

DO NOT OPEN THIS TEST BOOKLET UNTIL YOU ARE ASKED TO DO SO

Booklet No.

140449

TEST BOOKLET

GENERAL STUDIES

Paper—I

Series



Time Allowed : 2 Hours

Full Marks : 200

Read the following instructions carefully before you begin to answer the questions :

1. Roll Number as mentioned in the Admission Certificate, Test Booklet No. and Series are to be written legibly and correctly in the space provided on the Answer-Sheet with Black/Blue ballpoint pen.
2. Answer-Sheet without marking Series as mentioned above in the space provided for in the Answer-Sheet shall not be evaluated.
3. All questions carry equal marks.

The Answer-Sheet should be submitted to the Invigilator.

Directions for giving the answers : Directions for answering questions have already been issued to the respective candidates in the 'Instructions for marking in the OMR Answer-Sheet' along with the Admit Card and Specimen Copy of the OMR Answer-Sheet.

Example :

Suppose the following question is asked :

The capital of Bangladesh is

- (A) Chennai
- (B) London
- (C) Dhaka
- (D) Dhubri

You will have four alternatives in the Answer-Sheet for your response corresponding to each question of the Test Booklet as below :

(A) (B) (C) (D)

In the above illustration, if your chosen response is alternative (C), i.e., Dhaka, then the same should be marked on the Answer-Sheet by blackening the relevant circle with a Black/Blue ballpoint pen only as below :

(A) (B) (C) (D)

The example shown above is the only correct method of answering.

4. Use of eraser, blade, chemical whitener fluid to rectify any response is prohibited.
5. Please ensure that the Test Booklet has the required number of pages (24) immediately after opening the Booklet. In case any page(s) is/are missing, please report the same to the Invigilator.
6. No candidate shall be admitted to the Examination Hall/Room 20 minutes after the commencement of the examination.
7. No candidate shall leave the Examination Hall/Room without prior permission of the Supervisor/Invigilator. No candidate shall be permitted to hand over his/her Answer-Sheet and leave the Examination Hall/Room before expiry of the full time allotted for each paper.
8. No Mobile Phone, Electronic Communication Device, etc., are allowed to be carried inside the Examination Hall/Room by the candidates. Any Mobile Phone, Electronic Communication Device, etc., found in possession of the candidate inside the Examination Hall/Room, even if on off mode, shall be liable for confiscation.
9. No candidate shall have in his/her possession inside the Examination Hall/Room any book, notebook or loose paper, except his/her Admission Certificate and other connected papers permitted by the Commission.
10. Complete silence must be observed in the Examination Hall/Room. No candidate shall copy from the paper of any other candidate, or permit his/her own paper to be copied, or give, or attempt to give, or obtain, or attempt to obtain irregular assistance of any kind.
11. This Test Booklet can be carried with you after answering the questions in the prescribed Answer-Sheet.
12. Noncompliance with any of the above instructions will render a candidate liable to penalty as may be deemed fit.
13. No rough work is to be done on the OMR Answer-Sheet. You can do the rough work on the space provided in the Test Booklet.

N.B. : For each question for which wrong answer has been given by the candidate, one-fourth of the marks assigned to that question will be deducted as penalty.

/43-A (1)

[No. of Questions : 100]

SEAL

1. On November 21, 2024, the Assam Government officially renamed the Karimganj district as Sribhumi, along with its headquarters town Karimganj, which will now be called Sribhumi town. The new name was inspired by Rabindranath Tagore's description of the area over a century ago as 'Sribhumi'. As per Kabiguru Tagore's description, the word 'Sribhumi' is referred to as
 - (A) the land of Maa Lakshmi
 - (B) the land of Maa Durga
 - (C) the land of Maa Kamakhya
 - (D) the land of Maa Saraswati

2. The Assam Government's decision to officially recognize 'Bathouism' in the Bodoland Territorial Region (BTR) primarily aims to
 - (A) promote religious conversion among indigenous communities
 - (B) preserve and acknowledge the traditional faith of the Bodo community
 - (C) encourage tourism in the Bodoland region
 - (D) integrate Bathouism practices into mainstream Hindu rituals

3. On February 24, 2025, Prime Minister Narendra Modi attended the largest Jhumur event in history, celebrating the 200th anniversary of Assam's tea industry. Consider the following statements :
 - (i) The tea garden community migrated from Central India in the 19th century to work in the tea gardens of Assam.
 - (ii) Jhumur dance originates from the Sadan ethnolinguistic group of the Chota Nagpur region.
 - (iii) The songs sung during Jhumur performances often depict the struggles of tea plantation workers. They narrate stories of migration and exploitation, depicting the community's socio-economic challenges.
 - (iv) Jhumur dance plays a vital role in tea garden festivals, particularly during Tushu Puja and Karam Puja, which celebrate the harvest time.

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

 - (A) (ii) only
 - (B) (i) and (iii) only
 - (C) (iii) and (iv) only
 - (D) None of the above

4. Which of the following statements about Kaziranga National Park is incorrect?
 - (A) It is a UNESCO World Heritage Site.
 - (B) It is home to the highest population of one-horned rhinoceroses in the world.
 - (C) It was declared a Tiger Reserve in 2003.
 - (D) It is situated on the banks of the Brahmaputra River and lies between the Brahmaputra River and the Karbi Hills.

5. In February 2025, a significant conservation milestone was achieved in Assam concerning the Greater Adjutant Stork. Which of the following best describes this achievement?

