

RTM- REVISION THROUGH MCQS - January

GS1

Ancient History

1. Consider the following statements regarding the Dholavira.
 1. Here the walls were made of sandstone or limestone instead of mud bricks in many other Harappan sites.
 2. Extensive mortal remains of humans have been discovered at Dholavira.
 3. It was also a hub of manufacturing jewelry made of shells and semi-precious stones.

Which of the statements given above is/are correct?

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

2. Consider the following statements.
 1. Dholavira, the archaeological site of a Harappan-era city is located in Haryana.
 2. Dholavira is the first site of the ancient Indus Valley Civilisation (IVC) in India to get the UNESCO world heritage site tag.

Which of the above statements is/are **incorrect**?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

3. What is the ultimate goal of Buddhism?
 - (a) To attain enlightenment and become a Buddha
 - (b) To achieve salvation through worship of a deity
 - (c) To live a life of luxury and pleasure
 - (d) To reach a state of eternal rest in the afterlife

4. What are the Three Universal Truths in Buddhism?
 - (a) The Three Jewels
 - (b) The Three Bodies of the Buddha
 - (c) The Three Marks of Existence
 - (d) The Three Vehicles of Buddhism

Medieval History

5. Consider the following statements:
 1. Charbagh is a Persian-style garden layout.
 2. This style was brought to India by the Tughlaqs.

Which of the statements above is/are correct?

- (a) 1 only

- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

Culture

6. "VIRAASAT" is a
- (a) marriage festival
 - (b) pilgrimage tour
 - (c) spiritual discourse or sacred gathering
 - (d) none of the above
7. Consider the following statements about Archeological Survey of India (ASI):
1. It is an attached office of the Ministry of Culture (MoC).
 2. It was founded in 1861 by Alexander Cunningham.
- 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
8. Consider the following statements about Ottan Thullal:
1. It is an Indian classical dance form that evolved in the state of Kerala, India.
 2. The thullal performer is supported by a singer who repeats the verses and is accompanied by a mridangam.
- 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
9. What is the primary goal of the Archeological Survey of India?
- (a) To preserve and protect ancient architectural structures
 - (b) To study and research the history of Indian civilization
 - (c) To promote tourism in India
 - (d) To excavate and discover new archaeological sites
10. How does the Archeological Survey of India determine which sites to protect and preserve?
- (a) By identifying sites with significant historical or cultural value
 - (b) By selecting sites that are popular among tourists
 - (c) By choosing sites that are easily accessible
 - (d) By a random selection process
11. Which of the following is NOT a characteristic of Charaideo Moidams in India?
- (a) They are underground burial chambers
 - (b) They are made of stone and brick
 - (c) They are located in the state of Assam
 - (d) They are typically used for cremation ceremonies

12. Consider the following pairs of Traditional Handicraft Toys and states they belong to:

Traditional Handicraft Toys:	State:
1. Etikoppaka toys	Andhra Pradesh
2. Kinnal toys	Karnataka
3. Channapatna toys	Tamil Nadu

Select the correct answer code:

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

13. consider the following pairs:

Craft Heritage of –	Region
1. Puthukkuli shawls —	Tamil Nadu
2. Sujni embroide —	Maharashtra
3. Uppada Jamdani saris —	Karnataka

Select the correct answer using the codes below.

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

14. Who composed the Ramcharitmanas, a Hindu epic poem?

- (a) Kabir das
- (b) Gopal das
- (c) Tulsidas
- (d) Vir das

15. Shumang Leela, the traditional form of theatre celebrated in which of the following states?

- (a) Bihar
- (b) Assam
- (c) Manipur
- (d) Rajasthan

Prize and Awards

16. Consider the following statements about Golden Globe Awards:

- 1. It was started in 1950 and is given by the Hollywood Foreign Press Association annually for American and International film and Television.
- 2. This award is considered an important precursor to the Oscars.
- 3. No Indian movie has won a Golden Globe Award till date.

Which of the statements given above is/are **not correct**?

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

Festivals

17. Which one of the following states is the host of the 'Purple Fest: Celebrating Diversity'?

- (a) Karnataka
- (b) Kerala
- (c) Goa
- (d) Sikkim

18. In which state is the Parshuram Kund Festival celebrated?

- (a) Arunachal Pradesh
- (b) Manipur
- (c) Tripura
- (d) Nagaland

19. Magh Bihu is a harvest festival of

- (a) Sikkim
- (b) Assam
- (c) Ladakh
- (d) Bihar

Sports

20. Sagol Kangjei, an indigenous game of Manipur is similar to the modern day sports of:

- (a) Football
- (b) Horse Racing
- (c) Polo
- (d) Chess

Modern History/Personality

21. Consider the following facts:

1. Sent a British expedition to Tibet.
2. Undertook the restoration of the Taj Mahal.
3. Founded the Imperial Cadet Corps.

Which of the following Viceroy's contributions is mentioned above?

- (a) Lord Rippon
- (b) Lord Curzon
- (c) Lord Chelmsford
- (d) Lord Irwin

22. Consider the following statements:

1. The All-India Kisan Sabha (AIKS) was established at the Lucknow session of the Indian National Congress in 1936.
2. Sahajanand Saraswati was the first President of the All India Kisan Sabha.

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

23. Gandhiji decided to launch a nationwide Satyagraha against the Rowlatt act because the Act provided for

1. Unreasonable detention of political prisoners without trial
2. Ban on political activities
3. Ban on all the local language newspapers and radio

Which of the above statements is/are correct?

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

24. Consider the following statements about Champaran Satyagraha.

1. Gandhi was requested by Rajendra Prasad to look into the problems of the indigo planters of Champaran.
2. The Champaran Satyagraha of 1917 was the first Satyagraha movement inspired by Gandhi.
3. Gandhi's method of inquiry at Champaran was based on the newspaper reports.

Which of the above statements is/are **incorrect**?

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

25. What is the significance of Sabarmati Ashram in the modern history of India?

1. It served as the last residence of Mahatma Gandhi.
2. Salt Satyagraha was started from this Ashram in 1930.
3. It has been declared as a national monument by the Indian government.

Select the correct answer code:

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

Geography

26. What is the process by which warm surface water sinks and is replaced by colder, deeper water in the global overturning circulation?

- (a) Convection
- (b) Upwelling
- (c) Advection
- (d) Thermohaline circulation

Geophysical Phenomena

27. What causes a cyclone to form?

- (a) Warm ocean water and high wind speeds
- (b) Cold ocean water and low wind speeds
- (c) High pressure and low humidity
- (d) Low pressure and high humidity

28. How can people prepare for a cyclone?
- (a) Building a shelter and stocking up on non-perishable food and water
 - (b) Planting trees and building a dam
 - (c) Staying indoors and avoiding all contact with the outside
 - (d) Ignoring the warning signs and continuing with daily activities
29. Which type of seismic wave is faster and can travel through solids, liquids, and gases?
- (a) P-waves
 - (b) S-waves
 - (c) Love waves
 - (d) Rayleigh waves

Physical Geography

30. Consider the following statements:
1. Kalasa-Banduri Nala project involves building across Kalasa and Banduri, two tributaries of the Mahadayi river to divert water to the Ghataprabha river.
 2. Mahadayi river rises in the Western Ghats, from the Mhadei Wildlife Sanctuary.
- Which of the given above statements is/are correct?
- (a) 1 only
 - (b) 2 only
 - (c) Both 1 and 2
 - (d) Neither 1 nor 2
31. Dudhsagar falls lie on which of the following rivers?
- (a) Krishna River
 - (b) Malaprabha River
 - (c) Mahadayi River
 - (d) Ghataprabha River
32. Which of the following pairs is/are correctly matched?
1. Parasnath hill: Jharkhand
 2. Shetrunjay hill: Bihar
 3. Nandi hills: Karnataka
- Select the correct answer using the code below:
- (a) 1 and 2 only
 - (b) 2 and 3 only
 - (c) 1 and 3 only
 - (d) 1, 2 and 3
33. Sunni Dam project is being executed on the
- (a) Ganga River
 - (b) Sutlej River
 - (c) Mahanadi River
 - (d) Narmada River
34. Indira point is located in the southern part of which of the following islands?
- (a) Dharmadam Island

- (b) Great Nicobar Island
- (c) Majuli Island
- (d) Lakshadweep Islands

35. The confluence of Alaknanda and Dhauliganga is at:

- (a) Karna Prayag
- (b) Vishnu Prayag
- (c) Rudra Prayag
- (d) Nanda Prayag

36. Consider the following statements:

1. It originates from Vasudhara Tal, perhaps the largest glacial lake in Uttarakhand.
2. At Devprayag the Alaknanda River converges with the Bhagirathi River.

