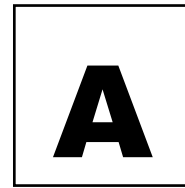


DO NOT OPEN THIS TEST BOOKLET UNTIL YOU ARE TOLD TO DO SO
T.B.C.: FIAS-PTS22-AIOSim0 **Test Booklet Series**
Serial No.

TEST BOOKLET
GENERAL STUDIES
PAPER - I



Time Allowed: TWO HOURS

Maximum Marks: 200

I N S T R U C T I O N S

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 BOOK.
2. **Please note that it is the candidate's responsibility to encode and fill in the Roll Number and Test Booklet Series A, B, C or D carefully without any omission or discrepancy at the appropriate places in the OMR Answer Sheet. Any omission/discrepancy will render the Answer Sheet liable for rejection.**
3. You have to enter your Name, Email Id and Mobile No. on the test booklet in the Box provided alongside. *DO NOT* write anything else on the Test Booklet.
4. This Test Booklet contains **100** items (questions). Each item is printed in **English**. Each item comprises four responses (answers). 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 responses **ONLY** on the separate Answer Sheet provided. See directions in the Answer Sheet.
6. **All** items carry equal marks.
7. Before you proceed to mark in the Answer Sheet the response to various items in the Test Booklet, you have to fill in some particulars in the Answer Sheet as per instructions sent to you with your Admission Certificate.
8. After you have completed filling in all your responses 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.
9. Sheets for rough work are appended in the Test Booklet at the end.
10. **Penalty for wrong answers:**

Name:

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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 that question.

Q.1) Consider the following statements about the 'National Asset Reconstruction Company Limited (NARCL)':

1. It will be the first ever 'bad bank' in India involved in the management of Non-Performing Assets of other banks.
2. The Reserve Bank of India will maintain 51% ownership in the NARCL, and rest will be held by private lenders.
3. It has a provision of a government guarantee that sets it apart from any other asset reconstruction company.

Which of the statements given above is/are correct?

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

Q.2) Consider the following statements:

1. Unlike Casual employment, Fixed term contract employment is permanent in nature.
2. Fixed term employees work regular hours as outlined in the contract unlike Casual employees.
3. While fixed term employees are entitled to retrenchment benefits, no such benefits are provided to contractual workers.

Which of the above statements is/are correct?

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

Q.3) In the context of Indian economy, which of the following is/are the likely consequence(s) from the imposition of the equalisation levy?

1. Non-resident e-commerce companies would not have to pay any tax in India.
2. Government would be able to earn tax revenue from online advertisement services.

Select the correct answer using the code given below:

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

Q.4) Which of the following will be the consequence/consequences, if the Reserve Bank of India (RBI) conducts 'Long Term Repo Operations (LTRO)'?

1. Banks will be able to borrow from RBI without any requirements for collateral.
2. The liquidity in the banking system will increase.

3. There may be a more effective transmission of monetary policy changes.

Select the correct answer using the code given below:

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

Q.5) Consider the following statements with reference to 'Debt service coverage ratio':

1. It is a measure of the cash flow available to pay current debt obligations.
2. It includes interest expenses and other obligations like pension and sinking fund obligation of a firm.
3. It is used by the banks to know the cash position and cash flow of a company.

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

Q.6) Which of the following are the possible impact on Indian economy if US federal reserve increases their interest rates?

1. Foreign Portfolio investments in equity will be significantly increased.
2. It could lead to depreciation of Indian currency.
3. Global funds could pull out money from Indian government securities.
4. India's current Special Drawing Rights quota in the IMF will significantly decrease.

Select the correct answer using the codes given below:

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

Q.7) Consider the following statements about the Mutual Funds and Hedge Funds:

1. Compared to mutual funds, Hedge funds tend to be less liquid.
2. Unlike Hedge funds, Mutual Funds only target high-net-worth investors.
3. Compared to Mutual funds, Hedge funds generally generate greater returns because of higher risks associated with it.

Which of the statements given above is/are correct?

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

Q.8) Consider the following statements regarding 'Capital Account Convertibility':

1. It implies freedom to convert local financial assets into foreign financial assets and vice versa at market determined rates of exchange.
2. Local businesses can benefit from easy access to foreign loans at comparatively lower costs under the facility of Capital Account Convertibility.
3. It provides rights for firms and residents to buy overseas assets only after the approval from the designated authorities.
4. RBI has accepted full Capital Account Convertibility in 2021 under the policy shift towards Atmanirbhar Bharat scheme.