- (A) The species was declared 'extinct in the wild'
- (B) The stork population increased from 450 to over 1800 birds
- (C) A new sanctuary exclusively for the stork was established
- (D) The species was removed from the endangered list

6. In early 2025, a rare marbled cat was spotted in which National Park of Assam?

- (A) Dehing Patkai National Park
- (B) Kaziranga National Park
- (C) Manas National Park
- (D) Nameri National Park

7. In early 2025, concerns arose regarding declining pungency of the Bhut Jolokia chili in Assam. What was identified as the primary cause of it?

- (A) Climate change affecting soil temperature
- (B) Overuse of fertilizers altering soil quality
- (C) Introduction of genetically modified variants
- (D) Pests attacking the chili plants

8. The Soliga tribe inhabits the Biligiri Rangaswamy Temple (BRT) Tiger Reserve in Karnataka. Their relationship with the tiger population is very important to conservation efforts. Consider the following statements in connection with Soliga tribe :

- (i) The name 'Soliga' means 'children of bamboo'.
- (ii) The Soligas worship tigers as sacred beings. They refer to the tiger as Dodda Nayi and maintain a temple dedicated to it.
- (iii) The Soligas were the first tribal community to have their forest rights recognized within a tiger reserve.
- (iv) The Soliga tribe is confined to the State of Karnataka alone.

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

- (A) (i) only
- (B) (ii) and (iii) only
- (C) (iv) only
- (D) (iii) only

9. India plans to issue Sovereign Green Bonds to raise money for green infrastructure projects. Consider the following statements about India's Sovereign Green Bonds :

Statement 1 : The funds raised will be used to finance public projects that lower the economy's carbon intensity.

Statement 2 : India issued its first Sovereign Green Bond in 2023.

Statement 3 : Green Bonds are part of India's strategy to achieve net zero emission by 2070.

Statement 4 : Only private investors can subscribe to Green Bonds.

Which of the above statements are correct?

- (A) 1 and 4 only
- (B) 1, 2 and 3 only
- (C) 1, 3 and 4 only
- (D) 1, 2, 3 and 4

10. The National One Health Mission is a recently launched initiative in India aimed at strengthening the country's response to diseases and promoting a holistic approach to public health. Consider the following statements about India's One Health Mission :

Statement 1 : The One Health Mission integrates human, animal and environmental health under a single framework.

Statement 2 : The initiative is funded entirely by the Government of India without any international collaboration.

Statement 3 : The Mission aims to track zoonotic diseases like Nipah and avian influenza.

Statement 4 : India is the first country in Asia to adopt a One Health approach.

Which of the above statements are correct?

- (A) 1 and 3 only
- (B) 2 and 4 only
- (C) 1, 3 and 4 only
- (D) 1, 2, 3 and 4

11. Consider the following statements regarding 'Eat Right Station' certification :

Statement 1 : It is an initiative by the Food Safety and Standards Authority of India (FSSAI).

Statement 2 : As of February 2025, 150 railway stations and 6 metro stations have received the certification.

Which of the above statements is/ are correct?

- (A) 1 only
- (B) 2 only
- (C) Both 1 and 2
- (D) Neither 1 nor 2

12. The 'Viksit Bharat 2047' initiative is the Government of India's visionary road map to transform the nation into a developed country by 2047, making the centenary of its independence. Consider the following four key objectives of the initiative :

Objective 1 : Elevate India to become the world's third largest economy within the next five years, aiming for a \$100 trillion economy by 2047

Objective 2 : Empower youth, women, the underprivileged and farmers, recognizing them as pivotal contributors to national development

Objective 3 : Implement strategies to address climate change and promote sustainable practices

Objective 4 : Enhance administrative efficiency and transparency to ensure effective public service delivery

Which of the above key objectives is/ are **not** correct?

- (A) 1 only
- (B) 2 only
- (C) 1 and 2 only
- (D) 3 and 4 only

13. Which of the following statements describes tariff in the context of international trade?
- It is a tax on imports into a country.
 - It is a tax imposed by a country on goods crossing its border.
 - It is a quantitative restriction on traded goods.
 - It is a reciprocal tax.
14. What is meant by 'repo rate' of the RBI?
- It is the rate of interest at which commercial banks offer loans
 - It is the percentage of total deposits of commercial banks that is kept in cash
 - It is the rate of interest at which commercial banks borrow money from the RBI for short-term needs
 - It is the rate at which commercial banks lend to each other
15. Consider the following statements about Kumbh Mela of India :
- It is the oldest recorded religious festival of the world.
 - The earliest reference to Prayaga and bathing pilgrimage is found in the *Rigveda* Parishishta (supplement to the *Rigveda*).
 - The frequency of one Purna Kumbh Mela every 12 years coincides with one revolution of Jupiter around the Sun (approx.).
- Which of the above statements are correct?
- (i) and (ii) only
 - (ii) and (iii) only
 - (i) and (iii) only
 - (i), (ii) and (iii)