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

37. Consider the following pairs:

- | Glacier | River |
|----------------|-----------|
| 1. Bandarpunch | Yamuna |
| 2. Bara Shigri | Chenab |
| 3. Milam | Mandakini |
| 4. Siachen | Nubra |
| 5. Zemu | Manas |

Which of the pairs given above are correctly matched?

- (a) 1, 2 and 4
- (b) 1, 3 and 4
- (c) 2 and 5
- (d) 3 and 5

38. In which one of the following states is Kangla Nongpok Thong (Bridge) located?

- (a) Arunachal Pradesh
- (b) Manipur
- (c) Tripura
- (d) Nagaland

39. What are the main geographical features of Qatar?

- (a) Desert and mountains
- (b) Forests and rivers
- (c) Plateau and coastlines
- (d) Hills and valleys

40. What is the largest island in the Indian Ocean?

- (a) Madagascar
- (b) Sri Lanka
- (c) Borneo
- (d) Sumatra

41. Consider the following statements about Loktak Lake:

1. Loktak Lake is a freshwater lake.
2. It is located at Moirang in Manipur state, India.
3. It is famous for the phumdi floating over it.

Which of the statements given above is/are correct?

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

42. Which of the following are right bank tributaries of Dibang River:

1. Tangon
2. Angolin
3. Amlu

Select the correct answer using the code below:

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

43. Which of the following is/are tributary/ tributaries of Brahmaputra?

1. Raidak River
2. Kameng
3. Pranrita

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

44. What is the main characteristic of a plateau?

- (a) A high elevation
- (b) A flat surface
- (c) A gradual slope
- (d) A deep valley

45. Betwa River is the tributary of which of the following rivers?

- (a) Chambal
- (b) Ken
- (c) Yamuna
- (d) Ganga

Economic Geography

46. Consider the following statements:

1. Natural rubber is a native of warm humid Amazon forests.
2. Natural rubber is naturally suited for the colder conditions in the Northeast.
3. Assam is the largest producer of rubber in India.

Which of the given above statements is/are correct?

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

(d) 1, 2 and 3

Places in News

47. Gaza strip, often seen in the news, shares a border with which of the following countries?

1. Syria
2. Egypt
3. Jordan
4. Israel

Select the correct answer code:

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

48. Which of these territories, sometimes seen in news, border the Mediterranean Sea?

1. Gaza strip
2. West Bank
3. Jerusalem

Select the correct answer code:

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

49. The 'Kotia' territory dispute is between the

- (a) Odisha and Andhra Pradesh
- (b) Karnataka and Maharashtra
- (c) Maharashtra and Gujarat
- (d) Andhra Pradesh and Telangana

50. Tons, Giri and Baghain are

- (a) Right bank tributaries of Yamuna
- (b) Right bank tributaries of Brahmaputra
- (c) Left bank tributaries of Yamuna
- (d) Left bank tributaries of Brahmaputra

51. Buckingham canal is situated on:

- (a) Kalinga Coast
- (b) Malabar Coast
- (c) Coromandal Coast
- (d) Kutch Coast

Society and Social Justice

52. The Brasilia Declaration, which was sometimes seen in the news, is related to which of the following?

- (a) Water Pollution Abatement

- (b) Road Safety
- (c) Net-Zero emission target
- (d) Women's rights

GS2

Polity

53. With reference to Lok Adalats, which of the following statements is correct?
- (a) Lok Adalats have the jurisdiction to settle the matters at pre litigative stage and not those matters pending before any court
 - (b) Lok Adalats have no jurisdiction in respect of any case or matter relating to an offence not compoundable under any law.
 - (c) Every Lok Adalat consists of either serving or retired judicial officers only and not any other person
 - (d) None of the statements given above is correct
54. With reference to Lok Adalats, which of the following statements is not correct?
- (a) The first Lok Adalat camp in the post-independence era was organized in Gujarat in 1982.
 - (b) There is no provision for an appeal against the verdict made by Lok Adalat.
 - (c) There is no court fee payable when a matter is filed in a Lok Adalat.
 - (d) All of the statements given above are correct.
55. Consider the following statements:
1. The Chief Justice of India is the Executive Chairman of the NALSA
 2. There is no court fee payable when a matter is filed in a Lok Adalat
 3. The jurisdiction of the Permanent Lok Adalats is upto 25 lakhs
- Which of the given above statements is/are correct?
- (a) 1 and 3 only
 - (b) 2 only
 - (c) 2 and 3 only
 - (d) 1, 2 and 3
56. The fundamental right of "Freedom of speech and expression" has been interpreted by the law courts to include which of the following rights?
1. Right to know about government activities.
 2. Freedom of silence.
 3. Right to strike
 4. Right against imposition of pre-censorship on a newspaper.
- Select the correct answer using the code below:
- (a) 1 and 2 only
 - (b) 1, 2 and 4 only
 - (c) 3 and 4 only
 - (d) 1, 2, 3 and 4
57. With reference to Article 19 of Constitution of India, consider the following statements.
1. The right to freedom of movement grants every citizen the unrestricted right to travel anywhere on the country's territory.

2. All citizens are given the right to practice any profession or to carry on any occupation, trade or business

Which of the above statements is/are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

58. Consider the following statements about National Commission for Indian Medicine (NCISM):

1. It is a statutory body.
2. It was set up to regulate the Indian system of medical education.

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

59. The Sixth Schedule of the Indian Constitution established Autonomous District Councils (ADC) in

1. Assam
2. Meghalaya
3. Tripura
4. Mizoram

Select the correct answer using the code below:

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

60. Navtej Singh Johar and others Vs Union of India, in this case Supreme Court give importance judgment related with:

- (a) Freedom of Religion
- (b) Right to Education
- (c) Homosexuality
- (d) Right to Marriage

61. Consider the following statements regarding Uniform Civil Code.

1. A Uniform Civil Code is one that would provide for one law for the entire country, applicable to all religious communities in their personal matters such as marriage, divorce, inheritance and adoption.
2. Article 44 of the Constitution lays down that it shall be the obligation of the state to secure a Uniform Civil Code for the citizens throughout the territory of India.

Which of the above statements is/are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

62. The Directive Principles are non-justiciable in nature. This implies that

1. A citizen cannot move the court if the government fails to legally enforce the directive principles or even violate them in some instances.

2. The government cannot enact laws to implement directive principles.
Select the correct answer using the code below:

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

63. Consider the following statements about Motion of Thanks.

- 1. It is addressed by the Leader of the House.
- 2. The motion is put to vote in both the houses of the parliament.
- 3. It is addressed at the beginning of every new session of the Parliament.

Which of the above statements is/are **incorrect**?

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

64. Consider the following statements regarding the office of the governor as mentioned in the constitution of India:

- 1. His office is constitutionally under the control and subordinate to the Central government.
- 2. The Governor of a particular state should not belong to that state.
- 3. The President of India must consult the Chief Minister of the concerned state before making the appointment of the Governor of that state.

Which of the above statements is/are correct?

- (a) 1 and 2 only
- (b) 2 and 3 only
- (c) 1 and 3 only
- (d) None of the above

65. Consider the following statements:

- 1. No criminal proceedings shall be instituted against the governor of a state in any court during his term of office
- 2. Emoluments and allowances of the governor of a state shall not be diminished during his term of office.

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

66. Which one of the following suggested that the Governor should be an eminent person from outside the State and should be a detached figure without intense political links or should not have taken part in politics in the recent past?

- (a) First Administrative Reforms Commission (1966)
- (b) Rajamannar Committee (1969)
- (c) Sarkaria Commission (1983)
- (d) National Commission to Review the Working of the Constitution (2000)

67. Consider the following statements about Defence Acquisition Council:

- 1. It is the highest decision-making body of the defence ministry on procurement.
- 2. The Minister of Defence is the Chairman of the Council.

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

68. The Parliament can amend the Constitution subjected to the limit of

- (a) Directive Principles of State Policy
- (b) Basic Structure of the Constitution
- (c) Altering the division of power between Centre and States
- (d) Text of the Preamble

69. Consider the following statements about National Commission for Protection of Child Rights (NCPCR):

1. It is an Indian statutory body established by an Act of Parliament – the Commission for Protection of Child Rights (CPCR) Act, 2005.
2. The Commission works under the aegis of the Union Ministry of Women and Child Development and became operational in 2007.
3. As defined by the commission, a child includes a person up to the age of 18 years.

Which of the statements given above is/are correct?

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

70. Consider the following statements about the Office of the Registrar General of India:

1. The Office of the Registrar General of India is mandatory for the inclusion of any community in Scheduled Tribes (STs) lists, as per the procedure for scheduling tribes.
2. It is under the Ministry of Statistics and Programme Implementation (MoSPI).