Which of the statements given above is/are correct?

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

Q.9) With reference to 'Taxation regime in India', which one of the following statements is correct regarding 'Surcharge'?

- a) It is a form of a temporary tax levied by the government with specific purposes.
- b) The government can utilise the proceeds of surcharge for whichever purpose it deems fit.
- c) The 101st Constitutional Amendment Act gives the power to Central Government to ordinarily impose surcharge over and above the GST.
- d) The proceeds from surcharge mandatorily needs to be shared with State governments.

Q.10) Which one of the following is **not** a correct measure to control inflation in an economy?

- a) Consumers are appealed to cut back the consumption of items which show higher inflation.
- b) Government and Central Bank tightening the flow of money through policy measures.
- c) Proactive measures to decrease the supply of items showing inflation in an economy.
- d) Indirect taxes can be reduced with the focus on cutting cost of production by companies.

Q.11) Which of the following is the most likely impact of new firms entering a market, while other factors remain in equilibrium?

- a) Higher supernormal profit and decreased demand
- b) Increase in supply and fall in prices

c) Deterioration of quality of product and increasing prices

d) Decrease in prices of raw material and increased profits

Q.12) 'GDP Deflator' sometimes underestimates true inflation. Which of the following is/are the correct reasons for this?

1. Unlike CPI, it focuses upon goods and services produced domestically in the country.
2. Unlike CPI, it is available and calculated only on an annual basis along with GDP estimates.

Select the correct answer using the codes given below:

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

Q.13) Consider the following statements:

1. G-Sec is a tradable instrument that acknowledges the Government's debt obligation.
2. Treasury Bills are fixed coupon securities that pays specified interest over its face value.
3. State Development Loans are dated securities to mobilise funds from the open market.

Which of the statements given above is/are correct?

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

Q.14) Consider the following statements regarding 'Gross Ecosystem Product':

1. It is the total value of goods and services that ecosystem provides for human well-being in a region annually.
2. It is measured in terms of intangible beneficial values rather than monetary or economic value.
3. Sikkim became the first state in India to initiate valuation of its natural resources in the form of 'Gross Ecosystem Product'.

Which of the statements given above is/are correct?

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

Q.15) How does Cryptocurrency differ from Non-fungible Tokens?

1. Unlike Cryptocurrency, the value of one Non-Fungible Token is not equal to another.
2. Cryptocurrency is based on Blockchain technology, while Non-fungible Tokens are based on centralized market trading mechanism.
3. Unlike Cryptocurrency, Non-Fungible Tokens are hack proof.

Which of the statements given above is/are correct?

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

Q.16) With reference to primary succession, which of the following statements is **incorrect**?

- a) It always occurs on barren terrain.
- b) Area where glacier has retreated recently is an example of primary succession.
- c) No animal species are found in primary succession.
- d) The rate of transformation of vegetation is very slow in primary succession.

Q.17) Why has an “ozone hole” appeared over Antarctica when ozone-depleting substances are present throughout the stratosphere?

1. The longevity of the Antarctic polar vortex provides favourable conditions for the depletion of ozone in the region.
2. Stratospheric air motions transport most of the ozone saving halogen gases upward and toward the equator from both the hemispheres.
3. In the Antarctic region, minimum daily temperatures are generally much lower and less variable than those in the other parts of the world.

Which of the statements given above is/are correct?

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

Q.18) Consider the following statements:

1. Nitrous oxide stays in the atmosphere for much longer time than methane.
2. The global warming potential of Methane gas is higher than Nitrous oxide.
3. Production and application of synthetic fertilizers release nitrous oxide in the atmosphere.

Which of the statements given above is/are correct?

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

Q.19) What could be the likely consequence/consequences of adoption of E20 (blend of 20% ethanol with gasoline) as an automobile fuel?

- 1) Will help in reducing vehicular emissions
- 2) Will result in lower fuel efficiency thereby reducing mileage
- 3) Will increase the longevity of automobiles

Select the correct answer using the code given below:

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

Q.20) Consider the following statements:

1. While Cold water reefs are found throughout the Earth, Warm water reefs are found only in tropical region.
2. Both cold water reefs and warm water reefs involve a symbiotic relationship with algae.
3. The growth rate of cold-water reefs is generally higher than warm water reefs.
4. Unlike Great Barrier Reef, Irish coral reefs are an example of cold-water reefs.

Which of the statements given above is/are correct?