16. Which of the following ocean currents is/are warm current(s) in the Atlantic and Pacific Oceans?
- Benguela Current
 - Kuroshio Current
 - Norwegian Current
 - Peru Current
- Select the correct answer using the codes given below.
- (ii) only
 - (ii) and (iii) only
 - (iv) only
 - (i) and (iv) only
17. Which of the following pairs concerning canal irrigation of India is/are **not** correct?
- Agra Canal—Yamuna River
 - Upper Bari Doab Canal—Jhelum River
 - Sirhind Canal—Ravi River
 - Bikaner Canal—Satluj River
- Select the correct answer using the codes given below.
- (ii) only
 - (ii) and (iii) only
 - (ii) and (iv) only
 - (i), (iii) and (iv) only
18. Which of the following sequences or statements concerning tributaries of the Brahmaputra in Assam is/are **not** correct?
- The North bank tributaries (from West to East) : Sankosh, Manas, Puthimari, Pagladiya
 - The South bank tributaries (from East to West) : Buri Dihing, Bhogdoi, Dhansiri, Kopili
 - The North bank tributaries (from East to West) : Jiahal, Subansiri, Ranganadi, Jia Bharali
 - The River Barnadi forms a natural boundary between Darrang and Kamrup districts.
- Select the correct answer using the codes given below.
- (i) only
 - (i) and (ii) only
 - (ii) and (iv) only
 - (i), (ii) and (iii) only

19. Which of the following statements concerning Tinsukia district of Assam is/are correct?

- (i) It is the Easternmost district of Assam having surrounded by Arunachal Pradesh from three sides.
- (ii) It is an industrial district well-known for coal, oil and tea production.
- (iii) The Dhola-Sadiya Bridge, which is well-known as Bhupen Hazarika Setu, is constructed on the River Lohit located in this district.
- (iv) The Maguri Motapung Beel is located in this district.

Select the correct answer using the codes given below.

- (A) (i) only
- (B) (i) and (ii) only
- (C) (ii), (iii) and (iv) only
- (D) All the statements are correct

20. Rising intensities of floods and damages in Assam are said to have prime explanation(s) :

- (i) The water flow has become sudden and high, induced by natural and anthropogenic factors as well
- (ii) People have established settlements in low-lying areas

Select the correct answer from the options given below.

- (A) Only (i) is right
- (B) Only (ii) is right
- (C) Both (i) and (ii) are true, and inclusive to explain the causes of rising intensity
- (D) Both (i) and (ii) are true, but inclusive statements to explain intensity of floods, at present state of technology and development

21. The impact of cyclones and tsunamis in India could be reduced by

- (i) preserving mangrove forests
- (ii) preserving montane forests
- (iii) preserving tropical thorny and scrub forests
- (iv) preserving tropical deciduous forests

Select the correct answer using the codes given below.

- (A) (i) only
- (B) (i) and (ii) only
- (C) (i), (iii) and (iv) only
- (D) All are correct

22. Authors Arup Kumar Dutta, Arupjyoti Saikia and Samrat Choudhury have common theme(s) in their writing :

- (i) They are acclaimed writers on the Brahmaputra
- (ii) They have written on Assam's social history
- (iii) They have written on tea and tea plantation history
- (iv) They have written on Assam's geography

Which of the above is/are correct?

- (A) (i) only
- (B) (i) and (ii) only
- (C) (i), (iii) and (iv) only
- (D) All are correct

23. In India during 2001 to 2011, the number of census towns showed rapid growth (increased by a total of 2500 in number) compared to statutory towns (increased by about 250 in number). The rapid growth of census towns was because of

- (i) formation of municipal board/committee and notified town area committee, etc.
- (ii) rapid growth of population leading to cross the minimum requirement of 5000 inhabitants to qualify as a town
- (iii) the town area becoming densely populated with more than 400 persons per square kilometre
- (iv) three-fourths of the male workforce found full-time jobs beyond agriculture activities

Select the correct answer using the codes given below.

- (A) (i), (ii) and (iii) only
- (B) (ii), (iii) and (iv) only
- (C) (i), (iii) and (iv) only
- (D) (iv) only

24. Rangsapara village, Goalpara district and Zion village, Dima Hasao district of Assam occupied the limelight in the last decade because

- (i) the villages were evaluated as the cleanest villages of the State
- (ii) Rangsapara was evaluated as the cleanest, whereas all 25+ age group population of Zion had attained education level graduate and above
- (iii) Rangsapara village faced catastrophe caused by flash flood and Zion was devastated by landslides

Select the correct answer from the options given below.

- (A) Only (i) is correct
- (B) Only (ii) is correct
- (C) Only (iii) is correct
- (D) All are correct

25. Consider the following statements about oil in Assam :

- (i) Assam is home to India's first oil refinery, established at Digboi in 1901.
- (ii) The major oil-producing districts in Assam include Jorhat, Dibrugarh, but not Tinsukia.
- (iii) The Assam oil fields contribute over 50% of India's total crude oil production.
- (iv) Oil India Limited (OIL) has its headquarters in Duliajan, Assam.

Which of the above statements is/are correct?

- (A) (i) and (ii) only
- (B) (i) and (iv) only
- (C) (i) only
- (D) (i), (ii) and (iii) only

26. Based on the 2011 Census data, here is a list of major towns in Assam arranged in descending order of their urban population. Select the correct sequence.

- (A) Tinsukia, Tezpur, Jorhat, Dibrugarh
- (B) Dibrugarh, Tezpur, Jorhat, Tinsukia
- (C) Dibrugarh, Tinsukia, Jorhat, Tezpur
- (D) Dibrugarh, Jorhat, Tinsukia, Tezpur

27. Match the following deserts (List-I) with their respective continents (List-II) :

List—I

List—II

- | | |
|-----------------------|------------------|
| a. Kalahari Desert | 1. North America |
| b. Atacama Desert | 2. Asia |
| c. Gobi Desert | 3. South America |
| d. Great Basin Desert | 4. Africa |

Select the correct answer using the codes given below.

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

28. Match the following grasslands (List-I) with their respective locations (List-II) :

List—I

List—II

- | | |
|-------------|------------------|
| a. Pampas | 1. North America |
| b. Steppes | 2. Eurasia |
| c. Prairies | 3. Argentina |
| d. Velds | 4. South Africa |

Select the correct answer using the codes given below.

