- SVEEP
 - Garuda
 - cVigil
 - Election India
98. Which country in the following is NOT added to the 'Grey List' of the Paris-based Financial Action Task Force that also retained Pakistan in that list?
- Turkey
 - Jordan
 - Pakistan
 - Vietnam
99. The Jammu and Kashmir administration has signed a Memorandum of Understanding (MoU) with the govt. of which city for rapid development and growth in the Union Territory?
- Bangkok
 - Beijing
 - Dubai
 - Abu Dhabi

100. "Joint Sea 2021" – a naval exercise, recently held in Peter the Great Gulf, in the Sea of Japan, is between which two countries?
 (a) Russia and China
 (b) India and Russia
 (c) China and North Korea
 (d) India and China
101. Which of the following states has recently banned government employees from participating in politics and elections?
 (a) West Bengal (b) Bihar
 (c) Uttar Pradesh (d) Haryana
102. High Ambition Coalition for Nature and People, a group of more than 70 countries encouraging the adoption of the global goal to protect at least 30 per cent of the world's land and ocean by 2030. Which is the first BRICS country to join this initiative?
 (a) Brazil (b) China
 (c) India (d) South Africa
103. In medieval India khuts and muqaddams were used in context of -
 (a) Judicial officers
 (b) Military powers
 (c) Decreases issued by the king
 (d) Village headmen and landlords
104. What was the correct sequence of the following events?
 1. The Lucknow Pact
 2. The Introduction of Dyarchy
 3. The Rowlatt Act
 4. The Partition of Bengal
 (a) 1, 3, 2, 4 (b) 4, 1, 3, 2
 (c) 1, 2, 3, 4 (d) 4, 3, 2, 1
105. With the reference of administration in Chola Empire, consider the following statements.
 1. Nadu was the smallest unit of administration in Chola empire.
 2. The village in Chola empire practised a system of say government.
 Which statements given above is/are correct?
 (a) 1 only (b) 2 only
 (c) Both 1 and 2 (d) Neither 1 nor 2
106. Which one of the following pairs is not correctly matched?
 (a) Jamnalal Bajaj – Satyagraha Ashram at Wardha
 (b) Dadabhai Naoroji – Bombay Association
 (c) Lala Lajpat Rai – National School at Lahore
 (d) Bal Gangadhar Tilak – Satya Shodhok Samaj.
107. Emperor Harsha's Southward march was stopped on the Narmada river by -
 (a) Pulakesin I (b) Pulakesin II
 (c) Vikramaditya I (d) Vikramaditya II
108. Consider the following pair.
- | Organisation | Leader |
|-----------------------------|----------------------|
| 1. All India Kisan Sabha | Acharya Narendra Dev |
| 2. Forward Block | Subhash Chandra Bose |
| 3. Communist Party of India | P.C. Joshi |
- Which of the pairs given above is/are correctly matched?
 (a) 1 and 3 only (b) 3 only
 (c) 1 and 2 only (d) 2 and 3 only
109. Who among the following participated in the trials of the Indian National Army (INA) prisoners?
 1. Bhulabhai Desai 2. Rajendra Prasad
 3. T.B. Sapru 4. Jawaharlal Nehru
 Select the correct answer using the codes given below.
 (a) 1, 2 and 3 only (b) 1, 3 and 4 only
 (c) 1, 2 and 4 only (d) 2, 3 and 4 only
110. At the time of India's Independence, Mahatma Gandhi was –
 (a) A member of Congress Working Committee
 (b) Not a member of the Congress
 (c) The President of the Congress
 (d) The General Secretary of the Congress
111. The first writer to use Urdu as the medium of poetic expression was -
 (a) Amir Khusrau (b) Mirza Ghalib
 (c) Bahadur Shah Zafar (d) Faiz
112. Buddha's teachings as uttered by him are preserved in the
 (a) Sutta Pitaka
 (b) Vinay Pitaka
 (c) Abhidhamma Pitaka
 (d) None of the above
113. Which one of the following sequences indicates the correct chronological order?
 (a) Shankaracharya, Ramanuja, Chaitanya
 (b) Ramanaya, Shankaracharya, Chaitanya
 (c) Ramanuja, Chaitanya, Shankaracharya
 (d) Shankaracharya, Chaitanya, Ramanuja