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

Q.21) Which of the following statements is **incorrect** with respect to the National parks in India?

- a) Kuno Palpur National Park is a potential site for Cheetah reintroduction in India
- b) Kaziranga National Park has the world's largest population of Great One-horned Rhinoceros.
- c) Sultanpur National Park is the only National Park in Haryana.
- d) Gir National Park is the only place in the world where Asiatic lions are found.

Q.22) With reference to peatlands, consider the following statements:

1. They are a type of wetland in which waterlogged conditions prevent plant material from fully decomposing.
2. They are restricted only to the tropical areas.
3. They are considered to be one of the largest terrestrial stores of carbon.

Which of the statements given above are correct?

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

Q.23) Which of the following species have become extinct in India?

1. Malabar Civet
2. Sumatran rhinoceros
3. Jerdon's Courser
4. Himalayan quail

Select the correct answer from the code given below:

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

Q.24) With reference to the Stockholm convention, consider the following statements:

1. It is a multilateral treaty to promote shared responsibilities in relation to trade of hazardous chemicals.
2. The financial mechanism for this convention is designated to the Global Environmental Facility.
3. India has signed this convention but not ratified it yet.

Which of the statements given above is/are correct?

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

Q.25) Which of the following techniques can be employed for dealing with menace of stubble burning?

1. Super Straw Management System.
2. Sowing of Genetically engineered crops.
3. Happy Seeder machine.
4. Using longer duration varieties like Pusa Basmati-1509 and PR-126.

Select the correct answer from the code given below:

- a) 1 and 3 only

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

Q.26) Consider the following statements:

1. The Dugong is found along both eastern and western coasts of India.
2. The Indian Star Tortoise is found only in the Himalayan Region.
3. The Great Indian Bustard can be found in grasslands of the Deccan.
4. The distribution of Red Panda in India is limited to Arunachal Pradesh.

Which of the statements given above is/ are correct?

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

Q.27) Consider the following statements:

1. More than three quarters of global lead consumption is for the manufacture of Leaded paint and Leaded aviation fuel.
2. According to WHO, low level of lead exposure can be considered as completely safe for children's health and their cognitive development.
3. Leaded petrol has a damaging impact on the emissions control systems and catalytic converters of the vehicle.
4. In 2021, Algeria became the last country in the world to eliminate leaded petrol under the initiative of Partnership for Clean Fuels and Vehicles (PCFV).

Which of the statements given above is/are correct?

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

Q.28) Which of the following are the benefits of lichens?

1. They can be used as an indicator of air quality.
2. They help in soil formation.
3. They play a role in nitrogen fixing.
4. They can be used as a source of food by humans.

Select the correct answer from the code given 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

Q.29) Which of the following statements regarding the *Clydebank Declaration*, seen in the news recently, is correct?

- It is a global framework to promote the construction of energy efficient buildings.
- It pertains to efforts to halt land degradation and desertification by 2030.
- It is primarily aimed at preventing the production of ozone depleting substances.
- It is an initiative to encourage the establishment of zero-emission shipping routes.

Q.30) Which of the following organisms undergoes Aestivation in an ecosystem?

- Salamander
- Frogs
- Snails
- Bats

Select the correct answer from the code given below:

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

Q.31) Consider the following statements regarding 'Lingaraj Temple':

- It is believed to be built by Somavamsi rulers with later additions from the Ganga rulers.
- It followed the Panchayatan style of temple making.
- The nata mandira (festival hall) and bhoga-mandapa (hall of offerings) are the prominent features of this temple.

Which of the statements given above is/are correct?

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

Q.32) Which of the following statements is **incorrect** with reference to Indian legal and judicial system during the period of Buddha?

- The Dharmashastras provided for the civil and criminal law that was administered by the priests.
- In some cases, the punishments for criminal offences were governed by the idea of an eye for an eye.
- Crimes committed against the shudras were lightly treated in comparison to other varnas.
- Some of the tribals were allowed to be governed by their own customs.

Q.33) With reference to the Indian National Army (INA) during freedom struggle, consider the following statements:

- It made the British government realize that they could no longer rely on loyalty of Indian soldiers.
- It demonstrated the capability of Indian women in combat.
- The Government employees collected funds for the INA trials.

Which of the statements given above is/are correct?

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

Q.34) Which of the following statements regarding Asokan inscription is/ are correct?