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

71. The process to include tribes in the Scheduled Tribe (ST) list begins with the recommendation from the

- (a) President of India
- (b) Cabinet
- (c) Parliament
- (d) State governments

72. What is the main purpose of the National Commission for Protection of Child Rights (NCPCR)?

- (a) To protect the rights of children in India
- (b) To enforce laws related to child labor
- (c) To provide education and healthcare for children
- (d) To promote adoption and foster care

73. What is the main purpose of the Governor's Address to the State Legislature?
- To outline the legislative agenda for the upcoming session
 - To discuss the state's budget and financial plans
 - To review the state's progress and achievements in the previous year
 - All of the above

74. Consider the following statements:

- The Governor of a State is appointed by the President for a term of five years and holds office during his pleasure.
- Only Indian citizens above 35 years of age are eligible for appointment to this office.
- Executive power of the State is vested in the Governor.

Which of the statements given above is/are correct?

- 1 and 2 only
- 2 and 3 only
- 1 and 3 only
- 1, 2 and 3

75. What is the criteria for appointment of Chief Justice of India?

- Seniority
- Merit
- Political Affiliation
- Both a and b

76. What function does India's judiciary's collegium system serve?

- To appoint judges to the lower courts
- To appoint judges to the higher courts
- To oversee the performance of judges in the lower courts
- To oversee the performance of judges in the higher courts

Select the correct answer using the code below:

- 1 and 2 only
- 1, 3 and 4 only
- 2 and 4 only
- 2 only

77. Which of the following statements about fake news is true?

- Fake news is always created with the intent to deceive.
- Fake news is only found on social media platforms.
- Fake news is a new phenomenon, only appearing in recent years.
- None of the above

78. How can individuals protect themselves from falling for fake news?

- Only reading news from reputable sources
- Checking multiple sources for the same story
- Being skeptical of clickbait headlines
- All of the above

79. Consider the following statements about Forest Advisory Committee:

- It is a statutory body of the Ministry of Environment Forests and Climate Change (MoEFCC).
- It was formed under the Wildlife Protection Act 1972.

Which of the statements given above is/are correct?

- 1 only

- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

80. Consider the following statements about National Skill Development Corporation (NSDC):

1. It is a non-profit public limited company.
2. The Government of India, through the Ministry of Skill Development and Entrepreneurship (MSDE), owns 51% of NSDC, while the private sector owns the remaining 49%.

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

81. Which of the following best defines "Constitutional morality"?

- (a) The set of moral principles established in a country's constitution
- (b) The belief that the government should promote traditional values
- (c) The idea that individual rights should be protected by the constitution
- (d) The principle that the constitution should be interpreted in a way that maximizes social welfare.

82. Which of the following is an example of constitutional morality in action?

- (a) A government policy that encourages citizens to attend religious services
- (b) A court decision striking down a law that restricts freedom of speech
- (c) A law that establishes a national religion
- (d) A policy that provides economic incentives for citizens to have more children

83. Consider the following statements regarding appointment of Supreme Court judges.

1. The Chief Justice of India and the Judges of the Supreme Court are appointed by the President of India.
2. Whenever there is any doubt about the senior most Judge to hold the office of the Chief Justice of India, the matter is decided by the Parliament.
3. For appointing Judges of the Supreme Court, the recommendation of collegium to the President is binding during the first instance.

Which of the above statements is/are correct?

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

84. What is the main argument against the use of the death penalty?

1. It is too costly
2. It is morally wrong
3. It is not an effective deterrent
4. It can lead to the execution of innocent people

Select the correct answer using the code below:

- (a) 2 and 3 only
- (b) 2 only

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

85. What are some arguments in favor of euthanasia?

1. It allows for personal autonomy and the right to die with dignity
2. It can relieve suffering and improve quality of life
3. It can save healthcare resources and reduce costs

Select the correct answer using the code below:

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

86. A doctor is asked to participate in a government-sanctioned interrogation of a prisoner. What should the doctor do in this situation?

- (a) Agree to participate in the interrogation
- (b) Refuse to participate in the interrogation and report the request to their superiors
- (c) Participate in the interrogation but only under strict guidelines to ensure the safety and well-being of the prisoner
- (d) Report the request to participate in the interrogation to the appropriate authorities

87. A patient has been diagnosed with a serious illness and is refusing treatment. As a doctor, what is the ethical course of action?

- (a) Force the patient to undergo treatment against their will
- (b) Respect the patient's autonomy and allow them to make their own decision
- (c) Seek court intervention to have the patient declared incompetent and force treatment
- (d) Consult with family members and seek guidance from medical ethical boards

88. Consider the following statements about Competition Commission of India:

1. It is a statutory body of the Government of India responsible for enforcing the Competition Act, 2002.
2. It consists of one Chairperson and six Members who shall be appointed by the President of India.

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

89. Consider the following statements about the Finance Commission of India:

1. It consists of five members besides the Chairperson.
2. The qualifications have been originally given in the Constitution.

Which of the statements above is/are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

90. Consider the following statements about the Finance Commission of India:

1. It is constituted by the President every five years or even earlier.
2. The Chairman of the Finance Commission must be a person having experience in financial matters and administration.

Which of the statements above is/are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

Government Initiative and Policies

91. The 'Eat Right Station' certification is awarded by

- (a) Bureau of Indian Standards
- (b) Food Safety and Standards Authority of India
- (c) Quality Council of India
- (d) none of the above

92. Consider the following statements about Pradhan Mantri Vaya Vandana Yojana (PMVVY):

1. It is a Pension Scheme exclusively for the senior citizens aged 60 years and above.
2. The Scheme can be purchased offline as well as online through Life Insurance Corporation (LIC) of India which has been given the sole privilege to operate this Scheme.
3. One can invest a maximum amount of ₹15 lakh under Pradhan Mantri Vaya Vandana Yojana (PMVVY) scheme.

Which of the statements given above is/are correct?

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

93. Consider the following statements:

1. Inland Waterways Authority of India is the statutory authority in charge of the waterways in India.
2. IWAI works under the aegis of the Ministry of Jal Shakti.

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

94. Consider the following statements about BIND Scheme:

1. It is a central sector Scheme.
2. It aims to actively enhance interaction between people of diverse cultures living in different States and UTs in India.

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

95. Consider the following statements about Pravasi Bhartiya Divas

1. Pravasi Bharatiya Divas (PBD) is celebrated every year to strengthen the engagement of the overseas Indian community with the Government of India.
2. Selected overseas Indians are also honored with Pravasi Bharatiya Samman Award.
3. The first chapter of Pravasi Bharatiya Divas was held in 2000.

Which of the above statements is/are correct?

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

96. Which of the following is the nodal ministry for the PM Garbi Kalyan Ann Yojana (PMGKAY)?

- (a) Ministry of Finance
- (b) Ministry of Social Justice and Empowerment
- (c) Ministry of Consumer Affairs, Food & Public Distribution
- (d) Ministry of Home Affairs

97. MAARG Portal is an initiative of the

- (a) National Highways Authority of India
- (b) Reserve Bank of India
- (c) Department for Promotion of Industry and Internal Trade
- (d) NITI Aayog

98. Consider the following statements about PARAKH:

1. It has been launched as part of the implementation of the National Education Policy (NEP)-2020.
2. It promotes creative learning instead of mugging up.

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

99. Consider the following statements about Grameen Udyami Scheme:

1. It was launched by National Skill Development Corporation (NSDC).
2. It was launched to augment skill training in tribal communities for inclusive and sustainable growth.

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

100. Consider the following statements about the PRASAD Scheme:

1. The Government of India launched the PRASAD scheme in the year 2014-2015 under the Ministry of Tourism.
2. This scheme focuses on developing and identifying pilgrimage sites across India for enriching the religious tourism experience.

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

101. Consider the following statements about Pradhan Mantri Kisan Samman Nidhi (PM-KISAN):

1. It is a Central Sector Scheme with 100% funding from the Government of India.
2. Under the scheme, the Centre transfers an amount of Rs 6,000 per year, in three equal installments, directly into the bank accounts of all landholding farmers irrespective of the size of their land holdings.
3. It is being implemented by the Ministry of Agriculture and Farmers Welfare.

Which of the statements given above is/are correct?

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

102. What are the benefits of Digital Public Goods?

- (a) They can increase access to information and resources for all
- (b) They can promote innovation and collaboration
- (c) They can reduce costs for individuals and organizations
- (d) All of the above

103. Consider the following statements about the Monument Mitra Scheme:

1. The Scheme was started a few years back under the Ministry of Culture.
2. Under the scheme, monument amenities will be revamped by the Civil Society and selected NGOs only.

