

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



SRI CHAITANYA IAS ACADEMY

TEST BOOKLET SERIES

TEST BOOKLET
GENERAL STUDIES

A

PAPER - I

Time Allowed : Two Hours

Maximum. Marks: 200

INSTRUCTIONS

1. IMMEDIATELY AFTER THE COMMENCEMENT OF THE EXAMINATION, YOU SHOULD CHECK THAT THIS TEST BOOKLET **DOES NOT** HAVE ANY UNPRINTED OR TORN OR MISSING PAGES OR ITEMS, ETC. IF SO, GET IT REPLACED BY A COMPLETE TEST BOOKLET.
2. ENCODE CLEARLY THE TEST BOOKLET SERIES. AS THE CASE MAY BE IN THE APPROPRIATE PLACE IN THE ANSWER SHEET.
3. You have to enter your Roll Number on the Test Booklet in the Box provide alongside.

DO NOT write *anything else* on the Test Booklet.

4. This Test Booklet contains **100** items (questions). Each item comprises four responses (answer). You will select the response which you want to mark on the Answer Sheet. In case you feel that there is more than one correct response, mark the response which you consider the best. In any case, choose **ONLY ONE** response for each item.
5. You have to mark all your response **ONLY** on the separate Answer Sheet provided. See directions in the Answer Sheet.
6. All items carry equal marks.
7. After You have completed filling in all your response on the Answer Sheet and the examination has concluded, you should hand over to the Invigilator **only the Answer Sheet**. You are permitted to take away with you the Test Booklet.
8. Sheet for rough work are appended in the Test Booklet at the end.

9. Penalty for Wrong answers:

THERE WILL BE PENALTY FOR WRONG ANSWERS MARKED BY A CANDIDATE IN THE OBJECTIVE TYPE QUESTION PAPERS.

- (i) There are four alternatives for the answer to every question. For each question for which a wrong answer has been given by the candidate, one-third of the marks assigned to that question will be deducted as penalty.
- (ii) If a candidate gives more than one answer, it will be treated as wrong answer even if one of the given answers happens to be correct and there will be same penalty as above to that question.
- (iii) If a question is left blank. i.e, no answer is given by the candidate, there will be no penalty for the question.

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

1. With reference to GPS Aided Geo Augmented Navigation (GAGAN), consider the following statements:
- (1) DRDO and ISRO have collaborated to develop the GAGAN as a regional Satellite Based Augmentation System (SBAS)
- (2) GAGAN is the first Satellite-Based Augmentation System in the world which has been certified for approach with vertical guidance operating in the equatorial ionospheric region.
- (3) GAGAN covers the entire world
- Which of the above statements is/are correct?
- (a) 1 and 2
(b) 3 only
(c) 2 only
(d) 1, 2 and 3
2. Consider the following statement about the Anti-Defection Act:
- (1) If a member of House belonging to a political party voluntarily gives up the membership of his political party, he/she cannot be disqualified
- (2) If a member of a political party votes or doesn't vote in the legislature, contrary to the directions of his political party, he/she can be disqualified
- (3) The Anti-Defection provisions are contained in the tenth Schedule of the Indian Constitution.
- (4) The President takes the decision to disqualify a member if the provisions of the Anti-Defection Act are violated.
- Which of the above statements is/are correct?
- (a) 1 and 2 (b) 2 and 3
(c) 1, 2 and 3 (d) 1, 2 and 4
3. Consider the following statements:
- (1) Kanishka, the greatest king of the Kushan dynasty, ruled over the northern part of the Indian subcontinent, Afghanistan, and possibly areas of Central Asia.
- (2) Kanishka organised the fourth Buddhist Council at Pataliputra.
- (3) The Kushans also had a great deal of control over a major trade route known as the Silk Road.
- (4) Kushans introduced gold coins to India.
- Which of the above statements are correct?
- (a) 1 and 3
(b) 1, 2 and 3
(c) 2 and 3
(d) 1, 3 and 4
4. In wildlife conservation, which one among the following best defines an 'endemic' species?
- (a) When the critical number of a species declines in a forest due to parasitic attack

- (b) A species which is cosmopolitan and can be commonly found in a biosphere
- (c) An endangered species which is found in a few restricted areas on the Earth
- (d) A species confined to a particular region and not found anywhere else
5. With reference to Kangla Tongbi War, consider the following statements:
- (1) It is considered one of the fiercest battles of World War II.
- (2) It was fought by Ordnance personnel against the Japanese forces.
- (3) The Axis forces attempted to destroy the Allied forces at Imphal and invade India, but were driven back into Burma with heavy losses.
- Select the **incorrect** statements using the codes given below :
- (a) 1 and 2
- (b) 2 only
- (c) 3 only
- (d) None of the above
6. Consider the following statements:
- (1) A neutrino is a subatomic particle that is very similar to an electron, but has no electrical charge and a very small mass.
- (2) It interacts very weakly with other matter particles and it is not part of the atom.
- (3) There are three types of neutrinos: electron neutrino, muon neutrino, and tau neutrino.
- (4) India based Neutrino Observatory (INO) is proposed at Bodi West Hills in Theni district of Tamil Nadu.
- (5) Mathikettan Shola National Park in Kerala's Idukki district is near the proposed INO site.
- Which of the above statements is/ are **incorrect**?
- (a) 1, 2 and 3
- (b) 2, 3 and 5
- (c) 2 only
- (d) None of the above
7. In which of the following states, the Hangul deer are found in their natural habitat?
- (1) Uttarakhand
- (2) Uttar Pradesh
- (3) Himachal Pradesh
- (4) Jammu and Kashmir
- Select the correct answer from the codes given below:
- (a) 1 and 2
- (b) 2 and 3
- (c) 3 and 4
- (d) 1, 2, 3 and 4

