



Mains Masters

Test Programme for Mains - 2019

Target

500+ Marks in GS

300+ Marks in Optional

140+ Marks in Essay

Orientation on 12th and 13th June 2019

Timing: 10.30 am

For Registration:

044-4353 9988, 9840394477



General Studies Mock Test – 1

Question Paper with Answer key and explanation

1. Consider the following

- 1) Ecological succession occurs when older communities of plants and animals are replaced by new communities.
- 2) In ecological succession, the new communities are usually more simple.

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

Explanation:

Succession often involves a progression from communities with lower species diversity which may be less stable to communities with higher species diversity

which may be more stable. Hence the new communities would be diverse and not simple

2. Consider the following statements:

- 1) 'Sagarmatha Friendship-2' is a joint military exercise between Nepal and India.
- 2) MILEX-18 is a military exercise initiative of the BIMSTEC group.

Which of the statement(s) given above is/are correct?

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

Explanation:

'Sagarmatha Friendship-2' is a joint military exercise between Nepal and China.



MILEX-18 is the first joint military exercise of the seven member countries of the Bay of Bengal Initiative for Multi-Sectoral Technical and Economic Cooperation (BIMSTEC), with a focus on counter-terrorism in semi-urban areas, took place in Pune on September 10.

3. With reference to the removal of the Governor of a state, consider the following statements:

- 1) He shall be removed when there is a change in the Government at the Centre.
- 2) The decision to remove a Governor cannot be challenged in a court of law.

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**

Explanation:

In B.P. Singhal Case, 2010, the Supreme Court held that the President, in effect the

central government, has the power to remove a Governor at any time without giving him or her any reason, and without granting an opportunity to be heard. However, this power cannot be exercised in an arbitrary, capricious or unreasonable manner. The power of removing Governors should only be exercised in rare and exceptional circumstances for valid and compelling reasons.

4. Which of the following states has International border with more than one country?

- 1) Sikkim
- 2) Assam
- 3) Jammu and Kashmir
- 4) Uttarkhand

Select the code:

- (a) 1, 2 and 3 only
- (b) 1 and 3 only
- (c) 2 and 3 only
- (d) All the above**

Explanation: Refer Atlas



5. Which of the following statement/s about Central Bureau of Investigation (CBI) is/are incorrect?

- 1) 'Delhi Special Police Establishment Act' to check corruption gives power to registering an FIR under the relevant sections of the IPC and later, Prevention of Corruption Act (1988) wherein it was registered only after Preliminary Enquiry established that prima facie an offence of corruption had been committed.
- 2) In 1963, on the recommendations of Santhanam Committee and through a resolution passed by the Government of India, the agency acquired the name 'Central Bureau of Investigation' and came into formal existence.

Choose the correct code:

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

Explanation:

Measure to strengthen CBI – Refer Jain Havala Case (Justice Verma & Vineet Narain Recommendation 1997)

News: ED records statement of senior BCAS official in Upendra Rai case

6. Consider the following statements about the caves of Bhimbetka:

- 1) The Bhimbetka caves are located 50km south of Bhopal, having about 800 rock shelters of which 500 are of cave paintings.
- 2) The artists of Bhimbetka used various colors of paints by grinding rocks and minerals.
- 3) Only white and red colors were used for paintings

Select the correct answer using the code given below:

- (a) 3 only
- (b) 1 & 2 only**
- (c) 2 & 3 only
- (d) 2 only

Explanation:



The artists of Bhimbetka used many colors like red ochre, yellow, black, white and green. So statement 3 is wrong.

7. With reference to the State Election Commissioner, consider the following statements:

- 1) His conditions of service and tenure of office is determined by the state legislature.
- 2) He is removed in manner similar to the removal of a judge of the high court.

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

Explanation:

His conditions of service and tenure of office shall also be determined by the governor. He shall not be removed from the office except

in the manner and on the grounds prescribed for the removal of a judge of the state high court. His conditions of service shall not be varied to his disadvantage after his appointment.

8. Which of the following factors can increase economic growth?

- 1) Higher Savings Rate
- 2) Higher Government Expenditure on Infrastructure
- 3) Higher Exports
- 4) Higher Consumption Expenditure

Select the correct answer using the code given below:

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

Explanation:

Economic growth is an increase in real GDP; it means an increase in the value of goods and services produced in an economy. The rate of economic growth is the annual



percentage increase in real GDP. There are several factors affecting economic growth, but it is helpful to split them up into:

- Demand-side factors (e.g. consumer spending)
- Supply-side factors (e.g. productive capacity)

Simply

Higher Saving -> Higher Investment -> Higher Production -> Higher Exports -> GDP numbers reflects the Economic Growth.

Higher Government Spending -> Higher disposable Income with People -> Higher Consumption -> Higher Demand -> Increase Production -> GDP numbers reflects the Economic Growth

9. Consider the following statement/s about Virashaivism Movement?

- 1) It was initiated by Basavanna and his companions like Allama prabhu and Akkamahadevi.
- 2) It began in Andhra Pradesh.
- 3) They strongly argued for the equality of all human beings and against Brahmanical ideas about caste and the treatment of women.