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

104. Which of the following is **not** a feature of the Android Open-Source Project?

1. Customizable user interface
2. Access to the source code
3. Integration with Apple's iOS operating system
4. Support for third-party app development

Select the answer using the code below:

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

105. Which of the following are the main features of the Android operating system?

1. Multi-tasking and customizable home screen
2. Compatibility with all hardware components
3. Fast and efficient data processing
4. Integration with Google services

Select the correct answer using the code below:

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

International News and Organization

106. With reference to Wassenaar Arrangement, consider the following statements:

1. It is a voluntary export control regime whose members exchange information on transfers of conventional weapons and dual-use goods and technologies.
2. It has 42 member states comprising mostly NATO (North Atlantic Treaty Organization) and EU states.
3. Its Secretariat is in Vienna, Austria.

Which of the statements given above is/are correct?

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

107. Consider the following statements:

1. Asian Pacific Postal Union (APPU) is an intergovernmental organization of 32 member countries of the Asia-Pacific region.
2. APPU is the only restricted union of the Universal Postal Union (UPU) in the region, which is a specialized agency of the United Nations.

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

108. Bhopal Declaration was in news recently, is associated with

- (a) Road safety
- (b) Police reforms
- (c) Sustainable agriculture
- (d) None of the above

109. What is the main goal of the G-20 organization?

1. To promote international trade and sustainable agriculture
2. To address global economic and financial issues
3. To improve relations between nations

Select the correct answer using the code below:

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

110. Consider the following statements about the Indus Waters Treaty (IWT).

1. It is a water-distribution treaty between India and Pakistan, brokered by the United States of America.
2. The treaty allows India to use the western river waters for limited irrigation use and unlimited non-consumptive use for such applications as power generation.

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

GS3

Economy

111. Which one of the following is not the most likely measure the Government/RBI takes to stop the slide of the Indian rupee?

- (a) Curbing imports of non-essential goods-and promoting exports
- (b) Encouraging Indian borrowers to issue rupee denominated Masala Bonds
- (c) Easing conditions relating to external commercial borrowing
- (d) Following an expansionary monetary policy

112. Which of the following can lead to Demand-Pull Inflation?

1. A growing economy
2. Increase in Forex reserves
3. Deficit financing by the government
4. Depreciation of rupee

Select the correct answer code:

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

113. Consider the following statements regarding Imported Inflation.

1. When the general price level rises in a country because of the rise in prices of imported commodities, inflation is termed as imported.
2. The weakening of the domestic currency may lead to imported inflation in the country.

Which of the above statements is/are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

114. Consider the following statements about Investor Education and Protection Fund (IEPF)

1. It is managed by the Reserve Bank of India.
2. It comes under the aegis of the Ministry of Corporate Affairs.

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

115. Consider the following statements about Higher Education Financing Agency (HEFA):

1. It was set up by the Centre in 2017 to upgrade the education infrastructure in the higher education institutions under the Government of India.
2. It was set up as a non-profit Non-Banking Financing Company (NBFC).
3. The government expanded the scope of HEFA in 2018 under the Revitalizing Infrastructure and Systems in Education or RISE by 2022 initiative.

Which of the statements given above is/are correct?

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

116. Utkarsh 2.0 is a

- (a) LIC's revamped mutual fund scheme
- (b) RBI's Medium-term strategy framework
- (c) SEBI's new trading policy
- (d) ISRO's restructured innovation framework

117. Consider the following statements about National Single window system (NSWS):

1. It was created by the Ministry of Finance.
2. The portal is envisioned as a one-stop shop for investors for taking all the regulatory approvals and services related to investments.

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

118. Which of the following adopted a law on data protection and privacy for its citizens known as 'General Data Protection Regulation'?

- (a) Australia
- (b) Canada
- (c) The European Union
- (d) The United States of America

119. Consider the following statements about National Payments Corporation of India (NPCI):

1. It is an initiative of the Reserve Bank of India (RBI) and Indian Banks Association (IBA) under the provisions of the Banking Regulation Act, 1949.
2. It has developed the National Electronic Toll Collection (NETC) program to meet the electronic tolling requirements of the Indian market.

Which of the given above statements is/are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2

(d) Neither 1 nor 2

120. Consider the following statements about Unified Payments Interface (UPI):
1. It is an instant real-time payment system jointly developed by National Informatics Centre (NIC) and Centre for Development of Advanced Computing (C-DAC).
 2. It caters to the “Peer to Peer” collect request which can be scheduled and paid as per requirement and convenience.

Which of the given above statements is/are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

121. Technical textiles are:

- (a) the high-tenacity fibres which are lightest and toughest fabrics mainly used in automobile and aerospace industries
- (b) the toughest fabrics which are much heavier than polyester and used in power industries
- (c) the toughest fabrics having rigidity mainly used in polyhouse construction
- (d) the high-tenacity fabrics having fire resistance property

122. Which of the following is issued by registered foreign portfolio investors to overseas investors who want to be part of the Indian stock market without registering themselves directly?

- (a) Certificate of Deposit
- (b) Commercial Paper
- (c) Promissory Note
- (d) Participatory Note

123. Which of the following is/are the major traits of Recession?

1. There is a general fall in demand
2. Inflation remains lower or/and shows further signs of falling down
3. Unemployment rate falls/ employment rate grows

Select the correct answer code:

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

124. Which of the following is/are the major traits of the Recovery phase business cycle?

1. An upturn in aggregate (total) demand.
2. Unemployment rate starts declining.
3. New investments become attractive
4. Inflation moves upward making borrowing cheaper for investors.

Select the correct answer using the code below:

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

125. Which of the following best describes the term “Merchant Discount Rate” sometimes seen in news?
- The incentive given by a bank to a merchant for accepting payments through debit cards pertaining to that bank.
 - The amount paid back by banks to their customers when they use debit cards for financial transactions for purchasing goods or services.
 - The charge to a merchant by a bank for accepting payments from his customers through the bank’s debit cards.
 - The incentive given by the Government to merchants for promoting digital payments by their customers through Point of Sale (PoS) machine and debit cards.

126. Cost-Push Inflation is caused due to which of the following reasons?
- Hoarding and Speculation of commodities
 - Defective Supply chain
 - Depreciation of Currency
 - Crude oil price fluctuation
 - Low growth of Agricultural sector

Select the correct answer using the code below:

- 1, 2, 3 and 4 only
- 1, 3, 4 and 5 only
- 2, 3, 4 and 5 only
- 1, 2, 3, 4 and 5

127. Consider the following statements.
- When an economy goes through a phase of high inflation, there are chances that the unemployment rate will fall.
 - High inflation can lower the purchasing power of the consumer.
 - The RBI monetary policy has a direct impact on controlling “cost-push” inflation.

Which of the above statements is/are correct?

- 1 and 2 only
- 1 and 3 only
- 2 only
- 2 and 3 only

128. Which of the following can lead to Demand-Pull Inflation?
- A growing economy
 - Increase in Forex reserves
 - Deficit financing by the government
 - Depreciation of rupee

Select the correct answer using the code below:

- 1, 2 and 3 only
- 1, 3 and 4 only
- 2 and 3 only
- 1, 2, 3 and 4

129. Consider the following statements.
- Nominal GDP is calculated in a way such that the goods and services are evaluated at some constant set of prices.

2. If the Real GDP changes, it implies that the volume of production is undergoing changes.
3. The ratio of nominal GDP to real GDP gives us an idea of how the prices have moved from the base year to the current year.

Which of the above statements is/are correct?

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

130. Consider the following statements regarding the Sovereign Gold Bond Scheme.

1. Bonds can be used as collateral for loans.
2. The minimum permissible investment limit will be 1 gram of gold for individuals.
3. Both resident and non resident Indian entities can invest in Sovereign Gold Bond Scheme.

Which of the above statements is/are correct?

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

131. Consider the following statements regarding Green bonds.

1. Green bonds are debt instruments that can be used by governments and their entities, international organizations as well as the private sector to raise money for projects that contribute to climate mitigation or adaptation.
2. India is one of the largest issuers of Green bonds by the Central and state governments.

Which of the above statements is/are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

132. The world's first Wildlife Conservation Bond – also known as 'the Rhino Bond' – has been issued by

- (a) United Nations Environment Programme
- (b) World Trade Organization
- (c) International Monetary Fund
- (d) World Bank

133. Consider the following statements about the Unified Payments Interface (UPI):

1. It is a real-time payment system to link multiple bank accounts into a single mobile application.
2. It works by SIM binding and is allowed only for Indian mobile numbers.
3. It caters to the “Peer to Peer” collect request which can be scheduled and paid as per requirement and convenience.

Which of the statements given above is/are correct?