8. Regarding Sadler Commission, which of the following statements are true?
- (1) It was formed to study on the problems Bombay University.
- (2) The major objective of this commission was to free the universities from the burden of secondary education so that they could wholly focus on Higher education.
- Which of the above statements is/ are correct?
- (a) 1 only
(b) 2 Only
(c) Both 1 and 2
(d) Neither 1 nor 2
9. Consider the following statements with respect to 'Domestic Systemically Important Banks (D-SIBs)'
- (1) Banks whose assets exceed 1% of GDP are considered part of this group
- (2) D-SIB means that the bank is too big to fail
- Which of the above statements is/ are correct?
- (a) 1 Only
(b) 2 Only
(c) Both 1 and 2
(d) Neither 1 nor 2
10. Social sustainability refers to:
- (a) The concept of the enterprise supporting jobs and delivering
- income to communities in the long term
- (b) Sharing benefits fairly and equitably and respecting the quality of life of communities and of human rights
- (c) Stewardship of resources and managing and conserving the environment
- (d) The concept of the enterprise supporting jobs and delivering income to communities in the short term
11. The Battle of Samugarh was fought between
- (a) Muhammad Gori and Jai Chand
(b) Babar and the Afghans
(c) Aurangzeb and Dara Shikoh
(d) Ahmad Shah Durrani and the Marathas
12. Which of the following are correctly matched?
- (1) Global Gender : United
Gap Report Nations
- (2) World Happiness : United Nations
Report Sustainable
Development
Solutions
Network
- (3) Inclusive Development
Report: World
Economic
Forum

<p>(4) Global Environment : World Outlook Wide Fund</p>	<p>Choose the correct answer from the codes given below:</p>
<p>Choose the correct answer from the codes given below:</p> <p>(a) 1 and 2 (b) 2 and 3 (c) 3 and 4 d) 4 and 1</p>	<p>(a) 1 and 2 (b) 2 and 3 (c) 1 only (d) 1, 2 and 3</p>
<p>13. Consider the following statements:</p> <p>(1) The collegium comprises the Chief Justice of India, two senior judges of the Supreme Court and the Chief Judges of the High Courts.</p> <p>(2) The Chief Justice of India has the power, with the previous consent of the President, to request a retired Supreme Court judge to act as a judge of the Supreme Court for a temporary period.</p> <p>Which of the above statement(s) is/are correct?</p> <p>(a) 1 only (b) 2 only (c) Both 1 and 2 (d) Neither 1 nor 2</p>	<p>15. What is the role of oxygen scavenger sachet in active packaging?</p> <p>(a) to absorb moisture, thus preventing mould growth (b) to replace nitrogen content, thus preventing flavour changes (c) to add carbon dioxide that extends product shelf life (d) to absorb undesirable gases that reduce product shelf life</p> <p>16. Consider the following statements:</p> <p>(1) It is situated on the north bank of the Brahmaputra River, Assam. (2) It is also known as Mini Kaziranga National Park. (3) This place is situated amidst dense forests with tall trees and high grasslands. (4) Belsiri River and Dhansiri River border the park and join the Brahmaputra River.</p>
<p>14. The Kalpavriksha is a dominant artistic theme in mythology and cosmology as a wish - fulfilling divine tree of:</p> <p>(1) Hinduism (2) Jainism (3) Buddhism</p>	<p>The above statements refer to which of the following national parks?</p> <p>(a) Manas National Park (b) Nameri National Park (c) Orang National Park (d) Dibru-Saikhowa National Park</p>

17. Consider the following statements about the Dharwad rock-system in India:
- (1) The Dharwad System is the most ancient metamorphosed sedimentary rock-system of India.
- (2) This rock-system is very well developed along the Dharwar-Bellary-Mysore belt of Karnataka.
- Which of the above statements is/ are correct?
- (a) 1 only
(b) 2 only
(c) Both 1 and 2
(d) Neither 1 nor 2
18. Consider the following statements:
- (1) Alpine trees decompose quickly.
- (2) Deciduous trees dominate in temperate forest.
- (3) Trees in temperate region shed their leaves during day time in summer.
- Which of the above statements is/ are correct?
- (a) 1 only
(b) 2 only
(c) 1 and 3
(d) 2 and 3
19. Consider the following statements with respect to the Montagu-Chelmsford reforms:
- (1) 2018 marks the 100th year of the publication of the Report on Indian Constitutional Reforms known as the Montagu-Chelmsford Report (MCR).
- (2) Montagu-Chelmsford reforms claim the title of the Magna Carta of Modern India.
- (3) It relaxed the central control over the provinces by demarcating and separating the central and provincial subjects.
- (4) The key principles of responsible government, self-governance and federal structure grew out of these reforms.
- Which of the above given statements are correct?
- (a) 1 and 4 (b) 2, 3 and 4
(c) 1 and 3 (d) 1, 2, 3 and 4
20. One of the following is a correct statement regarding the trade-offs between 'inflation' and 'unemployment'
- (a) There is a short-term but not a longterm trade-off between inflation and unemployment
- (b) There is always a trade-off between inflation and unemployment
- (c) There is a long-term trade-off between inflation and unemployment
- (d) There is a long-term but no short-term trade-off between inflation and unemployment