- The Sannati rock edict complex has an inscribed rock image of Asoka.
- The Shahbazgarhi Inscription is the only major rock edict of Asoka outside of modern-day India.
- Most of the inscriptions found in the north-western part of the empire were written in Pali language and Brahmi script.

Select the correct option using the code given below:

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

Q.35) With reference to the Kakatiya dynasty, consider the following statements:

- Kakatiyas were successor of Kalyani Chalukyas.
- Orugallu was the capital of the Kakatiya empire.
- Rudreshwara temple was constructed during the reign of Rudramadevi.

Which of the statements given above is/are correct?

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

Q.36) Which of the following statement is **incorrect** in the context of the role of Indian capitalist class in freedom struggle?

- The big industrialists did not give much support to the satyagraha against the Rowlatt Bills in 1919.
- Purshottamdas Thakurdas formed an Anti-Non-cooperation Society to oppose the British economic policies.
- The business class supported the first phase of the Civil Disobedience Movement.
- The Bombay Plan 1944 supported the idea of state control of heavy industries.

Q.37) Consider the following pairs:

Literary work: *Author*

- Buddhacharita - Badrayana
- Saundarananda - Ashvagosha
- Brahmasutra - Nimbarka
- Sulvasutra - Baudhayana

Which of the pairs given above is/are correctly matched?

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

Q.38) With reference to Guru Nanak, consider the following statements:

- He was contemporary to Ibrahim Lodi.
- He did not emphasize on asceticism.
- He taught the principles of right belief, right worship and right conduct to achieve salvation.

Which of the statements given above is/are correct?

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

Q.39) In the context of Terapanthis, consider the following statements:

- They are one of the sects of Jainism that pray to saints rather than to an idol in a temple.
- Terapanthi sect worship Yaksha and Yakshini along with Bhattarakas.
- They reject the practice of using of flowers, cooked food or lamps.

Which of the statements given above is/are correct?

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

Q.40) With reference to the Indus Valley Civilization, consider the following statements:

- Canal irrigation was widely practised, that helped in raising the productivity of agriculture.
- The use of metal coins as currency helped them to trade on a large scale with Mesopotamia.
- As tin and copper were abundant in the region, bronze tools were found in large numbers.

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

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

Q.41) Which among the following was not one of the factors behind formation of Home Rule Movement?

- It was felt by nationalists that their demands could be met by putting pressure on the government.
- Unlike moderates, extremists were not satisfied with the reforms proposed in the Indian Councils Act, 1909.
- High taxation and rise in prices during first World War created war time miseries among the people.
- First World War exposed the myth of white superiority.

Q.42) With reference to the result of Battle of Plassey, consider the following statements:

- Robert Clive was appointed Governor of Bengal after the battle.
- It led to the complete change in the form of government in Bengal.
- The East India Company received Diwani rights of Bengal.

Which of the statements given above is/are correct?

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

Q.43) Regarding the outcome of first Round Table Conference, which of the following statements is correct?

- a) The representatives came to an agreement over the allocation of seats in provincial legislatures.
- b) The British announced the formation of two Muslim majority provinces i.e., North-West Frontier Province and Sindh.
- c) The British government agreed to set up an expert committee on Finance.
- d) It was generally agreed by representatives that India was to develop into a federation.

Q.44) Which of the following is the reason behind the occurrence of White Mutiny of 1883-84?

- a) The policy of annexation followed by Dalhousie.
- b) The Indian judges and magistrates were given the jurisdiction to try British offenders in criminal cases.
- c) The Indian troops were treated badly by their British commanders.
- d) Indian National Army officer Rashid Ali was sentenced and it created upsurge.

Q.45) With reference to the history of India, the term 'buranjī' refers to which of the following?

- a) An ancient text which gives an account of the administrative structure of Kashmir.
- b) Rule book containing provisions for remission of land revenue under Khilji administration.
- c) Records of kings of Assam and the related important events.
- d) System of branding of horses and other animals during Mughal period.

Q.46) Which one of the following statements is **not correct** regarding the proposals of 'Cripps Mission' of 1942?

- a) Provinces were given choice to have a separate constitution and form a separate Union.
- b) A constituent assembly to be formed to frame a new constitution after the end of the war.
- c) Two separate nations of India and Pakistan with a dominion status to be formed.
- d) The new constitution making body and the British government would negotiate a treaty to affect the transfer of power.

Q.47) With reference to the Mappila revolt, which of the following statements is **incorrect**?