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

134. Consider the following statements about National Payments Corporation of India (NPCI):
1. It is an initiative of the Reserve Bank of India (RBI) and the State Bank of India (SBI).
 2. It facilitates payments such as UPI Payment and SWIFT Payment.
- 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
135. What is the purpose of a credit default swap?
- (a) To transfer the credit risk of a borrower to another party
 - (b) To increase the borrowing limit of a borrower
 - (c) To lower the interest rate on a loan
 - (d) To improve the credit score of a borrower
136. What is the primary purpose of India's National Coal Index (NCI)?
- (a) To track the price of coal in the domestic market
 - (b) To monitor the production and export of coal in India
 - (c) To measure the quality of coal produced in India
 - (d) To evaluate the environmental impact of coal mining in India
137. What is the main factor that determines a country's total fertility rate (TFR)?
- (a) The number of children per woman
 - (b) The number of women of childbearing age
 - (c) The number of marriages in a country
 - (d) The number of births per year
138. How does a country's total fertility rate (TFR) relate to population growth?
- (a) A higher TFR leads to population decline
 - (b) A higher TFR leads to population growth
 - (c) A lower TFR leads to population decline
 - (d) A lower TFR leads to population growth
139. What are the main functions of the United Nations Security Council?
- (a) To maintain international peace and security
 - (b) To promote human rights and economic development
 - (c) To resolve disputes between member states
 - (d) All of the above
140. Consider the following statements about Financial Action Task Force:
1. It is an intergovernmental organization founded in 1989 on the initiative of the G7 to develop policies to combat money laundering.
 2. It operates from Organisation for Economic Cooperation and Development (OECD) headquarters in Paris.
 3. In 2001, its mandate was expanded to include terror financing.
- Which of the statements given above is/are correct?
- (a) 1 and 2 only

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

141. What is the main difference between the primary and secondary markets?
- (a) The primary market is where securities are traded on the stock exchange, while the secondary market is where securities are sold directly to the public.
 - (b) The primary market is where securities are traded among institutional investors, while the secondary market is where securities are traded among retail investors.
 - (c) The primary market is where securities are traded among foreign investors, while the secondary market is where securities are traded among domestic investors.
 - (d) The primary market is where new securities are issued and sold to the public, while the secondary market is where existing securities are traded among investors.
142. Consider the following statements about Additional Tier-1 (AT1) bonds:
1. These bonds were introduced during the global financial crisis by the Basel accord.
 2. AT1 bonds are a type of perpetual debt instrument with no maturity date.
- 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
143. Consider the following statements about National Company Law Appellate Tribunal:
1. It is a tribunal which was formed by the Central Government of India under the Companies Act, 2013.
 2. It has both original Jurisdiction and Appellate Jurisdiction.
- 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
144. Consider the following statement:
1. Ganjam kewda oil is steam-distilled from the flower of the aromatic screw pine plant and used as an aromatic in the food industry.
 2. It is registered under the Geographical Indications of Goods (Registration and Protection) Act, 1999 by the Government of India.
- 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
145. A manager is faced with a dilemma regarding the treatment of employees. The manager must decide whether to:

- (a) Implement strict performance metrics, prioritizing efficiency and productivity
- (b) Prioritize employee well-being and job satisfaction, even if it means sacrificing efficiency and productivity
- (c) Balance efficiency and productivity with employee well-being and job satisfaction
- (d) Seek outside counsel to make a decision

146. Consider the following statements:

1. Jawaharlal Nehru presented the 1st Union Budget of independent India on Nov 26, 1947.
2. Till 2017 Rail Budget and Union Budget came separately but now both are merged together.
3. Jawaharlal Nehru and Indira Gandhi are the only prime ministers to have presented a Budget.

Which of the statements given above is/are correct?

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

147. In a situation where a company's CEO is facing pressure from shareholders to increase profits, but employees are raising concerns about unsafe working conditions, which of the following actions would be considered the most ethical response for the CEO to take?

- (a) Ignore the employees' concerns and focus on increasing profits for shareholders
- (b) Address the employees' concerns and implement safety measures, even if it means sacrificing some profits
- (c) Balance the concerns of both shareholders and employees by finding a compromise that addresses safety while still increasing profits
- (d) Resign from the CEO position and leave the company to deal with the ethical dilemma

148. What is an inclusive circular economy?

- (a) A model of production and consumption in which resources are kept in use for as long as possible, minimizing waste and pollution.
- (b) A system in which waste and resources are repurposed, reducing the need for new production, but not considering social equity.
- (c) A model of production and consumption in which waste and resources are repurposed, reducing the need for new production, while considering social equity and environmental sustainability.
- (d) A system in which waste and resources are kept in use for as long as possible, maximizing waste and pollution.

149. Consider the following statements:

1. Pashmina is a type of wool produced from the undercoat of the chiru antelopes.
2. It is a GI-certified wool that has its origin in the Kashmir region of India.

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

150. What are the advantages of using M Sand over river sand in construction?
1. It is more eco-friendly
 2. It has better consistency in size and shape
 3. It is cheaper than river sand

Select the correct answer using the code below:

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

Reports and Indices

151. A report titled 'Working Time and Work-Life Balance Around the World' has been recently released by the

- (a) WEF
- (b) UNDP
- (c) WTO
- (d) ILO

152. Global Risk Report is released by which of the following?

- (a) WEF
- (b) WB
- (c) IMF
- (d) WWF

153. World Social Report 2023 is released by

- (a) ILO
- (b) UNICEF
- (c) UNDP
- (d) UN DESA

154. Annual Status of Education Report (ASER) is published by the

- (a) Aahwahan Foundation
- (b) Udaan India Foundation
- (c) Pratham
- (d) none of the above

155. Which one of the following has launched the "Giving to Amplify Earth Action" (GAEA) initiative?

- (a) WEF
- (b) UNDP
- (c) IUCN
- (d) UNEP

156. "Survival of the Richest" report is released by

- (a) WTO
- (b) Oxfam International
- (c) Amnesty international

- (d) WEF
157. "Countdown to 2023" report is published by
(a) WHO
(b) UNDP
(c) IMF
(d) UNEP
158. The Global Gender Gap Index is released by
(a) UNDP
(b) UNESCO
(c) WEF
(d) UNICEF
159. World Economic Situation and Prospects report is published by
(a) IMF
(b) UNDP
(c) WTO
(d) None of the above

Energy

160. Consider the following statements.
1. Hydrogen in its pure form is the most abundant element available on Earth.
2. Since Hydrogen has higher energy density than that of diesel, it makes it a rich source of energy.
Which of the above statements is/are correct?
(a) 1 only
(b) 2 only
(c) Both 1 and 2
(d) Neither 1 nor 2
161. Consider the following statements regarding Green Hydrogen.
1. Green Hydrogen is the hydrogen generated through renewable energy sources and the carbon generated from the process is captured and stored without dispersing it in the atmosphere.
2. The major challenge in the usage of green hydrogen will be its storage, because it requires large volumes for its storage.
Which of the above statements is/are correct?
(a) 1 only
(b) 2 only
(c) Both 1 and 2
(d) Neither 1 nor 2
162. consider the following statements:
1. The National Hydrogen Mission was launched with a view to cutting down carbon emissions and increasing the use of renewable sources of energy.
2. The Ministry of Power will formulate the scheme guidelines for implementation.
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

163. LNG stands for
- (a) Liquefied Nitrogen Gas
 - (b) Liquid Nitrogen Gas
 - (c) Liquefied Natural Gas
 - (d) Liquid Nitrous Gas

164. Consider the following statements Bureau of Energy Efficiency (BEE):
1. It is a statutory body that works under the aegis of the Ministry of Power.
 2. The Star Labeling Programme has been formulated by the Bureau of Energy Efficiency, under the Energy Conservation Act, 2001.

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

165. What is the process used to convert natural gas to LNG?
- (a) Compression
 - (b) Cooling
 - (c) Combustion
 - (d) Distillation

166. What are the advantages of using LNG as a fuel source?
1. It is cheaper than other fossil fuels
 2. It is more environmentally friendly
 3. It has a higher energy density than natural gas

Select the correct answer using the code below:

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

167. Which of the following is/are the main advantage(s) of binary cycle geothermal power systems compared to other types?