21. India has improved its rank in 6 out of 10 indicators in the World Bank's Ease of Doing Business Index 2018. What are the indicators in which India's rank has improved?
- (1) Construction Permits
 - (2) Trading Across Borders
 - (3) Getting Credit
 - (4) Registering property
 - (5) Getting Electricity
 - (6) Paying taxes
- Select the correct answer from the codes given below:
- (a) 1, 2, 3, 4, 5 and 6
 - (b) 1, 2, 3 and 5
 - (c) 2, 4 and 5
 - (d) 1, 3, 4, 5 and 6
22. Consider the following statements about the writ of Mandamus:
- (1) The writ is issued to direct a public official not to enforce a law which is unconstitutional
 - (2) The writ is issued against officials and private individuals
 - (3) The writ is issued against inferior Courts or other judicial bodies when they have refused to exercise their jurisdiction and thus perform their duty.
 - (4) The writ is issued against Constitutional functionaries like the President of the Union and the Governor of a State.
23. REDD+ initiatives include
- (1) Forest carbon partnership facility
 - (2) Forest investment programme
 - (3) Sanitation for all
 - (4) Food security for all
- Choose the correct answer from the codes given below:
- (a) 1 and 4
 - (b) 1 and 2
 - (c) 1, 2 and 3
 - (d) 3 and 4
24. Warren Hastings appointed the Amini Commission in 1776 to
- (a) Gather information about the Indian judicial system
 - (b) Work out the administrative structure suitable to govern Indian territories
 - (c) Work out the modalities of setting up judicial structure suitable to the new colony
 - (d) gather systematic information about India's land resources
- Which of the above statements is/ are correct?
- (a) 1 only
 - (b) 1 and 3
 - (c) 1, 3 and 4
 - (d) 1, 2, 3 and 4

25. Consider the following statements:
- (1) Social forestry can protect extinction of wildlife.
- (2) Social forestry and agro-forestry are two separate programmes launched by the Government.
- Which of the above statements is/are correct?
- (a) 1 only
(b) 2 only
(c) Both 1 and 2
(d) Neither 1 nor 2
26. Hormones control most major bodily functions, from simple basic needs like hunger to complex systems like reproduction, and even the emotions and mood. Point out the correctly matched pair.
- (Hormones/Chemicals (Often referred to as)
- (1) Oxytocin - Love Hormone
(2) Cortisol - Stress Hormone
(3) Serotonin - Happiness Chemical
- Select the correct answer from the codes given below:
- (a) 1 and 2 (b) 2 and 3
(c) 1 and 3 (d) 1, 2 and 3
27. The phrase 'Early Harvest Scheme' implies which of the following?
- (a) It is related to Free Trade Agreement
(b) It is an initiative of Ministry of Agriculture for achieving Sustainable Agriculture
(c) It is an initiative of the Ministry of Agriculture to popularize short duration food crops.
(d) It is an Insurance Scheme launched by the Insurance Companies towards crop protection.
28. Consider the following statement(s) with reference to medieval South India:
- (1) Ur : settlements of peasants
(2) Vellala : rich peasant caste which exercised huge control
(3) Araiyan : class of weavers
(4) Nagaram : association of traders
- Select the correct answer from the codes given below :
- (a) 1, 2 and 3 (b) 2, 3 and 4
(c) 1, 3 and 4 (d) 1, 2 and 4
29. Consider the following statements:
- (1) National Housing Bank is completely owned by Reserve Bank of India
(2) NABARD is jointly owned by Reserve Bank of India and the Central Government

- Select the correct statements
- (a) 1 only
(b) 2 only
(c) Both 1 and 2
(d) Neither 1 nor 2
30. What are the three products extracted from donated blood?
- (a) Oxygen, water and urea
(b) Red blood cells, salts and Oxygen
(c) Plasma, platelets, and red blood cells
(d) Platelets, hormones, and amino acids
31. Which of the following qualities of soil can be measured with the help of pH value?
- (1) Soil fertility
(2) Health of Vegetation
(3) Soil profile
(4) Acidity of soil
- Choose the correct answer from the codes given below:
- (a) 1, 2 and 3
(b) 2, 3 and 4
(c) 1, 2 and 4
(d) 1, 2, 3 and 4
32. Consider the following statements:
- (1) Pingali Venkayya was instructed by M.K. Gandhi to design a flag with the spinning wheel as a symbol at the national Congress meeting in 1921.
(2) Pingali's swaraj flag design with the spinning wheel was the base of today's national flag but the spinning wheel or the 'Charkha' was replaced by Ashok Chakra.
(3) The flag of India was hoisted by M.K. Gandhi on 31 December 1929 on the banks of Sabarmati river.
- Select the correct answer from codes given below :
- (a) 2 and 3 (b) 1 and 2
(c) 1 and 3 (d) 1, 2 and 3
33. Consider the following statements with respect to UNESCO Geo Park:
- (1) UNESCO Global Geoparks are single, unified geographical areas where sites and landscapes of international geological significance are managed with a holistic concept of protection, education and sustainable development.
(2) In 2018 Chilika Lake in Odisha and St. Mary's Island and Malpe beach in coastal Karnataka are listed for UNESCO Global Geo Park Network status.
- Select the correct statements from the codes given below:
- (a) 1 only
(b) 2 only
(c) Both 1 and 2
(d) Neither 1 nor 2