- a) It was a revolt against British Government's decision of increasing land revenue by 50%.
- b) Mahatma Gandhi addressed the Mappila meetings to encourage masses.
- c) The revolt became communal and violent in nature in later stages.
- d) The British authorities imposed the martial law to suppress the revolt.

Q.48) With reference to the Mansabdari system, consider the following statements:

1. Sawar determined the mansabdar's personal pay and his rank in the organisation.
2. Zat determined the number of horses and horsemen to be maintained by the mansabdar.
3. Jama-dami indicated the assessed income of various areas.
4. The payment to mansabdars was also made by assigning them the jagirs.

Which of the statements given above is/are correct?

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

Q.49) With reference to the architecture of the Lodi dynasty, which of the following statements is **incorrect**?

- a) Tombs were commissioned during the reign of Lodi rulers.
- b) The period marked the introduction of double dome architecture.
- c) Mortar began to be used for the first time as a cementing agent by the rulers of this dynasty.
- d) The tombs built during this period were mostly bare without any lavish decorations.

Q.50) Consider the following statements with respect to the endangered language:

1. According to UNESCO, a language is considered potentially endangered if it is spoken by less than 10,000 people.
2. From 1971 onwards, the Census is counting only those languages that have more than 10,000 speakers.
3. The government of India defines a language as one that is marked by a script.

Which of the statements given above are correct?

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

Q.51) Which of the following can be grown using ratoon cropping?

1. Sugarcane
2. Corn
3. Banana
4. Pineapple
5. Tomato

Select the correct answer using the code given below:

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

Q.52) With reference to the Green-Ag project, consider the following statements:

1. It is a dedicated program for exclusively promoting organic farming in India.
2. It will be implemented in all Himalayan and North-Eastern states of India in the initial phase.
3. It is funded by the Global Environment Facility.

Which of the statements given above is/are correct?

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

Q.53) Which one of the following statements most appropriately describes the reason for our planet to observe seasons of summers and winters?

- a) It is due to the rotational cycle of earth which is synchronized with the climatic conditions of the planet.
- b) It is due to axial tilt of our planet at an angle of 23.5 degrees relative to our orbital plane.

c) It is due to the changing Earth's distance from the sun throughout the year.

d) It is due to the revolutionary cycle of the planet around the sun and the optimal distance between the earth and the sun.

Q.54) Consider the following statements regarding the Himalayan Mountain ranges:

1. The Shiwalik formations are not found in Arunachal Pradesh.
2. Dun formations are a distinctive feature of Sikkim Himalayas.
3. Bugyals are summer grasslands found in the Himalayan region of Uttarakhand.

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

Q.55) Which of the following rivers rise from Vindhya Range?

1. Chambal
2. Banas
3. Betwa
4. Ken

Select the correct answer using the code given below:

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

Q.56) Consider the following statements regarding the Coal Bed Methane (CBM):

1. It is formed during the natural conversion of plant material into coal.
2. It can be converted into other types of hydrocarbons like diesel and gasoline.
3. The Gondwana sediments host the bulk of India's current CBM producing blocks.

Which of the above statements is/are correct?

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

Q.57) With reference to the maize crop, which of the following statement is **incorrect**?

- a) It is both a kharif and rabi crop.
- b) It grows well in semi-arid climatic conditions.
- c) It can be cultivated only in areas with red soil.
- d) Karnataka and Andhra Pradesh are among major maize producing states.

Q.58) Which of the following is/are the reason(s) for the net import of dairy products in the Mediterranean Climate?

1. Mediterranean climatic conditions do not favour high growth of grass.
2. Grasses in this climate are wiry and bunchy and are not suitable for animal rearing.

Select the correct answer using the code given below:

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

Q.59) Which of the following are the possible benefits of hydroponics?

1. Higher yield due to an increase in harvest cycles.
2. Assured production as it is less affected by weather.
3. Lower power related costs.
4. better management in development of Seedling

Select the correct answer using the code given below:

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

Q.60) “These are cold, dry and high velocity winds. They originate on the Alps and move over France towards the Mediterranean Sea. They bring down temperature below freezing point in areas of their influence.”

The above paragraph best describes which of the following winds?

- a) Foehn
- b) Chinook
- c) Sirocco
- d) Mistral

Q.61) Which one of the following statements is correct regarding ‘Banni Buffaloes’?

- a) It is a breed that is primarily found in the district of Rohtak in the state of Haryana.
- b) They are usually bred and preserved by a local community called the ‘Dhangar’.
- c) They are more productive and disease resilient as compared to some other common breeds.
- d) They cannot survive extreme weather conditions such as low humidity and high temperatures.