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

29. Which of the following statements about Paralympic Games is **not** correct?

- (A) The medals tally of India was the highest so far in any Paralympic event with a total of 29 medals in Paris, 2024.
- (B) India made first appearance in the Paralympic event in the year 1968.
- (C) The first Paralympic event was held in the year 1968.
- (D) The Paralympic motto is 'Spirit in Motion'.

30. What is the recent India-US 'TRUST' initiative related to?

- (A) It is a bilateral initiative for mutual cooperation in recovery and processing of critical minerals
- (B) It is a bilateral initiative to ease certain import-export regulations between the two countries
- (C) It refers to a bilateral initiative for transfer of technology for boosting the power sector
- (D) None of the above

31. Who among the following is **not** a Bharat Ratna awardee of the year 2024?

- (A) L. K. Advani
- (B) M. S. Swaminathan
- (C) Padma Subrahmanyam
- (D) Karpoori Thakur

32. In which of the following areas, the first pig schools of India are to be started to enhance technical know-how and biosecurity about pig farming in partnership with Denmark?

- (A) Bodoland Territorial Region
- (B) Dima Hasao district of Assam
- (C) Dhemaji district of Assam
- (D) Panikhaiti near Guwahati

33. Match the following Prime Ministers (List-I) with the biographies/auto-biographies on them (List-II) :

<i>List—I</i>	<i>List—II</i>
a. Narasimha Rao	1. <i>The Accidental Prime Minister</i>
b. I. K. Gujral	2. <i>Matters of Discretion</i>
c. Manmohan Singh	3. <i>The Man Who Remade India</i>
d. Narendra Modi	4. <i>The Paradoxical Prime Minister</i>

Select the correct answer using the codes given below.

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

34. Consider the following statements on Bharatiya Nyaya Sanhita, 2023 :

- (i) It introduces new crimes like organized crime.
- (ii) It introduces community service as a punishment.
- (iii) It introduces new provisions to eliminate offence on sedition.
- (iv) It includes mob lynching as an offence.

Select the correct answer from the options given below.

- (A) Only (i) and (ii) are correct
- (B) Only (ii) is correct
- (C) None of the statements is correct
- (D) All the statements are correct

35. The demarcation of any region as Defence Industrial Corridor (DIC) is to achieve self-reliance in defence manufacturing. Two DICs exist in India and the third one has been negotiated by a State with the Central Government in recent years. Choose the correct combination of the States/Union Territories on the basis of the above statements.

- (A) Gujarat, Maharashtra, Tamil Nadu
- (B) Uttar Pradesh, Tamil Nadu, Assam
- (C) Tamil Nadu, Gujarat, Jammu & Kashmir
- (D) Assam, Jammu & Kashmir, Gujarat

36. The 100th Constitutional Amendment of India enabled the implementation of a controversial international agreement. Which of the following is referred to here?

- (A) Land Boundary Agreement
- (B) Foreign Direct Investment in Defence
- (C) Trade Liberalization Agreement
- (D) Indo-US Nuclear Deal

37. The Supreme Court of India has placed the Right to Privacy under which of the following Articles of the Constitution of India?

- (A) Article 15
- (B) Article 16
- (C) Article 19
- (D) Article 21

38. Consider the following statements :

- (i) The first Assam Assembly was inaugurated on 7th April, 1937.
- (ii) After the 1937 provincial elections in Assam, the Indian National Congress Party secured the most mandate.
- (iii) The Legislative Council of Eastern Bengal and Assam was initiated in 1905.
- (iv) Baithalangso, Haflong, Bokajan, Howraghat and Diphu Assembly Constituencies fall under the Autonomous District Lok Sabha Constituency.

Which of the above statements is/are correct?

- (A) (i) and (ii) only
- (B) (iii) only
- (C) (i) and (iv) only
- (D) (i), (ii), (iii) and (iv)

39. Which of the following are constituted by the President of India?

- (i) The Finance Commission of India
- (ii) The NITI Aayog
- (iii) The Commission on Official Languages
- (iv) The Union Public Service Commission

Select the correct answer using the codes given below.

- (A) (i) and (ii) only
- (B) (iii) and (iv) only
- (C) (i), (iii) and (iv) only
- (D) (ii), (iii) and (iv) only

40. Which of the following is/are common feature(s) of both the Indian and American Federalism?

- (i) Single citizenship
- (ii) Three lists of division of powers in the Constitution
- (iii) Dual Judiciary
- (iv) The Supreme Court to interpret the Constitution

Select the correct answer using the codes given below.

- (A) (i) and (iv) only
- (B) (i), (ii) and (iii) only
- (C) (i), (ii) and (iv) only
- (D) (iv) only

41. Which of the following comes under the Directive Principles of State Policy?

- (A) The State shall strive to promote science and technology for development
- (B) The State shall endeavour to secure citizens a Uniform Civil Code throughout India
- (C) The State shall try to develop population policy and family planning
- (D) The State shall take necessary steps for promoting tourism

42. In which of the following States, there is a constitutional requirement to have a minister in charge of the tribal welfare?

- (A) Assam, Nagaland and Manipur
- (B) Himachal Pradesh, Haryana and Rajasthan
- (C) Bihar, Madhya Pradesh and Odisha
- (D) Manipur, Tripura and Meghalaya

43. Which of the following States was the last one to get the status of full statehood?

- (A) Sikkim
- (B) Manipur
- (C) Arunachal Pradesh
- (D) Meghalaya

44. Under which Article of the Indian Constitution, a special provision is made for the State of Assam?

- (A) Article 371A
- (B) Article 371C
- (C) Article 371B
- (D) Article 371D

45. Which of the following Articles of the Constitution of India grants the Supreme Court of India the power to review its own judgements and orders?