1. They can generate power at lower temperatures
2. They are more efficient
3. They have a lower environmental impact
4. They are less expensive to build

Select the correct answer using the code below:

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

168. Which of the following best describes/ describe the aim of 'Green India Mission' of the Government of India?
1. Incorporating environmental benefits and costs into the Union and State Budgets thereby implementing the 'green accounting'
 2. Launching the second green revolution to enhance agricultural output so as to ensure food security to one and all in the future
 3. Restoring and enhancing forest cover and responding to climate change by a combination of adaptation and mitigation measures
- 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
169. What is the process that occurs during nuclear fission?
- (a) The process of combining two or more atoms to form a larger atom
 - (b) The process of changing the energy levels of an atom
 - (c) The process of releasing energy from an atom
 - (d) The process of splitting an atom into two or more smaller atoms
170. Consider the following statements regarding environmental effects of Methanol.
1. Methanol is a clean-burning fuel that produces fewer smog-causing emissions such as sulphur oxides (SO_x) and nitrogen oxides (NO_x) and can improve air quality and related human health issues.
 2. Methanol can be produced from renewable sources such as biomass and recycled carbon dioxide.
 3. Methanol offers excellent acceleration and power and also improves vehicle efficiency.
- Which of the above statements is/are correct?
- (a) 1 and 2 only
 - (b) 1 and 3 only
 - (c) 2 and 3 only
 - (d) 1, 2 and 3
171. Consider the following statements about India Energy Week 2023:
1. It is the first major event under India's G20 Presidency.
 2. It will be organized by the Ministry of Petroleum & Natural Gas.
- 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
172. Consider the following statements about Aviation Gasoline Fuel:
1. It is a low-octane gasoline fuel specifically designed for use in aircraft engines.
 2. It has a higher volatility, a different composition, and is treated with lead compounds to improve its performance.
- Which of the statements above is/are correct?
- (a) 1 only
 - (b) 2 only
 - (c) Both 1 and 2

(d) Neither 1 nor 2

Agriculture

173. Consider the following statements about National Beekeeping & Honey Mission (NBHM)

1. It is a Central Sector Scheme.
2. It is implemented through the Central Silk Board.
3. It aims for the overall promotion & development of scientific beekeeping in India.

Which of the statements given above is/are correct?

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

174. Which of the following pairs is/are correctly matched?

1. Masilum cattle - Meghalaya
2. Kathani cattle - Maharashtra
3. Sanchori - Kerala

Select the correct answer using the code below:

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

175. What is the best way to cook Basmati Rice?

- (a) Boiling
- (b) Steaming
- (c) Microwaving
- (d) Sautéing

176. With reference to agricultural soils, consider the following statements:

1. A high content of organic matter in soil drastically reduces its water holding capacity.
2. Soil does not play any role in the sulphur cycle.
3. Irrigation over a period of time can contribute to the salinization of some agricultural lands.

Which of the statements given above is/are correct?

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

177. Consider the following statements:

1. Since Nitrates cannot penetrate deep into the soil, they pollute only surface water and not groundwater.
2. Agriculture remains the largest contributor to nitrogen emissions.
3. Both Nitrous oxide and Nitrogen dioxide are greenhouse gases.

Which of the above statements is/are correct?

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

General Science

178. Consider the following facts:

1. It is a useful industrial compound found in many consumer products.
2. Its toxicity mainly results from the accumulation of its toxic metabolites.
3. Recently, it was reported that medicinal syrup containing this chemical caused the deaths of 18 children in Samarkand, Uzbekistan.

The above given facts refers to which of the following?

- (a) Methyl isocyanate
- (b) Benzoyl peroxide
- (c) Ethylene glycol
- (d) Sodium nitroprusside

179. Consider the following information:

1. He was a Bengali mathematician and physicist specializing in theoretical physics.
2. He is best known for his work on quantum mechanics in the early 1920s.
3. He was awarded India's second-highest civilian award, the Padma Vibhushan by the Government of India.

The above information describes which of the following personalities?

- (a) Jagadish Chandra Bose
- (b) Subhas Chandra Bose
- (c) Satyendra Nath Bose
- (d) Meghnad Saha

180. The "virovore" is an organism

- (a) that can decompose the PET
- (b) that eats viruses
- (c) that can destroy Coffee plants
- (d) that can purify the rivers

181. In visible light,

1. Oxygen produces green and red light.
2. Hydroxyl (OH) molecules produce red light.
3. Sodium produces a sickly yellow.

Which of the statements given above is/are correct?

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

182. What are some benefits of using green steel in construction?

1. Reduced carbon emissions and air pollution
2. Improved energy efficiency and reduced resource consumption
3. Increased cost and difficulty in production
4. Limited availability and reduced strength of the steel

Select the correct answer using the code below:

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

183. Which of the following best describes the process of creating green steel?
- (a) Using traditional methods of steel production, with no consideration for the environment
 - (b) Using sustainable methods of steel production, such as recycling and using clean energy sources
 - (c) Using non-renewable resources, such as coal and oil, to create steel
 - (d) Using only plant-based materials to create steel

184. Which of the following statements about hydrogen are true?
1. Hydrogen is the most abundant element in the universe
 2. Hydrogen is a gas at room temperature and pressure
 3. Hydrogen is a non-renewable energy source
 4. Hydrogen can be used as a fuel in internal combustion engines

Select the correct answer using the code below:

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

185. What is Bisphenol A commonly used in?
- (a) Pesticides
 - (b) Plastics
 - (c) Pharmaceuticals
 - (d) Cleaning products

186. Consider the following statements regarding Superconductivity.
1. Under superconducting state, materials offer no resistance to the passage of electrical current.
 2. Superconductivity was the first discovery under CERN, the European Organization for Nuclear Research.

Which of the above statements is/are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

187. Which of the following best describes immune imprinting?
- (a) The process by which the immune system learns to recognize and respond to self-antigens
 - (b) The process by which the immune system learns to recognize and respond to environmental antigens
 - (c) The process by which the immune system learns to recognize and respond to pathogens
 - (d) The process by which the immune system learns to recognize and respond to cancer cells

188. What is the role of environmental antigens in immune imprinting?
- They help the immune system learn to recognize and respond to pathogens
 - They inhibit the immune system's ability to recognize and respond to pathogens
 - They have no role in immune imprinting
 - They help the immune system learn to recognize and respond to self-antigens
189. Consider the following statements regarding Trans-fats.
- Trans-fats are industrially produced and are not naturally present.
 - Repeated use of oil at high temperature can increase the trans-fat content.
 - If trans-fat is to be replaced with healthier substitutes, one must compromise on food taste and cost.
- Which of the above statements is/are correct?
- 1 and 2 only
 - 2 only
 - 2 and 3 only
 - 1 and 3 only

Technology

190. Consider the following statements:
- All crypto-currencies are based on Blockchain technology.
 - Altcoins refer to a class of alternative crypto-currencies that were launched after the success of Bitcoin.
- Which of the above statements is/are **incorrect**?
- 1 only
 - 2 only
 - Both 1 and 2
 - Neither 1 nor 2
191. With reference to “Blockchain Technology”, consider the following statements:
- It is a public ledger that everyone can inspect, but which no single user controls.
 - The structure and design of the blockchain are such that all the data in it are about cryptocurrency only.
 - Applications that depend on the basic features of blockchain can be developed without anybody’s permission.
- Which of the statements given above is/are correct?
- 1 only
 - 1 and 2 only
 - 2 only
 - 1 and 3 only
192. What is the main advantage of using a fiber laser over a traditional CO₂ laser?
- Fiber lasers are smaller and more efficient
 - Fiber lasers can produce a wider range of wavelengths
 - Fiber lasers can produce a higher-powered beam of light
 - Fiber lasers can be used for a wider range of applications

193. What type of laser is used in laser printers?
(a) CO₂ laser
(b) He-Ne laser
(c) Diode laser
(d) YAG laser
194. Consider the following statements:
1. Augmented Reality (AR) is a technology that enhances the real world while Virtual Reality (VR) creates a completely artificial environment.
2. Augmented Reality (AR) is only used in gaming while Virtual Reality (VR) is used in various industries.
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

Health

195. The 'SMART' program aimed to boost scientific research in
(a) Aerospace
(b) Sports
(c) Healthcare
(d) Sustainable fuels
196. Consider the following statements About Kala-azar:
1. It is a neglected tropical disease (NTD).
2. It is endemic to the Indian subcontinent.
3. It is a treatable disease with anti-leishmanial medicines.
Which of the statements given above is/are correct?
(a) 1 and 2 only
(b) 2 and 3 only
(c) 1 and 3 only
(d) 1, 2 and 3
197. What is the main source of chitosan?
(a) Fish shells
(b) Plant fibers
(c) Animal bones
(d) Synthetic materials
198. What is the primary benefit of chitosan as a food additive?
(a) Fat absorption
(b) Protein enhancement
(c) Vitamin fortification
(d) Flavor enhancement
199. What are the main causes of malnutrition?
(a) Lack of access to clean water and sanitation
(b) Poor dietary choices

- (c) Limited access to healthcare
 - (d) All of the above
200. How is tuberculosis typically transmitted?
- (a) Through contact with infected animals
 - (b) Through contact with contaminated food or water
 - (c) Through the air when an infected person coughs or sneezes
 - (d) Through sexual contact
201. What are the common symptoms of tuberculosis?
- (a) Cough, chest pain, and weight loss
 - (b) Headaches, fatigue, and muscle aches
 - (c) Diarrhea, nausea, and vomiting
 - (d) Fever, chills, and night sweats
202. What is the most effective way to prevent rubella infection?
- (a) Washing hands frequently
 - (b) Avoiding close contact with infected individuals
 - (c) Getting vaccinated
 - (d) Avoiding travel to areas with high rates of rubella
203. What are the common symptoms of Polycystic Ovarian Syndrome (PCOS)?
- (a) Irregular menstrual cycles
 - (b) Acne and hair loss
 - (c) Infertility and weight gain
 - (d) All of the above
204. Which of the following is **NOT** a neglected tropical disease?
- (a) Dengue
 - (b) Chagas disease
 - (c) Leprosy
 - (d) Influenza