34. Consider the following statements regarding Mutual Funds:
- (1) Mutual Funds have a three-tier structure as per the regulatory norm.
 - (2) They have a choice of having an Asset Management Company, and most companies prefer to have one.
 - (3) There are few mutual funds in India which deal only in 'guaranteed return' schemes.
- Choose the correct answer from the codes given below:
- a) Only 1
 - (b) Only 2
 - (c) 2 and 3
 - (d) 1, 2 and 3
35. Consider the following statements:
- (1) The quorum to constitute a sitting of the Lok Sabha is 55 members, excluding the speaker
 - (2) The speaker demits office after the dissolution of the House of the People (Lok Sabha)
- Which of the above statements is/are correct?
- (a) 1 only
 - (b) 2 only
 - (c) Both 1 and 2
 - (d) Neither 1 nor 2
36. Which of the following statements is/are correct regarding TAPI pipeline?
- (1) The source of the gas is the South Yoiotan Osman field, recently renamed Galkynysh.
 - (2) The pipeline will transport Aral Sea natural gas from Turkmenistan through Afghanistan into Pakistan and then to India.
 - (3) The project is being funded by the World Bank.
 - (4) GAIL (India) Limited inked the gas sale and purchase agreement (GSPA).
- Select the correct answer from the codes given below:
- (a) 1 and 2 (b) 2 and 3
 - (c) 1 and 4 (d) 1, 3 and 4
37. Consider the following statements regarding Sri Ranganathaswamy Temple which was in news recently.
- (1) The temple, considered the foremost of the 108 divyadesams, is situated on an islet between the Cauvery and the Coleroon rivers
 - (2) The temple is dedicated to Lord Shiva.
 - (3) Sri Ranganathaswamy Temple in Srirangam has won the UNESCO Asia Pacific Award of Merit 2017 for cultural heritage conservation
- Select the correct answer from the codes given below :

- (a) 3 only (b) 1 and 2
(c) 1 and 3 (d) 1, 2, 3
38. The Wanchuwa festival is one of the most important celebrations in the life of the Tiwa tribe. In which of the following states is Wanchuwa festival celebrated?
(a) Arunachal Pradesh
(b) Assam
(c) Meghalaya
(d) Manipur
39. Which one among the following statements is NOT correct?
(a) Trophic dynamics represents the transfer of energy from one trophic level to another in a food chain
(b) In deeper parts of oceans, primary production remains almost nil
(c) The primary consumers are called autotrophs
(d) The decomposers are called saprotrophs
40. Consider the following statements:
(1) The Constitution of India provides for the appointment of the same person as the Governor for two or more States.
(2) The Governor of a State must, at all times, act according to the advice of the Council of Ministers, headed by the Chief Minister.
Which of the above statements is/ are correct?
- (a) 1 only
(b) 2 only
(c) Both 1 and 2
(d) Neither 1 nor 2
41. Which of the following factors is NOT responsible for seasonal change?
(a) North-East Trade winds gain moisture from the Bay of Bengal and cause rain over the east coast of Tamil Nadu.
(b) South West Trade winds carrying moisture cause rain in Thailand.
(c) South East monsoon winds cause downpour over the Punjab-Haryana plain.
(d) South East Trade winds over south central Africa bring moisture and cause rain.
42. The temperature of a metal is reduced. Which statement correctly identifies the change in its electrical resistance and the reason for this change?
(a) Electrical resistance increases as the metal freezes
(b) Electrical resistance decreases due to the availability of more free electrons
(c) Electrical resistance increases as the electrons move more slowly
(d) Electrical resistance decreases due to reduced metal lattice vibrations

43. Fields Medal is awarded to
- Astrophysicists under the age of forty.
 - Astronomers under the age of forty.
 - Mathematicians under the age of forty.
 - Geneticists under the age of forty.
44. Consider the following statements regarding Deccan Riots 1875:
- It was against the corruption of the Marwari and Gujarati money lenders.
 - It started as social boycott of the moneylenders by the peasants but was later transformed into an armed peasant revolt in the Poona and Ahmadnagar districts of Maharashtra.
 - The peasants then attacked the moneylender's houses, shops and burnt their records and bond documents down.
 - The uprising later received support from M G Ranade of Poona Sarvajanik Sabha
- Select the **incorrect** statements using the codes given below:
- 1, 2 and 3
 - 2 only
 - 4 only
 - None of the above
45. Consider the following statements regarding 'Safe City Projects':
- 'Safe City Projects' initiative has been launched with a view to provide safety to women in public places.
 - The cost of the projects is shared between the Central Government and the concerned States in 60:40 ratio.
 - The Safe City Project in Delhi and Mumbai is fully funded by the Central Government.
- Select the **incorrect** statement(s) using the codes given below:
- 2 only
 - 3 only
 - 1 and 3
 - 1 and 2
46. Which one among the following is the correct sequence of the rivers from north to south?
- Damodar-Brahmani-Mahanadi-Tunga-bhadra
 - Damodar-Mahanadi -Brahmani -Tunga-bhadra
 - Brahmani-Tungabhadra-Damodar-Mahanadi
 - Damodar- Brahmani-Tunga-bhadra-Mahanadi
47. Which of the following is/are NOT correct pair(s)?
- Dachigam National Park - Kashmir stag
 - Balphakram National Park - wild water buffalo