114. With reference to modern Indian history, Bankim Chandra Chatterji's novel "Anandamath" is noted for its depiction of the -
 (a) Sanyasi Revolt
 (b) Indigo Revolt
 (c) Paika Rebellion
 (d) Narkelberia Uprising
115. With reference to the religious history of India the term Urs refers to the -
 (a) Death anniversary of a Sufi
 (b) Practise of Pilgrimage
 (c) Rules for spiritual conduct
 (d) Continuous link between master and disciple
116. Consider the following statements in the context of Biochemical Oxygen Demand (BOD)
 1. Water with high BOD is less fit to use.
 2. It is a measure of chemical and organic pollutants.
 Which of the statements given above is/are correct?
 (a) 1 only (b) 2 only
 (c) Both 1 and 2 (d) Neither 1 nor 2
117. Consider the following pairs.
- | International Protocol | Goal |
|--|--|
| 1. Vienna Protocol, 1985 | To reduce the emission of Green-house gases. |
| 2. Intergovernmental panel on climate change | To reduce ozone-depleting substances. |
| 3. Paris Agreement, 2015 | To limit global warming to well below 2°C, preferably to 1.5 degree celsius, compared to pre-industrial level. |
- Which of the pairs given above is/are correctly matched?
 (a) 1 and 2 only (b) 1 and 2 only
 (c) 2 and 3 only (d) 3 only
118. Which of the following acts made provision to grant permission to the christian missionaries for the propagation of religion in India?
 (a) Pitts India Act of 1784
 (b) Charter Act of 1813
 (c) Charter Act of 1833
 (d) Charter Act of 1853
119. Bhakta Tukaram was a contemporary of which Mughal emperor?
 (a) Babur (b) Akbar
 (c) Jahangir (d) Aurangzeb
120. After consolidating his power, Balban assumed the grand title of -
 (a) Tute-i-Hind (b) Kaisar-i-Hind
 (c) Zil-i-Ilahi (d) Din-i-Ilahi
121. Arrange the following rulers during the decline of Mughal empire in proper sequence -
 1. Bahadur Shah 2. Jahandhar Shah
 3. Farrukh Siyar 4. Mohammed Shah
 (a) 1, 2, 3, 4 (b) 2, 4, 3, 1
 (c) 4, 3, 2, 1 (d) 3, 1, 4, 2
122. The term 'Jizyah' during the period of Mughals means -
 (a) Farm tax (b) Temple tax
 (c) Religious tax (d) Entry tax
123. Ryotwari system in India is associated with
 (a) Thomas Munro (b) Cornwallis
 (c) John Shore (d) William Bentinck
124. Arrange the following in their correct order of arrival in India.
 1. French 2. Portuguese
 3. British 4. Dutch
 (a) 2, 3, 4, 1 (b) 4, 2, 3, 1
 (c) 1, 2, 3, 4 (d) 3, 1, 2, 4
125. Heer-Ranjha, a famous romantic epic in Punjabi was written by -
 (a) Bulle Shah (b) Shah Abdul Latif
 (c) Waris Shah (d) Dayaram
126. Which of the following greenhouse gases is the largest contributor to the global warming?
 (a) Nitrogen (b) Carbon-di-oxide
 (c) Water vapour (d) Methane
127. The Rowlatt Act aimed at -
 (a) Compulsory economic support to war efforts
 (b) Suppression of Khilafat movement
 (c) Imposition of restrictions on freedom of the press.
 (d) Imprisonment without trial and summary procedure for trial.
128. Which one of the following Union Ministries implements the Cartagena Protocol on Bio-Safety?
 (a) Ministry of Chemical and Fertilizers
 (b) Ministry of Environment and Forest

- (c) Ministry of Health and Family Welfare
(d) Ministry of Science and Technology
- 129. The non-biotic pollutant in underground water is -**
(a) Bacteria (b) Algae
(c) Viruses (d) Arsenic
- 130. If there was no CO₂ in the earth's atmosphere, the temperature of earth's surface would be -**
(a) Higher than the present
(b) Dependent on the amount of oxygen in the atmosphere
(c) Same as present
(d) Less than the present
- 131. Ocean Colour Monitor Sensors are used to monitor -**
(a) Fish movement (b) Algal blooms
(c) Both (a) & (b) (d) Oil spills
- 132. Thermal power plants in India have been warned about releasing which of the following pollutants?**
(a) SO₂ (b) NO
(c) Hg (d) All of these
- 133. Which among the following is not a target under sustainable development goals?**
(a) Zero poverty
(b) Combat HIV/AIDS, Malaria and other diseases
(c) Quality education
(d) Decent work and economic growth
- 134. In context of environment the term dirty dozen refers to -**
(a) 12 most harmful greenhouse gases
(b) 12 persistent organic pollutants
(c) 12 ozone depleting substances
(d) None of the above
- 135. Assertion (A): Vitamins are invigorating elements, whose small amount is required for good health.**
Reason (R) : Vitamins help to keep the body healthy by killing harmful bacterias.
(a) Both (A) and (R) are true, and (R) is the correct explanation of (A).
(b) Both (A) and (R) are true, but (R) is not the correct explanation of (A).
(c) (A) is true, but (R) is false.
(d) (A) is false, but (R) is true.
- 136. When there is a decrease in the concentration of oxygen in the blood, the rate of breathing :**
(a) decreases
(b) increases
(c) does not change
(d) first decreases, then increases
- 137. A person meets with an accident and needs a blood transfusion but there is no time to check his blood group. Which of the following blood groups could be given to him?**
(a) O⁺ (b) O⁻
(c) AB⁺ (d) AB⁻
- 138. Which of the following statement/s is/are correct?**
(a) All the blood in the body is absorbed through the kidneys.
(b) All the blood in the body passes through the kidneys.
(c) All the blood in the body is filtered through the kidneys
(d) All the blood in the body is made through the kidneys.
- 139. Which one of the following parts of the human brain is the regulating centre for swallowing and vomiting?**
(a) Cerebellum (b) Cerebrum
(c) Medulla Oblongata (d) Pons
- 140. Assertion (A) : The person with diabetes insipidus feels thirsty.**
Reason (R) : A person with diabetes insipidus suffers from excess secretion of vasopressin.
Codes :
(a) Both (A) and (R) are true, and (R) is the correct explanation of (A).
(b) Both (A) and (R) are true, but (R) is not the correct explanation of (A).
(c) (A) is true, but (R) is false.
(d) (A) is false, but (R) is true.
- 141. With reference to the human body, consider the following statements :**
1. The production of somatotropin goes up when a person exercises.
2. Men's testes produce progesterone.
3. Women's adrenal glands secrete testosterone
4. Stress causes the adrenals to release very less amount of cortisol than usual
Which of these statements are correct?
(a) 1, 2, 3 and 4 (b) 1, 2 and 3
(c) 2, 3 and 4 (d) 1 and 4