Q.62) Consider the following statements with reference to the Diastrophic forces:

1. These are constructive forces responsible for the formation of primary landforms.
2. Epeirogenic movements occur along the plate boundaries, producing intense folding and faulting.

3. Orogenic movements cause upliftment of land through vertical movement of the earth's crust.

Which of the statements given above is/are correct?

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

Q.63) Consider the following statements with reference to the Schedule I Animals under Wildlife (Protection) Act of 1972:

1. Species under this Schedule are prohibited from being hunted except under certain circumstances.

2. The Chief Wild Life Warden may give permission to hunt a wild animal specified in Schedule I.

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

Q.64) It has been observed that the Bay of Bengal witnesses more cyclones than the Arabian Sea. What is/are the likely reasons behind this?

1. The Bay of Bengal has lower sea surface temperature than that of the Arabian Sea.

2. The Bay of Bengal receives higher average rainfall than the Arabian Sea.

3. The typhoons originating in the Pacific Ocean influences the cyclones in the Bay of Bengal, which is not the case for the Arabian Sea.

Select the correct answer using the code given below:

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

Q.65) Consider the following statements with respect to mRNA vaccines:

1. They put a weakened or inactivated germ or virus into our bodies.
 2. Unlike viral-vectored vaccines, mRNA is non-infectious.
 3. mRNA component of the vaccine do not affect or interact with our DNA in any way.
- Which of the statements given above is/are correct?

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

Q.66) Consider the following statements:

1. 5G technology uses millimeter wave spectrum to enable more devices to be used within the same geographic area than 4G technology.
2. With respect to speed of the internet, latency for 5G will be higher as compared to earlier technologies.
3. 5G technology will be equipped with Massive MIMO system to improve coverage area of the signal.

Which of the statements given above is/are correct?

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

Q.67) Which of the following is **incorrect** with reference to the Xenotransplantation?

- a) It involves the infusion of organ into a human recipient from a nonhuman animal source.
- b) It targets only monkeys as source animals, with the goal of transplanting monkey's solid organs such as kidneys and hearts.
- c) It is associated with immunological problems and xenogeneic infections.
- d) It has largely resulted in failure in the past due to high rejection rates in recipients.

Q.68) Consider the following statements with respect to the working of the Microwave oven:

1. They are quick and efficient because they channel heat energy directly to the tiny particles inside the food.
2. They do not use x-rays and thus do not make food radioactive.

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

Q.69) Which of the following statements correctly explains the impact of altitude on boiling point of water?

- a) The boiling point of water increases with altitude, due to reduction in atmospheric pressure.
- b) There is no change in boiling point of water with respect to change in altitude.
- c) The boiling point of water decreases with altitude, due to reduction in atmospheric pressure.
- d) The boiling point of water first increases with an increase in altitude, then decreases suddenly.

Q.70) Consider the following statements with reference to Antimicrobial Resistance:

1. It occurs when microorganisms become resistant to medicines making infections harder to treat.
2. It can occur naturally over time through genetic changes.
3. It can spread from person to person.

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

Q.71) Non-Metals are considered to be a bad conductor of electricity. Which among the following is the most suitable reason for it?

- a) High melting point at normal temperature
- b) Excessive free protons around nucleus
- c) Absence of readily available free electrons
- d) Low resistance to external factors

Q.72) Consider the following comparisons between the Solid-state batteries and Lithium-ion batteries:

1. Both types of batteries use thin layers of solid electrolytes.
2. Solid state batteries have higher energy density than Lithium-ion batteries.
3. Unlike Lithium-ion batteries, Solid-state batteries can easily explode or catch fire when damaged.

Which of the statements given above is/are correct?

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

Q.73) The term 'Mosquirix', recently seen in the news, is best described by which of the following statements?

- It is a vaccine that protects against malaria.
- It is a newly discovered species found in Mozambique.
- It is a fossil remains of the Cretaceous period.
- It is Ransomware based on artificial intelligence.

Q.74) Which of the following are the factors responsible for more suitability of ports on the western coast than the eastern coast?

- The western coastal plain are emerging coasts in comparison to sub-merged eastern coastal plains.
- The western coastal plains are broader in the middle and do not form any delta in comparison to the eastern coastal plains.