<p>(3) South Button Island National Park - Dugong</p> <p>Choose the correct answer from the codes given below:</p> <p>(a) 2 only (b) 1 and 2 (c) 3 only (d) None of the above</p> <p>48. Consider the following statements and select the correct one/ones:</p> <p>(1) 'Market cost' is 'factory price' added with all the indirect taxes. (2) 'Market cost' and 'ex-factory price' are different things. (3) 'Maximum Retail Price' and 'market cost' are the same.</p> <p>(a) 1 only (b) 1 and 2 (c) 3 only (d) 1 and 3</p> <p>49. Consider the following statements:</p> <p>(1) The equatorial rainforests experience variability in season. (2) The equatorial region experiences overhead sun twice a year. (3) Two maxima of rainfall are recorded twice in a year in the equatorial zone. (4) The equatorial zone experiences torrential rain from cumulo-stratus clouds.</p> <p>Which of the above statements is/are correct?</p> <p>(a) 1 and 2</p>	<p>(b) 2 and 3 (c) 1, 2 and 3 (d) 1, 2, 3 and 4</p> <p>50. Which of the following statements best describes the term ecosystem?</p> <p>(a) The variety of living organisms on Earth and their interactions (b) The realm of Earth that includes all planet and animal life- forms (c) The interaction of living organisms with each other and their environment (d) The total surroundings including the cultural, social, political and economic contexts of people</p> <p>51. Recently everyone is talking about Open Source Software (OSS). Why is it preferred to Closed Source/Proprietary Software by individuals?</p> <p>(1) lower cost (2) security (3) no vendor 'lock in' (4) better quality</p> <p>Choose the correct answer from the codes given below:</p> <p>(a) 1 and 2 (b) 1, 2 and 3 (c) 1, 3 and 4 (d) 1, 2, 3 and 4</p>
--	--

52. Consider the following statements:
- (1) Under the Government of India Act, 1935, the residuary power of legislation was vested in the Central Legislature.
- (2) The provisions of the Indian Constitution relating to Citizenship and elections came into effect from November 26, 1949.
- Which of the above statements is/ are correct?
- (a) 1 only
(b) 2 only
(c) Both 1 and 2
(d) Neither 1 nor 2
53. Which one of the following is not observed in biodiversity hotspots?
- (a) Species richness
(b) Endemism
(c) Accelerated species loss
(d) Lesser inter-specific competition
54. Consider the following statements about 'hidden price rise.'
- (1) A situation of reduction in quality or amount of a product offered at an unchanged price.
- (2) A situation of increase in indirect taxes on goods, which compromises on the quality of the goods offered for sale
- Which of the above statements is/ are correct?
- (a) 1 only
- (b) 2 only
(c) Both 1 and 2
(d) Neither 1 nor 2
55. Consider the following statements:
- (1) The Kimberley Process is an international certification scheme that regulates trade in rough diamonds.
- (2) It aims to prevent the flow of conflict diamonds.
- (3) India is the world's largest centre for cut and polished diamonds and accounts for 75 per cent of the world's polished diamond exports.
- (4) There is no definition for 'Conflict Diamonds'
- Select the correct statements using the codes given below:
- (a) 1, 2 and 3 (b) 1 and 2
(c) 3 and 4 (d) 1, 2, 3 and 4
56. Consider the following statements:
- (1) The State Government shall appoint a Finance Commission every five years
- (2) The recommendations of the State Finance Commission are binding on the State Government.
- (3) Panchayats can levy, collect and appropriate taxes with the permission of the State Finance Commission.

<p>(4) The State Finance Commission gives grant-in-aid to the Panchayats.</p> <p>Which of the above statements is/ are correct?</p> <p>(a) 1 only (b) 1 and 2 (c) 1, 3 and 4 (d) 1, 2, 3 and 4</p>	<p>Select the correct answer from the codes given below:</p> <p>(a) 1, 2, 3 and 4 (b) 2 and 3 (c) 1, 2 and 3 (d) 2 and 4</p>
<p>57. Which of the following techniques are considered as genetic engineering?</p> <p>(1) DNA recombinant technology (2) Synthetic biology (3) in-vitro fertilization (4) Gene knockout (5) Transgenics</p> <p>Choose the correct answer from the codes given below:</p> <p>(a) 1, 2 and 4 (b) 1, 3 and 5 (c) 1, 2, 4 and 5 (d) 1, 2, 3, 4 and 5</p>	<p>59. Consider the following statements:</p> <p>(1) Corporate tax is a direct tax (2) The corporate tax is gradually decreased since the liberalisation of Indian Economy (3) The rates of corporate tax of domestic foreign companies are different (4) Capital gains are subject to tax</p> <p>Choose the correct answer from the codes given below:</p> <p>(a) 1 and 4 (b) 1, 2 and 4 (c) 1, 3 and 4 (d) 1, 2, 3 and 4</p>
<p>58. Din-e Ilahi was a system of religious beliefs introduced by the Mughal emperor Akbar. Din-e Ilahi</p> <p>(1) Forbade cow eating (2) Instituted worship of Sun as creator (3) Incorporated the sacred fire adored by the Parsis (4) encouraged the Havana (hom sacrifice) of the Hindus</p>	<p>60. Which of the following species is/ are critically endangered?</p> <p>(1) Hangul (2) Olive ridley turtle (3) The wild water buffalo</p> <p>Select the correct answer from the codes given below :</p> <p>(a) 1 only (b) 2 and 3 (c) 3 only (d) None of the Above</p>