- (A) Article 78
- (B) Article 234
- (C) Article 145
- (D) Article 137

46. Match the following Chief Ministers of Assam (List-I) with their corresponding periods of service (List-II) :

List—I

a. Bishnuram Medhi

b. Mahendra Mohan Choudhury

c. Bimala Prasad Chaliha

d. Gopinath Bordoloi

List—II

1. 28th Dec, 1957–6th Nov, 1970

2. 26th Jan, 1950–5th Aug, 1950

3. 9th Aug, 1950–27th Dec, 1957

4. 11th Nov, 1970–30th Jan, 1972

Select the correct answer using the codes given below.

(A) a b c d
1 2 3 4

(B) a b c d
3 4 1 2

(C) a b c d
3 4 2 1

(D) a b c d
3 1 4 2

47. Which of the following best explains why courts appoint an amicus curiae in criminal matters?

- (A) To ensure that the prosecution has adequate resources to argue its case
(B) To expedite the trial process for efficiency
(C) To provide representation to the accused when they are unrepresented
(D) To act as a mediator between the accused and the victim

48. The concept of 'Rule of Law' has several elements, some of which are as follows :

- (i) Absence of arbitrary power
(ii) Equality before law
(iii) Primacy of the rights of the individual
(iv) Cannot be destroyed by an amendment

Which of the above are applicable to the Indian system?

- (A) (i) and (ii) only
(B) (i), (ii) and (iii) only
(C) (ii), (iii) and (iv) only
(D) (i), (ii) and (iv) only

49. W. W. Rostow's model of economic development proposes that all countries progress through five stages. What is the correct sequence of the five stages?

- (A) (i) Traditional society, (ii) Pre-conditions for takeoff, (iii) Take-off, (iv) Age of high mass consumption, (v) Drive to maturity
(B) (i) Traditional society, (ii) Take-off, (iii) Pre-conditions for take-off, (iv) Drive to maturity, (v) Age of high mass consumption
(C) (i) Traditional society, (ii) Pre-conditions for takeoff, (iii) Take-off, (iv) Drive to maturity, (v) Age of high mass consumption
(D) (i) Traditional society, (ii) Pre-conditions for takeoff, (iii) Age of high mass consumption, (iv) Drive to maturity, (v) Take-off

50. Biofuels offer a viable alternative towards environmentally friendly energy landscape. Which of the following statements regarding use of biofuels to meet energy demands are correct?

- (i) Aggressive use and production of first-generation biofuels may threaten food security.
- (ii) Production of first-generation biofuels is not environment-friendly.
- (iii) A concern regarding biofuels is that extensive cultivation of plants for extracting biofuels may increase deforestation and habitat destruction.
- (iv) Biofuel production will lead to large amount of toxic metallic waste which may adversely affect human health.

Select the correct answer using the codes given below.

- (A) (i), (ii) and (iii)
- (B) (ii), (iii) and (iv)
- (C) (i), (iii) and (iv)
- (D) (i) and (iv) only

51. List-I gives the names of satellites launched by ISRO and List-II gives the names of the types of satellites. Match List-I with List-II :

<i>List-I</i> (Names of satellites)	<i>List-II</i> (Types of satellites)
a. RISAT-2BR2	1. Meteorological
b. Megha-Tropiques	2. Earth observation
c. AstroSat	3. Solar coronal observation
d. Aditya-L1	4. Study high-energy processes in binary star system

Select the correct answer using the codes given below.

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

52. Nanomaterials are usually considered to be materials with at least one external dimension that measures 100 nanometres or less. Consider the following statements regarding nanomaterials :

- (i) They are toxic and carcinogenic.
- (ii) Graphene is a well-known nanomaterial.
- (iii) Nanoscale titanium dioxide can be used in sunscreen lotion.
- (iv) Paints made from nano gold do not fade with time.

Which of the above statements are correct?

- (A) (ii) and (iii) only
- (B) (i) and (iv) only
- (C) (i), (iii) and (iv) only
- (D) All the statements are correct

53. Consider the following statements :

- (i) Initially, ITER was called Indian Theronuclear Experimental Reactor.
- (ii) ITER is a nuclear fusion research and engineering megaproject.
- (iii) ITER is a nuclear fission research and engineering megaproject.
- (iv) ITER means 'the way' or 'the path' in Latin.

Which of the above statements is/are correct?

- (A) (i) only
- (B) (ii) only
- (C) (ii) and (iii) only
- (D) (ii) and (iv) only

54. Consider the following statements :

- (i) Particular messenger RNA (mRNA) molecules, which are smaller than their average size, are called microRNA (miRNA).
- (ii) miRNA are small, single-stranded, non-coding RNA molecules.
- (iii) miRNA molecules play a crucial role in gene regulation.
- (iv) People knew about miRNA since the early 1980s.

Which of the above statements are correct?

- (A) (i) and (ii) only
- (B) (ii) and (iii) only
- (C) (i) and (iv) only
- (D) (ii) and (iv) only

55. Consider the following statements :

- (i) Indian scientist Satyendra Nath Bose developed the foundation of a quantum statistics called Bose-Einstein statistics.
- (ii) A class of elementary subatomic particles called boson was named after Satyendra Nath Bose by P. A. M. Dirac.
- (iii) Einstein used Satyendra Nath Bose's radical ideas to develop the theory of a phenomenon called Bose-Einstein condensate.
- (iv) Satyendra Nath Bose was awarded India's second highest civilian award, the Padma Vibhushan.