Select the correct answer using the code given below:

- 1 only
- 2 only
- Both 1 and 2
- Neither 1 nor 2

Q.75) Consider the following statements regarding the impact of increasing ocean acidification:

- It causes an increase in concentration of carbonate ions in the ocean water.
- It leads to lowering of seawater pH resulting from increasing carbon dioxide concentration.
- Some algae and seagrass may benefit from higher carbon dioxide concentrations in the ocean.

Which of the statements given above is/are correct?

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

Q.76) Which of the following is **incorrect** about black holes?

- They are formed when the massive stars collapse under their own gravity.
- Singularity lies at the core of the black holes and has infinite density.
- It appears to be bright yellow when observed from the space telescopes.
- The General Theory of Relativity of Albert Einstein predicted the existence of black holes.

Q.77) With reference to Judicial system of India, consider the following statements regarding Gram Nyaylayas and Lok Adalat:

- Both the institutions of Lok Adalat and Gram Nyaylayas have been established under the Legal Services Authorities Act, 1987.
- Lok Adalat consists of a judicial officer as well as social worker as members, while Gram Nyaylayas are composed of strictly judicial officers.
- The jurisdiction of Gram Nyaylayas include specific criminal cases, but the jurisdiction of Lok Adalat is limited to compoundable criminal cases.
- Unlike Lok Adalat, no appeal lies to any court against the award of the Gram Nyaylayas.

Which of the statements given above is/are correct?

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

Q.78) With reference to the Department of Investment and Public Asset Management (DIPAM), consider the following statements:

- It is a department under the Ministry of Commerce and Industry.
- It advises the Government in matters of financial restructuring of the Central Public Sector Enterprises.
- It is the nodal department for all the Central Public Sector Enterprises.

Which of the statements given above is/are correct?

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

Q.79) Which of the following articles protects the Right to travel abroad for Indian citizens?

- Article 14
- Article 19
- Article 21
- Article 32

Q.80) With reference to the Indian polity, consider the following statements:

1. In all the last three Lok Sabha elections, female voter turnout has been greater than male voter turnout.
2. The 17th Lok Sabha saw the highest ever women MPs elected.
3. Rajkumari Amrit Kaur was the only woman minister in the first cabinet of India formed in 1947.

Which of the statements given above are correct?

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

Q.81) Consider the following statements with reference to the Death penalty:

1. The total number of countries which have formally abolished the death penalty has decreased in the last two decades.
2. The Death penalty is prohibited by the International Covenant on Civil and Political Rights.

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

Q.82) Consider the following statements with reference to the Cognizable and Non-Cognizable offences:

1. In case of cognizable offence, a police officer can make an arrest without a warrant.
2. A non-cognizable offence under the Indian Penal Code is non-bailable in nature.
3. Non-Cognizable offences are those offences which are serious in nature.
4. Waging or attempting to wage war against the Government of India is a cognizable offence.

Which of the statements given above is/are correct?

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

Q.83) Consider the following statements with reference to Collegium System of Judicial appointments:

1. The Supreme Court has recently brought the collegium system under the Right to Information Act.

2. The Collegium's recommendations for a name can be returned by the government.

3. The consultation with the chief justice is obligatory for President in the case of appointment of a judge other than Chief justice.

Which of the statements given above is/are correct?

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

Q.84) As per IT Rules 2021, which of the following ministry has the power to regulate and put restrictions on TV news channels in India?

- a) Ministry of Electronics and Information Technology
- b) Ministry of Home Affairs
- c) Ministry of Communication
- d) Ministry of Information and Broadcasting

Q.85) With reference to Parliamentary privileges in India, consider the following statements:

1. The Members of Parliament can refuse to give evidence in a court of law when Parliament is in session.
2. Parliament can punish even outsiders for breach of its privileges.
3. Both the President and the Attorney General of India are entitled to the privileges of the Parliament.
4. The process of codification of Parliamentary privileges was completed in 1989 on the recommendation of Sarkaria Commission.

Which of the following statements given above is/are correct?

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

Q.86) Consider the following statements with reference to a 'Republic':

1. In a Republic, the head of the state is always elected directly or indirectly.
2. In a Republic, all public offices are opened to every citizen without any discrimination.

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

Q.87) Which of the following statements best describes the term 'a secular state'?

- a) The State shall not compel any citizen to pay any tax/fee for the promotion of a particular religion.
- b) A State which does not uphold any particular religion as the official religion of the State.
- c) People have the right to profess, practice and propagate religion.
- d) Religious groups have the right to establish and maintain religious and charitable institutions.