61. Which of the following is not a breach of Parliamentary privilege?
- (a) Questioning the character or the impartiality of the Speaker/ Chairman in the discharge of his duties.
- (b) Speeches and writings reflecting adversely on the Houses.
- (c) Not extending due courtesy to Members of Parliament at public functions
- (d) Offering bribes to Members of Parliament to influence them in their Parliamentary conduct.
62. Which of the following biomes is correctly paired with the description of its climate?
- (a) Tropical - nearly constant day length and temperature
- (b) Tundra-long summers, mild winters
- (c) Savanna - cool temperature year-round, uniform precipitation during the year
- (d) Temperate grass lands - relatively short growing season, mild winters.
63. Consider the following statements:
- (1) The Financial Sector Assessment Program (FSAP) is a comprehensive and in-depth analysis of a country's financial sector.
- (2) FSAP assessments are the joint responsibility of the IMF and World Bank in developing economies and emerging markets and of the IMF alone in advanced economies.
- (3) The FSAP includes two major components: a financial stability assessment, which is the responsibility of the IMF, and a financial development assessment, the responsibility of the World Bank.
- Select the correct answer from the codes given below:
- (a) 1 and 2 (b) 1 only
- (c) 2 only (d) 1, 2 and 3
64. Which of the following best explains why the lower course of a river is sometimes choked with sediments?
- (1) The valley of river is widest in its lower course.
- (2) The velocity of a river in its lower course is low.
- (3) The delta sometimes develops in a river's lower course.
- (4) Much of the river water is drawn for irrigation in the lower course.
- Select the correct answer from the codes given below:
- (a) 1, 2, 3 and 4
- (b) 1, 3 and 4
- (c) 1, 2 and 3
- (d) 2 and 4

65. Which of the following are correctly matched?
- (1) Jelep La - Suture valley
 (2) Shipki La - Chumbi Valley
 (3) Nathu La - Chumbi Valley
- (a) 1 and 2 (b) 3 only
 (c) 1, 2 and 3 (d) 2 and 3
66. This Primitive Tribal Group (PTG) of Nilgiri Hills is famous as snake-catchers and some members were recruited by Florida Wildlife Officials to hunt pythons in wetlands. They are
- (a) Koras (b) Irulas
 (c) Bondas (d) Nirandhas
67. In a comparative study of grassland ecosystem and pond ecosystem, it may be observed that
- (a) Primary and secondary consumers are similar
 (b) The abiotic components are almost similar
 (c) The biotic components are almost similar
 (d) Both biotic and abiotic components are different
68. With reference to Bharat Rang Mahotsav (BRM), consider the following statements:
- (1) It is the annual international theatre festival of India organized by the National School of Drama (NSD).
 (2) It was established two decades ago to stimulate the growth and development of theatre across India.
 (3) BRM is now the second largest theatre festival of Asia
- Select the correct answer from the codes given below
- (a) 1 and 2
 (b) 1 only
 (c) 2 only
 (d) 1, 2 and 3
69. Consider the following statements with reference to 'Van Gujjars':
- (1) Van Gujjars are nomadic buffalo-herders inhabiting the foothills of Himalayan states like Jammu and Kashmir, Himachal Pradesh and Uttarakhand.
 (2) A Hindu community, Van Gujjars have their own dialect called Gujjari, which is a linguistic fusion of Dogri (a Kashmiri tongue) and Punjabi.
 (3) The traditionally vegetarian tribe doesn't hunt, even though they share the Shivaliks with wild animals.
- Select the **incorrect** statement(s) from the codes given below:
- (a) 1 only
 (b) 2 and 3
 (c) 2 Only
 (d) None of the above

70. Match List - I with List - II and select the correct answer from the codes given below the lists:
- List I (Temple) List II (Location)
- (A) Kandariya (1)Thanjavur
Mahadev Temple
- (B) Brihadeeshvara (2)Kancheepuram
Temple
- (C) Kailasnath Temple (3)Mount Abu
- (D) Vimal Vasahi (4) Khajuraho
- | | A | B | C | D |
|-----|---|---|---|---|
| (a) | 3 | 2 | 1 | 4 |
| (b) | 3 | 1 | 2 | 4 |
| (c) | 4 | 2 | 1 | 3 |
| (d) | 4 | 1 | 2 | 3 |
71. Consider the following statements about Bay of Bengal Initiative for Multi-Sectoral Technical and Economic Cooperation (BIMSTEC):
- (1) It comprises of eight Member States lying in the littoral and adjacent areas of the Bay of Bengal.
- (2) It came into being through the Bangkok Declaration.
- (3) It is headquartered in Kathmandu, Nepal
- (4) In 2018, the 4th BIMSTEC Summit concluded in Kathmandu
- Which of the above statements is/ are incorrect?
- (a) 2 and 4 (b) 1 and 3
(c) 1, 2 and 3 (d) 2, 3 and 4
72. Consider the following statements:
- (1) Temperature inversions in troposphere lead to high pollution levels.
- (2) Temperature inversions lead to fog formation.
- Which of the above statements is/ are correct?
- (a) 1 only
(b) 2 only
(c) Both 1 and 2
(d) Neither 1 nor 2
73. Which geographical features are important in selecting a suitable site for a waste dump?
- (a) A clear, level site close to transport links
- (b) Stable rock structure and available groundwater
- (c) Non-porous rock types with no faults or fractures
- (d) Rock types that allow good drainage and deep excavations
74. Which of the following grassland species are critically endangered?
- (a) Bengal Florican, Great Indian Bustard, Sociable Lapwing, Jerdon's Courser