Space

205. What is the primary goal of SpaceX's Starlink constellation?
- (a) To provide internet access to remote areas
 - (b) To launch satellites for scientific research
 - (c) To provide satellite-based navigation services
 - (d) To monitor climate change
206. Which of the following is a characteristic of comets but not of asteroids?
1. A tail caused by the sun's radiation.
 2. A rocky composition.
 3. An elongated orbit.
 4. A large size.
- Select the correct answer using the code below:
- (a) 1 and 4 only
 - (b) 1 only
 - (c) 2 and 4 only

(d) 1, 2, 3 and 4

207. What is the estimated distance of the Oort Cloud from the sun?
- Within the solar system
 - Within the Milky Way galaxy
 - Outside of the Milky Way galaxy
 - Unknown
208. What are the challenges faced in developing hypersonic technology?
- Low air pressure
 - Lack of materials suitable for high-speed flight
 - Difficulties in maneuvering at high speeds
- Select the correct answer using the code below:
- 1 and 2 only
 - 2 and 3 only
 - 1 and 3 only
 - 1, 2 and 3

Environment

209. Consider the following statements:
- Black carbon is a short-lived climate pollutant with a lifetime of only days to weeks after release in the atmosphere.
 - Black carbon is the second-largest contributor to warming the planet behind carbon dioxide (CO₂).
- Which of the statements given above is/are correct?
- 1 only
 - 2 only
 - Both 1 and 2
 - Neither 1 nor 2
210. Consider the following statements regarding Community Forest Resource rights:
- The Community Forest Resource rights are recognised under Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act.
 - It recognises the community's right to use, manage and conserve forest resources.
- Which of the statements given above is/are correct?
- 1 only
 - 2 only
 - Both 1 and 2
 - Neither 1 nor 2
211. Consider the following statements about United Nations Conference on the Human Environment:
- This was the first global convergence on the planetary environment and natural resources.
 - It was held in Stockholm, Sweden.
 - The United Nations Environment Programme, or UNEP, was created as a result of this conference.

Which of the statements given above is/are correct?

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

212. Consider the following Environmental conventions:

- 1. Basel Convention: Persistent Organic Pollutants.
- 2. Rotterdam Convention: Prior Informed Consent Procedure for certain hazardous Chemicals and Pesticides in international trade.
- 3. Stockholm Convention: Control of Transboundary Movements of Hazardous Wastes and their Disposal.

Which of the above pairs is/are correctly matched?

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

213. Consider the following statements about the Green Urban Oases (GUO) Programme:

- 1. It was launched by the United Nations Convention to Combat Desertification.
- 2. The programme will support urban communities in drylands to strengthen their policy and technical capacity for urban greening.

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

214. Consider the following statements in respect of Trade Related Analysis of Fauna and Flora in Commerce (TRAFFIC):

- 1. TRAFFIC is a bureau under the United Nations Environment Programme (UNEP).
- 2. The mission of TRAFFIC is to ensure that trade in wild plants and animals is not a threat to the conservation of nature.

Which of the above statements is/are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

215. Coalbed methane (CBM) is used for/in

- 1. As feedstock for fertilisers
- 2. As CNG auto fuel
- 3. Steel plants
- 4. Methanol production

Select the correct answer using the code below:

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

216. Which of the following statements best describes methane?

- (a) Methane is a toxic gas that is harmful to humans and the environment.
- (b) Methane is a naturally occurring gas that is a major component of natural gas.
- (c) Methane is a synthetic gas that is used as a fuel source in industry.
- (d) Methane is a gas that is only found in outer space.

217. Consider the following statements:

1. Asian Waterbird Census (AWC) is part of the International Waterbird census coordinated by the World Wide Fund for Nature.
2. In India, AWC is coordinated by the Bombay Natural History Society (BNHS) and Wetland International.

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

218. How do human activities impact ecosystems?

- (a) By increasing the number of predators
- (b) By decreasing the number of prey
- (c) By disrupting natural cycles and causing pollution and habitat destruction
- (d) By promoting biodiversity and conservation

219. Consider the following statements regarding Eco-Sensitive Zones.

1. Eco-Sensitive Zones are notified as per the National Wildlife Action Plan (2002-2016), issued by the Union Ministry of Environment, Forest and Climate Change.
2. Only lands within 10 km of the boundaries of national parks and wildlife sanctuaries are declared as Eco-Sensitive Zones.
3. These areas are meant to act as a transition zone from areas requiring higher protection to those requiring lesser protection.

Which of the above statements is/are correct?

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

220. With reference to 'Nature Risk Profile', a new methodology for analyzing companies' impacts and dependencies on nature, consider the following statements:

1. It is an initiative of the UN Environment Programme (UNEP) and G-20.
2. It was released at Davos World Economic Forum Summit.
3. Its methodology is based on Kunming-Montreal Global Biodiversity Framework (GBF).

Which of the statements given above is/are correct?

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

221. What are some strategies that can be used to mitigate human-wildlife conflict?
- Habitat restoration and conservation
 - Education and awareness campaigns
 - Non-lethal methods of population control
 - All of the above
222. Consider the following statements about the Ramsar Convention.
- It is the United Nations Convention that provides the framework for the conservation and wise use of wetlands.
 - Almost 90% of UN member states have acceded to become “Contracting Parties”.
 - It does not consider underground aquifers and human-made sites as wetlands.
 - The Montreux Record is maintained as part of the Ramsar List.
- Which of the above statements is/are **incorrect**?
- 1 and 3 only
 - 2 and 4 only
 - 1, 2 and 3 only
 - 2, 3 and 4 only
223. Consider the following statements about India’s Sankhya Sagar:
- Sankhya Sagar Lake located in Madhya Pradesh.
 - It is a wetland site designated internationally important by UNESCO.
- Which of the statements given above is/are correct?
- 1 only
 - 2 only
 - Both 1 and 2
 - Neither 1 nor 2
224. In marine ecosystems, what function do kelp forests serve?
- They provide food for herbivores
 - They serve as breeding grounds for fish
 - They help regulate ocean currents
- Select the correct answer using the code below:
- 1 and 2 only
 - 2 and 3 only
 - 1 and 3 only
 - 1, 2 and 3
225. Which of the following is/are the possible consequence/s of heavy sand mining in riverbeds?
- Decreased salinity in the river
 - Pollution of groundwater
 - Lowering of the water-table
- Select the correct answer using the code given below:
- 1 only
 - 2 and 3 only
 - 1 and 3 only
 - 1, 2 and 3

226. Which of the following sources add nitrogen oxide into the atmosphere?
1. Lightning stroke
 2. Reaction of Ultraviolet radiation with ozone
 3. Bacteria living in soil
- Select the correct answer code:
- (a) 1 and 3 only
 - (b) 1 and 2 only
 - (c) 2 and 3 only
 - (d) 1, 2 and 3

National Parks and Wildlife Sanctuary

227. Consider the following statements about Nilgiri Biosphere Reserve (NBR)
1. It was the first biosphere reserve in India established in 1986.
 2. It is located in the Western Ghats And encompasses parts of Tamil Nadu, Kerala and Karnataka.
 3. It is at the confluence of Afro-tropical and Indo-Malayan biotic zones of the world.
- Which of the statements given above is/are correct?
- (a) 1 and 2 only
 - (b) 2 and 3 only
 - (c) 1 and 3 only
 - (d) 1, 2 and 3
228. Consider the following statements about Silent Valley National Park:
1. It is situated in the core of the Nilgiri Biosphere Reserve.
 2. It is home to the largest population of Lion-tailed macaques, an endangered primate species.
 3. River bharathapuzha descends from the Nilgiri hills and traverses the entire length of the valley.
- Which of the given above statements is/are correct?
- (a) 1 only
 - (b) 2 and 3 only
 - (c) 1 and 2 only
 - (d) 1, 2 and 3
229. What type of habitat can be found in Bhitarkanika National Park?
- (a) Desert
 - (b) Rainforest
 - (c) Grassland
 - (d) Mangrove forest
230. It is nestled in the Maikal range of Satpuras in Madhya Pradesh, the heart of India that forms the central Indian highlands. The national park is being popularized as the Tiger reserve and interestingly is being declared as one of the finest wildlife areas in the world. Spreading across two revenue districts the Mandala and the Kalaghat, this National Park was declared a reserve forest in 1879 and revalued as a wildlife sanctuary in 1933. Its position was further upgraded to a national park in 1955.
- The above paragraph describes which one of the following Protected Sites?
- (a) Bandhavgarh National Park
 - (b) Pench National Park

- (c) Kanha National Park
- (d) Panna National Park

231. Ken Gharial Sanctuary is located in

- (a) Rajasthan
- (b) Uttar Pradesh
- (c) Madhya Pradesh
- (d) Gujarat

232. Consider the following statements regarding Jim Corbett National Park.

1. Jim Corbett National Park is India's and Asia's first national park.
2. It was the first to come under the Project Tiger initiative.
3. It completely encompasses the Shivaliks, near the foothills of the Himalayas.