Which of the above statements are correct?

- (A) All the statements are correct
- (B) (i), (ii) and (iii) only
- (C) (ii) and (iii) only
- (D) (i), (iii) and (iv) only

56. Consider the following statements :

- (i) Dark oxygen was discovered in 2013 by Andrew Sweetman while conducting ship-based fieldwork in the Pacific Ocean.
- (ii) Dark oxygen was discovered in 2013 by Andrew Sweetman while conducting research on dusty plasma in cometary tails.
- (iii) Dark oxygen refers to molecular oxygen that is produced in the total darkness of the very deep ocean.
- (iv) Dark oxygen refers to the medical oxygen cylinders, which are sold in the black market.

Which of the above statements is/are correct?

- (A) (i) only
- (B) (ii) only
- (C) (iv) only
- (D) (i) and (iii) only

57. If an object undergoes a uniform circular motion, then its
- acceleration remains uniform
 - velocity changes
 - speed changes
 - velocity remains uniform

58. The tendency of a liquid drop to contract and occupy minimum area is due to
- surface tension
 - viscosity
 - density
 - vapour pressure

59. Match the following books (List-I) with the names of the authors (List-II) :

List—I	List—II
a. <i>India Against Itself : Assam and the Politics of Nationality</i>	1. Udayon Misra
b. <i>Burden of History : Assam and the Partition—Unresolved Issues</i>	2. Sanjib Baruah
c. <i>Writing on the Wall : Reflections on the North-East</i>	3. Nani Gopal Mahanta
d. <i>Confronting the State : ULFA's Quest for Sovereignty</i>	4. Sanjoy Hazarika

Select the correct answer using the codes given below.

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

60. Which of the following statements are true about Sustainable Development Goals (SDGs)?

- SDGs, also known as the Global Goals, were adopted by the United Nations in 2015.
- It was a universal call to action to end poverty, protect the planet and ensure that by 2030 all people enjoy peace and prosperity.
- The 17 SDGs are integrated—they recognize that action in one area will affect outcomes in others and development must balance social, economic and environmental sustainability.
- The SDGs are designed to end poverty, hunger, AIDS and discrimination against women and girls.

Select the correct answer using the codes given below.

- (i) and (ii) only
- (ii) and (iii) only
- (i), (ii), (iii) and (iv)
- (iii) and (iv) only

61. Match the following authors (List-I) with the books (List-II) :

List—I

List—II

- | | |
|--------------------------------------|--|
| a. Amartya Sen | 1. <i>The End of Poverty : Economic Possibilities for Our Time</i> |
| b. Abhijit Banerjee and Esther Duflo | 2. <i>The World is Flat</i> |
| c. Jeffrey D. Sachs | 3. <i>Poor Economics</i> |
| d. Thomas Friedman | 4. <i>Development as Freedom</i> |

Select the correct answer using the codes given below.

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

62. Which of the following is **not** published by the UNDP?

- (A) The Human Development Index
- (B) The Global Hunger Index
- (C) The Gender Inequality Index
- (D) The Global Multi-dimensional Poverty Index

63. The Government of Assam has introduced various schemes to help the poor, livelihood and self-employment. Match the following schemes (List-I) with their provisions (List-II) :

List—I

List—II

- | | |
|---|---|
| a. Orunodoi Scheme | 1. Pension scheme for senior citizens covering all eligible individuals in the State |
| b. Assam Arogya Nidhi Scheme | 2. A flagship scheme under Assam State Rural Livelihood Mission aiming to generate sustainable livelihood for women in rural areas by forming Self-Help Groups (SHGs) |
| c. Swahid Kushal Konwar Sarbajanin Briddha Pension Achoni | 3. A major poverty alleviation programme that provides monthly financial assistance to poor households through Direct Benefit Transfer (DBT) |
| d. Kanaklata Mahila Sabalikaran Yojana | 4. Provides financial assistance for the treatment of serious diseases and injuries including those caused by natural or manmade disasters, for families with an annual income of less than ₹ 5 lakhs |

Select the correct answer using the codes given below.

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

64. Which of the following statements regarding post-development theory are true?

- (i) Arturo Escobar is one of the leading post-development scholars.
- (ii) Post-development is an argument for alternatives to development.
- (iii) Developing countries should be able to make decisions for themselves based on their own choices, on their own discourses.
- (iv) Post-development theory argues that there is no universal mode of development to be followed.

Select the correct answer using the codes given below.

- (A) (i), (ii) and (iii) only
- (B) (i), (ii), (iii) and (iv)
- (C) (ii), (iii) and (iv) only
- (D) (i), (ii) and (iv) only

65. The criteria for identifying Particularly Vulnerable Tribal Groups (PVTGs) are

- (i) pre-agricultural level of technology
- (ii) low level of literacy
- (iii) economic backwardness
- (iv) a declining or stagnant population

Select the correct answer using the codes given below.

- (A) (i) and (ii) only
- (B) (iii) and (iv) only
- (C) (ii), (iii) and (iv) only
- (D) (i), (ii), (iii) and (iv)

66. The Social Development Index (SDI) is a composite index which considers important dimensions of social development such as

- (i) demographic parameters
- (ii) health indicators and educational attainment
- (iii) basic amenities and economic deprivation
- (iv) social deprivation parameters

Select the correct answer using the codes given below.