Q.88) With reference to minorities in India, consider the following statements:

- 1. The Central Government notifies minority communities at the national level under the National Commission for Minorities Act, 1992.
- 2. The Constitution of India provides for the establishment of a Special Officer for Religious Minorities.
- 3. In 2014, Jains, Zoroastrians and Jews were notified as minority communities in India.
- 4. The Supreme Court in various cases has held that the unit for determining the status of both linguistic minorities and religious minorities would be 'nation as a whole'.

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

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

Q.89) Consider the following statements with reference to the powers of Governor of a state:

- 1. All executive actions of the government of a state are formally taken in the Governor's name.
- 2. The Governor can summon or prorogue the state legislature and dissolve the state legislative assembly.
- 3. The Governor can nominate one member to the state legislative assembly from the Anglo-Indian Community.

Which of the statements given above is/are correct?

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

Q.90) Which one of the following statements given below is **incorrect** regarding Lokpal and Central Vigilance Commission?

- a) Both Lokpal and Central Vigilance Commission have been given a statutory status.
- b) The Central Vigilance Commission has been empowered to conduct preliminary inquiry into complaints referred by Lokpal.
- c) It is mandatory to seek advice of Lokpal in appointment of chairperson of Central Vigilance Commissioner.
- d) The jurisdiction of Central Vigilance Commission is limited as compared to Lokpal in terms of various categories of public servants.

Q.91) Under the Constitution of India, forced Manual scavenging violates which of the following?

- 1. Protection of life and personal liberty
- 2. Abolition of Untouchability and prohibition of its practice
- 3. To secure the right to adequate means of livelihood for all citizens

Select the correct answer using the codes given below:

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

Q.92) Which of the statements regarding the administration of tribal areas under the Sixth Schedule of the constitution is correct?

- a) It is applicable in all states where Scheduled Tribes make up more than 40% of the state's population.
- b) These areas are outside the authority of the State Legislature as well as State Executive.
- c) Only the President can organise and reorganise the autonomous districts in these areas.
- d) The High Court of the state does have jurisdiction in these areas.

Q.93) What was the political status of India on 15th August 1947?

- a) Independent Dominion
- b) Non-dominion non-sovereign nation
- c) Democratic Republic
- d) None of the above

Q.94) Which of the following statements regarding the status of Gambling in India is correct?

- a) It is categorised as a game of skill in India
- b) It is present on the State List of the Seventh Schedule of Indian Constitution
- c) Online betting & gambling is illegal throughout India, while it is legalised in offline mode
- d) Advertising for gambling & betting is banned in all the states and invites punishment

Q.95) With reference to India, the terms 'Mising, Rabha, Tiwa and Deori' pertain to?

- a) Musical instruments
- b) Major tribal communities from Assam
- c) Pre-historic cave paintings from South India
- d) Dance forms of Northwest India

Q.96) With reference to the Presiding Officers of the Lok Sabha, consider the following statements:

- 1. The Speaker does not take any separate oath when assuming his office.
- 2. Even in the absence of the Speaker, the Deputy Speaker never presides over a joint sitting.
- 3. The resolution for removal of the Speaker can be passed by an ordinary majority.

Which of the statements given above is/are correct?

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

Q.97) Consider the following statements with reference to the Lowering Emissions by Accelerating Forest Finance (LEAF) Coalition:

- 1. It is a collective effort of the governments of United States, United Kingdom and Norway.
- 2. It aims to strengthen the mechanism of Reducing Emissions from Deforestation and Forest Degradation (REDD+).
- 3. It provides finances for tropical forest protection.

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

Q.98) Consider the following statements with reference to the Tennis Grand Slam or the Calendar Slam:

1. The Calendar Slam in tennis is the achievement of winning all four major championships in one discipline in the same calendar year.

2. The first player to complete the Calendar Slam in a year was Don Budge in 1938.

3. Roger Federer has won the highest numbers of Calendar Slams.

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) 2 only

Q.99) With reference to Indian Olympic Association (IOA), consider the following statements:

1. It is registered as a Non-Profit Organisation under the Societies Registration Act of 1860.

2. It was formed before the independence of India.

3. Along with Olympic games, IOA also oversees the representation of athletes participating in the Commonwealth Games and Asian Games.

Select the correct answer using the code given below:

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

Q.100) Consider the following statements with reference to the Women's Cricket World Cup 2022:

1. The twelfth edition of the ICC Women's Cricket World Cup is being held in the West Indies in 2022.

2. India is yet to win its first ICC Women's Cricket World Cup.

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