<p>(b) Great Indian Bustard, Sociable Lapwing, Pink-headed Duck, Siberian Crane</p>	<p>(a) 1 and 2 (b) 2 and 3 (c) 3 only (d) 1 and 3</p>
<p>(c) Jerdon's Courser, Great Indian Bustard, Siberian Crane, Spoon-billed Sandpiper</p> <p>(d) Spoon-billed Sandpiper, Bengal Florican, Jerdon's Courser, Siberian Crane</p>	<p>77. Consider the following:</p> <p>(1) The District Planning Committee (2) The Metropolitan Planning Committee (3) Ward Committee (4) Land Use Regulation Authority (5) Rural and Urban Finance Corporation</p>
<p>75. Many developing countries instituted import-substitution policies because:</p> <p>(a) The prices of the goods they exported were increasing.</p> <p>(b) The prices of the goods they imported were falling.</p> <p>(c) Their terms of trade were deteriorating.</p> <p>(d) Their terms of trade were improving.</p>	<p>Which of the above find mention in the Constitution (74th Amendment) Act?</p> <p>(a) 1 and 2 (b) 2, 3 and 4 (c) 2, 3, 4 and 5 (d) 1, 2 and 3</p>
<p>76. Consider the following statements about Agreement on Prohibition of Attacks against Nuclear Installations and Facilities between Pakistan and India</p> <p>(1) Both India and Pakistan exchange their list of nuclear installations biennially</p> <p>(2) The agreement was signed on December 31, 1950.</p> <p>(3) The agreement is also referred to as the Non-Nuclear Aggression Agreement.</p> <p>Which of the above statements is/ are correct?</p>	<p>78. Satellites used for telecommunication relay are kept in a geostationary orbit. A satellite is said to be in such an orbit when:</p> <p>(1) The orbit is geosynchronous (2) The orbit is circular (3) The orbit lies in the plane of the Earth's equator (4) The orbit is at an altitude of 22,236 km.</p> <p>Select the correct answer using the codes given below:</p> <p>(a) 1, 2 and 3 (b) 1, 3 and 4 (c) 2 and 4 (d) 1, 2, 3 and 4</p>

79. Consider the following statements:
- (1) Coriolis effect is zero at the Equator.
- (2) Coriolis effect is more towards the Poles.
- (3) Coriolis effects are related to the decreasing rotational velocity with increasing latitudes.
- (4) Coriolis effects are related to the increasing rotational velocity with increasing latitudes.
- Which of the statements given above are correct?
- (a) 1, 2 and 3 (b) 1 and 3
(c) 1, 2 and 4 (d) 2 and 4
80. Consider the following pairs:
- | Author | Book |
|-----------------------------|-------------------------------------|
| (1) Mahadev Govind Ranade - | Economic History of India |
| (2) R.C.Dutt - | Essays on Indian Economics |
| (3) Dadabhai Naoroji - | Poverty and UnBritish Rule in India |
- Which of the pairs given above is/are correctly matched?
- (a) 1, 2 and 3 (b) 2 and 3
(c) 3 Only (d) 1 only
81. A majority of the laws over which the Indian judiciary relies upon are derived from colonial times. In this context, consider the following pairs:
- (1) Section 124A of IPC - deals with sedition
- (2) Section 497 of IPC - deals with Homosexuality
- (3) Section 377 of IPC - deals with adultery
- Which of the pairs given above is/are correctly matched?
- (a) 3 Only (b) 2 and 3
(c) 1, 2 and 3 (d) 1 only
82. Consider the following statements:
- (1) Although the Directive Principles of State Policy are non-justiciable, neither Parliament nor State legislative bodies can pass laws that are inconsistent with the Directive Principles of State Policy.
- (2) Separation of the Judiciary from the Executive is discussed under the Directive Principles of State Policy.
- (3) Equitable distribution of resources is one of the goals of the Directive Principles of State Policy.
- Which of the above statements is/are correct?
- (a) 1 and 2 (b) 1 and 3
(c) 2 and 3 (d) 1, 2 and 3
83. Consider the following statements about the Mansabdari system:
- (1) Mansabdari system was a grading system used by Marathas