- (A) (i) and (ii) only
- (B) (iii) and (iv) only
- (C) (i), (ii) and (iii) only
- (D) (i), (ii), (iii) and (iv)

67. Which of the following is a graphical representation of income distribution used to calculate the Gini coefficient?

- (A) Pareto chart
- (B) Lorenz curve
- (C) Income-consumption curve
- (D) Kuznets curve

68. Which of the following is **not** a fiscal instrument?

- (A) Cash Reserve Ratio (CRR)
- (B) Goods and Services Tax (GST)
- (C) Income Tax
- (D) Subsidy

69. Which of the following conducts the Annual Survey of Industries (ASI)?
- The Reserve Bank of India
 - The Department of Economic Affairs
 - The Labour Bureau
 - The Ministry of Statistics and Programme Implementation

70. An increase in the tax to GDP ratio of a country indicates which of the following?

- Larger fiscal ability
- Equitable distribution of income

Select the correct answer using the codes given below.

- (i) only
- (ii) only
- Both (i) and (ii)
- Neither (i) nor (ii)

71. Arrange the following accidents/episodes in ascending (yearwise) order :

- Bhopal Gas Tragedy
- Chernobyl Disaster
- Fukushima Daiichi Disaster
- Oil Spill in the Gulf of Mexico

Select the correct answer using the codes given below.

- (i)—(ii)—(iv)—(iii)
- (iii)—(ii)—(iv)—(i)
- (iv)—(i)—(iii)—(ii)
- (ii)—(iii)—(i)—(iv)

72. Consider the following National Parks of Assam and arrange them in ascending order with respect to the year of declaration as National Park :

- Raimona National Park
- Manas National Park
- Dibru-Saikhowa National Park
- Nameri National Park

Select the correct answer using the codes given below.

- (i)—(ii)—(iii)—(iv)
- (ii)—(iv)—(iii)—(i)
- (iii)—(i)—(iv)—(ii)
- (ii)—(i)—(iv)—(iii)

73. Match List-I with List-II :

List—I

List—II

- | | |
|-------------------|--|
| a. Mulch | 1. Variation in species composition across different habitats |
| b. Niche | 2. Movement of nutrient-rich bottom water to ocean's surface |
| c. Beta diversity | 3. A protective cover on the ground, may be of dried leaves |
| d. Upwelling | 4. The functional role and position of a species in an ecosystem |

Select the correct answer using the codes given below.

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

74. According to the Assam State Action Plan on Climate Change (2015-2020), which of the following temperature and rainfall changes has occurred in Assam during the period 1951-2010?

- (A) Annual mean temperature and annual rainfall have both increased
- (B) Annual mean temperature and annual rainfall have both decreased
- (C) Annual mean temperature has increased, while annual rainfall has decreased
- (D) No noticeable changes in temperature and rainfall trends

75. Bioremediation using fungi is known as

- (A) mycoremediation
- (B) phycoremediation
- (C) phytoremediation
- (D) entomoremediation

76. The global warming potential of a gas is decided on the basis of

- (A) the amount of total long-wave radiation a greenhouse gas can trap
- (B) the amount of total long-wave radiation a greenhouse gas can trap in comparison to CO_2 over a period of 100 years
- (C) the amount of total long-wave radiation a greenhouse gas can trap in comparison to CH_4 over a period of 100 years
- (D) the amount of total long-wave radiation a gas can trap over a period of 1 year

77. Which of the following soil horizons is present in the soil of forests but absent in the cultivated fields?

- (A) O horizon (B) A horizon
- (C) B horizon (D) C horizon

78. The 'Gadgil Committee Report' and 'Kasturirangan Committee Report' are related to

- (i) Ganga Action Plan
- (ii) inter-linking of Indian rivers
- (iii) protection of Western Ghats
- (iv) planning of ecozones of India

Select the correct answer using the codes given below.

- (A) (iv) only
- (B) (i) and (ii) only
- (C) (iii) only
- (D) (ii) only

79. Which organization/department is the custodian of foreign exchange reserves in India?

- (A) The Exim Bank
- (B) The RBI
- (C) The Directorate General of Foreign Trade
- (D) The NITI Aayog

80. As per the NITI Aayog's multi-dimensional poverty index (as per the latest statistics for 2022-23), the percentage of population in Assam classified as poor is

- (A) 36.97% (B) 26.37%
- (C) 14.47% (D) 13.73%

81. What are the main objectives of the 'Assam Millets Mission'?

- (i) Raise nutrition quotient
- (ii) Increase farmer's income
- (iii) Contribute to crop diversification
- (iv) Employment generation

Select the correct answer using the codes given below.

- (A) (i) and (iii) only
- (B) (i), (ii) and (iii) only
- (C) (i) and (iv) only
- (D) (i), (ii), (iii) and (iv)