Which of the above statements is/are correct?

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

233. Consider the following statements about Kuno National Park:

1. It was proposed as a possible site for cheetah reintroduction in India.
2. It is part of the Khathiar-Gir dry deciduous forests ecoregion.
3. The Chambal river flows through the Kuno national park from South to North. .

Which of the statements given above is/are correct?

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

234. Which one of the following National Parks has a climate that varies from tropical to subtropical, temperate and arctic?

- (a) Khangchendzonga National Park
- (b) Nanadadevi National Park
- (c) Neora Valley National Park
- (d) Namdapha National Park

235. Consider the following statements about Wayanad Wildlife Sanctuary:

1. It is part of the Nilgiri Biosphere Reserve.
2. It has the world's largest recorded population of the Asiatic elephant.

Which of the statements above is/are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

Climate Change

236. Consider the following statements about "Montreal Protocol":

1. It is the landmark multilateral environmental agreement that commits state parties to reduce greenhouse gas emissions, based on the scientific consensus.
2. It led to the replacement of Hydrofluorocarbons (HFCs) with Chlorofluorocarbons (CFCs) which do not destroy the Ozone layer.

Which of the given above statements is/are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

237. Consider the following statements.

1. Ground level ozone is emitted directly into the atmosphere by cars, power plants, refineries and chemical plants.
2. Ozone can reach unhealthy levels on hot sunny days.
3. Ozone can also be transported long distances by wind.

Which of the above statements is/are correct?

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

238. Consider the following statements.

1. The International Day for the Preservation of the Ozone Layer originates from the Montreal Protocol that regulates the output and use of ozone-depleting chemical substances.
2. Among the chemicals that cause severe damage to the ozone layer, Halocarbons have the least Ozone-depleting potential.

Which of the above statements is/are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

239. Consider the following statements.

1. Hydrofluorocarbons (HFCs) are on average several thousand times more potent greenhouse gas than carbon dioxide.
2. Kigali Amendment to the Montreal Protocol is legally binding with mandatory HFC reduction targets for countries.
3. HFCs have very high potential to deplete the stratospheric ozone layer.

Which of the above statements is/are correct?

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

240. Consider the following statements regarding Methane Emissions.

1. Methane is more potent than carbon dioxide in terms of its global warming capacity.
2. Majority of the methane emitted is from natural sources.
3. Livestock farming, rice agriculture and biomass burning emits methane.

Which of the above statements is/are correct?

- (a) 1 and 2 only
- (b) 1 and 3 only

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

241. Consider the following statements about The Glasgow Financial Alliance for Net Zero (GFANZ):

1. It is a global coalition of leading financial institutions that claim to be committed to accelerating the decarbonisation of the economy.
2. It was launched in 2021 by the UN Special Envoy on Climate Action and Finance and COP26 along with the UNFCCC Race to Zero Campaign.

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

Pollution and Waste

242. What is the main goal of India's National Clean Air Programme?

- (a) To reduce air pollution in urban areas
- (b) To increase the use of renewable energy sources
- (c) To improve water quality in India
- (d) To promote sustainable transportation

243. PRANA web portal is developed by

- (a) DRDO
- (b) NDMA
- (c) CPCB
- (d) NGT

244. How is the National Green Tribunal (NGT) different from the Central Pollution Control Board (CPCB)?

1. The NGT has been established by an Act whereas the CPCB has been created by an executive order of the Government.
2. The NGT provides environmental justice and helps reduce the burden of litigation in the higher courts whereas the CPCB promotes cleanliness of streams and wells, and aims to improve the quality of air in the country.

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

245. How does light pollution impact wildlife?

1. It affects the migration patterns of birds
2. It disrupts the breeding cycles of insects
3. It causes confusion and disorientation in nocturnal animals

Select the correct answer using the code below:

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

246. What is the difference between skyglow and glare?
- Skyglow refers to the brightening of the night sky over populated areas, while glare refers to excessive brightness that causes visual discomfort
 - Glare refers to the brightening of the night sky over populated areas, while skyglow refers to excessive brightness that causes visual discomfort
 - Skyglow and glare are the same thing
 - None of the above

Species

247. Due to some reasons, if there is a huge fall in the population of species of butterflies, what could be its likely consequence/consequences?
- Pollination of some plants could be adversely affected.
 - There could be a drastic increase in the fungal infections of some cultivated plants.
 - It could lead to a fall in the population of some species of wasps, spiders and birds.
- Select the correct answer using the code given below:
- 1 only
 - 2 and 3 only
 - 1 and 3 only
 - 1, 2 and 3
248. With reference to Indian Elephants, consider the following statements :
- The leader of an elephant group is a female.
 - The maximum gestation period can be 22 months.
 - An elephant can normally go on calving till the age of 40 years only.
 - Among the States in India, the highest population is in Kerala.
- Which of the statements given above is/are correct ?
- 1 and 2 only
 - 2 and 4 only
 - 3 only
 - 1, 3 and 4 only.
249. With reference to marine biodiversity in India, what is special about “zebrafish”, sometimes seen in the news?
- It is an arboreal fish that is only active during its breeding season, which lasts only a few weeks.
 - It has the ability to locate the precise location by comparing the magnetic fields of several locations.
 - It has one of the quickest known fish development rates.
 - It has the unique ability to repair heart muscle.
250. Which of the following is a threat to the population of saltwater crocodiles?
- Climate change
 - Habitat loss
 - Hunting for their skin and meat
 - All of the above

251. What is the primary habitat of a gharial?
- Forested areas
 - Deserts
 - Freshwater rivers and streams
 - Coastal waters
252. Consider the following statements about Greater Scaup:
- It is listed as Critically Endangered on the IUCN Red List.
 - It is a rare visitor to the Indian Subcontinent.
- Which of the statements given above is/are correct?
- 1 only
 - 2 only
 - Both 1 and 2
 - Neither 1 nor 2
253. Consider the following statements about Spot Bellied Eagle Owl:
- It is a forest-inhabiting species found in the Indian Subcontinent and Southeast Asia.
 - It is listed as Critically Endangered on the IUCN Red List.
- Which of the statements given above is/are correct?
- 1 only
 - 2 only
 - Both 1 and 2
 - Neither 1 nor 2
254. What are the negative impacts of *Prosopis juliflora* on the environment?
- It competes with native plant species for resources
 - It reduces the availability of water for other plants and animals
 - It changes the soil chemistry
 - All of the above
255. Consider the following statements regarding Olive Ridley turtles.
- They are found in warm waters of the Pacific and Indian oceans.
 - Odisha coast is one of the largest mass nesting sites in the world.
 - They are not found in the Atlantic Ocean.
- Which of the above statements is/are correct?
- 1 only
 - 1 and 2 only
 - 2 and 3 only
 - 1, 2 and 3
256. Which one of the following statements about Cheetah is not true?
- It is the fastest land animal in the world.
 - It is the only large carnivore that went 'Extinct' in India due to overhunting and habitat loss.
 - Its historical range includes the majority of Sub-Saharan Africa and extends eastward to India.
 - In India, this species is considered Endangered in the IUCN Red List of Threatened Species.
257. Consider the following statements about *Senna spectabilis*:

1. It is a deciduous tree native to tropical areas of India.
2. It is grown as an ornamental in front yards, parks and gardens.

Which of the statements above is/are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

258. Consider the following statements:

1. Red-headed vulture was extensively found in India but its numbers drastically reduced after diclofenac poisoning.
2. Diclofenac, an anti-inflammatory agent and painkiller, is known to be linked to the rapid decline of vulture populations in Southeast Asia.

Which of the statements above is/are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

Defence

259. VARUNA – 2023 is a bilateral Naval Exercise between India and

- (a) Australia
- (b) Bangla Desh
- (c) Sri lanka
- (d) France

GS4

Ethics

260. Which of the following best describes the concept of ethical leadership?

- (a) Making decisions based solely on financial gain
- (b) Prioritizing the well-being of the organization over the well-being of employees
- (c) Leading by example and making decisions that align with moral and ethical values
- (d) Ignoring the needs and concerns of stakeholders