	A	B	C	D
to fix rank, salary and military responsibilities.				
(2) Rank and salary were determined by a numerical value called 'zat'.	(a) 2	3	1	4
(3) The Mansabdari system was borrowed from the system followed in Mongolia.	(b) 1	2	4	3
Which of the above statements is/ are not correct ?	(c) 2	4	1	3
(a) 1 only	(d) 4	3	2	2
(b) 1 and 3	86. Argentina is bordered by			
(c) 2 only	(1) Chile	(2) Bolivia		
(d) None of the above	(3) Peru	(4) Uruguay		
84. LPG itself is odourless but a stench agent is added to assist in its detection in case of leakage.	(5) Paraguay			
Which of the following acts as a stench agent in LPG cylinders?	Select the correct answer from the codes given below:			
(a) Ethyl mercaptan	(a) 1, 2 and 3			
(b) Napthelene	(b) 1, 2, 4 and 5			
(c) Tetra ethyl lead	(c) 1, 4 and 5			
(d) Poly aromatic benzene	(d) 3, 4 and 5			
85. Match List - I with List - II and select the correct answer using the codes given below the lists:	87. At which session of the Indian National Congress the goal of 'socialistic pattern of society' was officially accepted by the Congress?			
List - I	List - II			
(Waterfalls)	(Rivers)			
(A) Dudma	(1) Narmada			
(B) Sivasamudram	(2) Sileru			
(C) Dhuandhar	(3) Cauvery			
(D) Hundru	(4) Subernrekha			
	88. The slow rate of decomposition of fallen logs in nature is due to their:			
	(a) Poor nitrogen content			
	(b) Low moisture content			
	(c) Low cellulose content			
	(d) Anaerobic environment around them			

89. Consider the following statements
- (1) RBI's Prompt Corrective Action (PCA) Framework is a set of guidelines for banks that are weak in terms of identified indicators including – poor asset quality, insufficient capital and insufficient profit or losses.
- (2) The PCA framework is applicable only to commercial banks and not extended to co-operative banks, non-banking financial companies (NBFCs) and FMs.
- Select the correct answer from the codes given below:
- (a) 1 only
 (b) 2 only
 (c) Both 1 and 2
 (d) Neither 1 nor 2
90. Consider the following statements regarding the establishment of English supremacy in India:
- (1) The victory in Carnatic war prepared the ground for the British to establish their supremacy in India.
- (2) With the victory of Wandiwash the British East India Company had no European rival left in 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
91. Which of the following is correctly matched with reference to Vitamins and their functions
- (1) Vitamin K - Needed for proper blood clotting
- (2) Vitamin D - Needed for proper absorption of calcium
- (3) Vitamin E - Antioxidant
- Select the correct answer from the codes given below :
- (a) 1, 2 and 3
 (b) 1 and 2
 (c) 1 and 3
 (d) 2 and 3
92. Why does India choose national income at factor cost?
- (a) Tax calculation is highly volatile in India.
- (b) It is common practice in developing countries.
- (c) Market regulation is not perfect in India.
- (d) Income at factor cost is not influenced by inflationary pull.

93. Consider the following statements:
- (1) The Provisions contained in the Preamble of the Constitution are enforceable in a Court of law.
 - (2) The Preamble is not an integral part of the Constitution.
 - (3) The Preamble assumes special position as an aid to interpreting the Constitution.
 - (4) The basic features of the Constitution, as contained in the Preamble, cannot be amended under Art. 368
- Which of the statements given above is/are correct?
- (a) 1, 2 and 3
 - (b) 1 and 3
 - (c) 1, 3 and 4
 - (d) 3 and 4
94. Rat-Hole mining was in news recently. It is a process of digging holes to make narrow tunnels to extract coal. In which part of India 'Rat Hole' mining is practised?
- (a) Meghalaya
 - (b) Mizoram
 - (c) Nagaland
 - (d) Manipur
95. What is the advantage of using micro-waves instead of radio waves in communication systems?
- (a) Microwaves travel faster.
 - (b) Microwaves require more energy to be generated
 - (c) Signal booster or repeater stations are not required
 - (d) Smaller antennae can be used for signal reception
96. With reference to Indian forests, consider the following pair(s):
- (1) Tropical Moist Deciduous Forest – Sandalwood
 - (2) Tropical dry deciduous Forest - Sal
 - (3) Tropical Thorn Forests - Shisham
- Which of the above pair(s) is/are correctly matched?
- (a) 1 only
 - (b) 1 and 2
 - (c) 2 and 3
 - (d) 1, 2 and 3

97. Which of the following statements related to FTSE SBI Bond Index Series, which was recently launched, is correct?
- (a) It is India's first bond index series for domestic investors.
- (b) It is new index series launched at the New York Stock Exchange to enable investors and market participants to track Indian bond movement.
- (c) It will significantly contribute to development and broadening of the Indian bond market.
- (d) All of the above
98. What does the BIFR (Board for Industrial and Financial Reconstruction) deal with?
- (a) Financing large scale private industries
- (b) Privatization of public sector.
- (c) Approval to use of foreign capital in Indian industries.
- (d) Revival of sick industries.
99. Consider the following :
- (1) Soot
- (2) Sulphur hexafluoride
- (3) Water vapour
- Which of the above contribute to the warming up of the atmosphere?
- (a) 1 and 2
- (b) 3 only
- (c) 2 and 3
- (d) 1, 2 and 3
100. If country has more exports than imports in value terms, it can be said to be having:
- (a) Deficit under BOP
- (b) Deficit under BOT
- (c) Surplus under BOT
- (d) Surplus under BOP