82. Which of the following is **not** a dimension of Social Progress Index?
- (A) Basic human need
(B) Foundation of well-being
(C) Opportunity
(D) Per capita income
83. In which year were the Assam Plantations Labour Rules established?
- (A) 1951 (B) 1971
(C) 1953 (D) 1956
84. Which one of the following is the purpose of 'UDAY'?
- (A) Providing technical and financial assistance to start-up entrepreneurs in the field of renewable sources of energy
(B) Providing electricity to every household in the country
(C) Replacing the coal-based power plants with natural gas, nuclear, solar, wind and tidal power plants over a period of time
(D) Providing for financial turn-around and revival of power distribution companies
85. Economists Daron Acemoglu, Simon Johnson and James A. Robinson won the Nobel Prize in 2024 in Economics. They were honoured for their work on
- (A) environment
(B) banks and financial crises
(C) institution
(D) labour market
86. Who among the following won the 'Golden Bat' in the ICC Champions Trophy, 2025?
- (A) Rachin Ravindra
(B) Shreyas Iyer
(C) J. E. Root
(D) B. M. Duckett
87. What is the time period of 16th Finance Commission of India which is chaired by Dr. Arvind Panagariya?
- (A) 1st April, 2025 to 31st March, 2030
(B) 1st April, 2026 to 31st March, 2031
(C) 1st January, 2025 to 31st December, 2030
(D) 1st January, 2026 to 31st December, 2031
88. Which of the following is/are active Indian Research Station(s) in Antarctica continent?
- (i) Dakshin Gangotri
(ii) Maitri
(iii) Bharati
(iv) Tushar
- Select the correct answer using the codes given below.
- (A) (i) only
(B) (ii) only
(C) (ii) and (iii) only
(D) (i), (ii), (iii) and (iv)
89. Jyoti Prasad Agarwala said in a speech in 1931, "Assamese youths would follow Bhagat Singh". Where did he say this?
- (A) Na-Duar (B) Chariduar
(C) Chaiduar (D) Tezpur

90. Who delivered the welcome address in the Hindu Mahasabha Conference, which was held in 1926?
- Tarun Ram Phukan
 - Gopinath Bordoloi
 - Chandra Nath Sarmah
 - Pitambar Deva Goswami
91. Asom Sangrakshini Sabha was founded by
- Chandra Nath Sarmah
 - Gopinath Bordoloi
 - Kuladhar Chaliha
 - Ambikagiri Raichoudhury
92. Maitri Ashram, later renamed as Kasturba Ashram, was established at Sarania Hills, Guwahati by
- Amal Prabha Das
 - Vinoba Bhawe
 - Pushpalata Das
 - Chandraprabha Saikiani
93. Who among the following martyrs died in police firing at Dhekiajuli police station on 20th September, 1942, who stood at the front, heading the 'Death Squad'?
- Manbar Nath
 - Tileswari Barua
 - Ratan Kachari
 - Mangal Kurku

94. Assertion (A) : Purnananda Burhagohain created a standing army.

Reason (R) : The king was plotting to kill the Burhagohain.

Select the correct answer from the options given below.

- Both (A) and (R) are correct and (R) is the correct explanation for (A)
- Both (A) and (R) are correct, but (R) is not the correct explanation for (A)
- (A) is correct, but (R) is wrong
- (A) is not correct, but (R) is correct

95. Which of the following statements regarding Ahom-Mughal conflict during 1616-1639 is/are false?

- Ahom king came to be regarded as the Raja of Assam.
- The defeat of the Mughals had been dramatically described in the *Baharistan-i-Ghaibi*.
- A Barphukan was appointed with headquarters at Kajali.
- The main grounds for the conflict were in boundary disputes and commercial relations.

Select the correct answer using the codes given below.

- (ii) and (iii) only
- (i) and (iv) only
- (iii) only
- All the statements are true

96. Which of the following statements regarding first Assamese film *Joymoti* is/are false?

- The film was produced by Chitrallekha Movietone.
- The film was based on a drama by Padmanath Gohain Baruah.
- The artists were drawn from respectable families.
- The film was the first Indian film to delve into 'realism'.

Select the correct answer using the codes given below.

- (i) and (ii) only
- (ii) and (iv) only
- (ii) only
- (iii) only

97. Match the following Buranjis (List-I) with the period they deal with (List-II) :

List-I	List-II
a. <i>Satsari Assam Buranji</i>	1. Kamaleswar Singha to Purandar Singha
b. <i>Kali Bharat Buranji</i>	2. 1679-1858
c. <i>Tungkhungia Buranji</i>	3. 1681-1810
d. <i>Weissali Buranji</i>	4. Burmese invasion of Assam

Select the correct answer using the codes given below.

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

98. Match the following personalities (List-I) with the associations/ organizations they were engaged with during 1920s (List-II) :

List-I	List-II
a. Rohinikanta Hati Baruah	1. Assam Branch of All India Spinners' Association
b. Krishna Nath Sarmah	2. APCC (General Secretary)
c. Tarun Ram Phukan	3. Assam Branch of Swarajya Party
d. Ambikagiri Rai-choudhury	4. Assam Jatiya Mahasabha

Select the correct answer using the codes given below.

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

99. Which of the following statements regarding Buddhism in Assam are true?

- (i) Buddhism existed in Assam before the visit of Hiuen Tsang.
- (ii) Dhitika became responsible for the spread of Buddhism in Assam.
- (iii) Asvabhava preached Mahayana cult in Assam.
- (iv) According to a tradition, the older shrine at Hajo was a great Chaitya.

Select the correct answer using the codes given below.

- (A) (i), (ii), (iii) and (iv)
- (B) (ii) and (iv) only
- (C) (i), (iii) and (iv) only
- (D) (i) and (iv) only

100. Arrange the following works chronologically according to their year of publication :

- (i) *Grammatical Notices of the Assamese Language*
- (ii) *A Grammar of the Assamese Language*
- (iii) *A Dictionary in Assamese and English*

Select the correct answer using the codes given below.

- (A) (i)—(ii)—(iii)
- (B) (i)—(iii)—(ii)
- (C) (iii)—(ii)—(i)
- (D) (ii)—(i)—(iii)

SPACE FOR ROUGH WORK

SPACE FOR ROUGH WORK

SEAL

DUCN-I-24/43-A (1)

24

T25—14750×4