- 4) They embraced all forms of ritual and idol worship

Choose the Incorrect statement/s:-

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

Explanation:

Virashaiva movement initiated by Basavanna and his companions like Allama Prabhu and Akkamahadevi. This movement began in KARNATAKA in the mid-twelfth century. The Virashaivas argued strongly for the equality of all human beings and against Brahmanical ideas about caste and the treatment of women. They were also AGAINST ALL FORMS OF RITUAL and idol worship.

10. Which of the following statements regarding the Election Commission (EC) is/are correct?

- 1) It can settle disputes between the splinter groups of the recognised parties.
- 2) It can suo moto review the result of an election.



- 3) The decisions of the EC are not subject to judicial review.

Select the correct answer using the code given below.

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

Explanation:

The Election Commission, as a part of its quasi-judicial jurisdiction, also settles disputes between the splinter groups of such recognised parties. Hence statement 1 is correct. By long standing convention and several judicial pronouncements, once the actual process of elections has started, the judiciary does not intervene in the actual conduct of the polls. Once the polls are completed and result declared, the Commission cannot review any result on its own. This can only be reviewed through the process of an election petition, which can be filed before the High Court, in respect of elections to the Parliament and State Legislatures. Hence, statement 2 is not

correct. The decisions of the Commission can be challenged in the High Court and the Supreme Court of the India by appropriate petitions. In respect of elections for the offices of the President and Vice President, such petitions can only be filed before the Supreme Court. Hence, statement 3 is not correct

11. Consider the following

- 1) Biodiversity hotspots have at least 0.5% or 1500 species of plants of the world's three lakh species.
- 2) The region has 70% or more than 70% of the primary vegetation.
- 3) In the case of marine hotspots, coral reefs, snails and fish are taken into consideration.

Select the correct answer using the code given below:

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

Explanation:



The concept of biodiversity hotspots was originated by Norman Myers (1988) and in order to consider an area as a “Hotspot”, that region must meet two strict criteria: (a) it must contain at least 0.5% or 1,500 species of vascular plants as endemics, and it has to have lost at least 70% of its primary vegetation.

The hotspots approach advocated by Myers has been applied to coral reefs. Distribution records of 3235 species of fish, coral, snails and lobsters were used to identify 18 centres of endemism for assessment of global marine hotspots.

12. Which of the following statements are correct with regard Indo-Greeks in Ancient India?

- 1) They occupied a large part of North-Western India but smaller than conquered by Alexander.
- 2) Two Greek dynasties ruled North Western India on parallel lines at one and the same time.
- 3) The most famous Indo-Greek ruler was Menander, who invaded Ganga-

Yamuna doab and converted to Buddhism by Nagasena.

- 4) They were the first to issue gold coins.

Select the correct code:

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

Explanation:

The Indo Greeks a large part of North western India which was larger than that of the land conquered by Alexander.

13. Consider the following statements with respect to the Central Bureau of Investigation (CBI):

- 1) It was established on the recommendations of the Sarkaria Commission.
- 2) The legal powers of investigation of the CBI are derived from the Prevention of Corruption Act 1988.



- 3) It works directly under the Prime Minister Office.

Which of the statements given above is/are correct?

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

Explanation:

CBI was formed based on the recommendations of the Santhanam Committee on Prevention of Corruption. It was established by a resolution of the Ministry of Home Affairs. Later, it was transferred to the Ministry of Personnel and now it enjoys the status of an attached office. It derives its powers from the Delhi Special Police Establishment Act, 1946. The CBI is the main investigating agency of the Central Government.

14. Recent proposed amendment to Citizenship act regarding "Illegal Migrant" has created agitation in Assam. Consider the following statement on legal provisions

of Citizenship in India. Which of the statement/s is/are incorrect?

- a) Article 11 of the Indian Constitution gives power to the Parliament to make any law relating to the Indian Citizenship.
- b) **The Citizenship Amendment Act of 2005, provided for acquisition of overseas citizenship of India by persons of Indian origin of all countries other than Pakistan and Bangladesh.**
- c) Supreme court in State Trading Corporation case 1963 emphasized a shareholder of a company should be considered as a Indian Citizen and is entitled to the protection given under Article 19 of the Indian Constitution.
- d) The 1955 Act defines an illegal migrant as a foreigner who enters India without a valid passport or travel documents or stays beyond the permitted time. As per the law, they may be imprisoned or deported.



Explanation:

No person, who is or had been a citizen of Pakistan or Bangladesh or such other country as the Central Government may, by notification in the Official Gazette, specify, shall be eligible for registration as an overseas citizen of India. (Section 7B, Citizenship Act, 1955)

15. Consider the following

- 1) Eutrophication is primarily caused by the leaching of phosphate and nitrate containing fertilisers used in agricultural fields
- 2) The anaerobic conditions due to eutrophication can promote the growth of fungi which produces toxins

Which of the above statement is/are true?

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

Explanation:

High levels of usage of N and P are considered to be responsible for proliferation of algae and fungal growth in the water bodies.

16. Recently, a draft Model Contract Farming Act 2018 was released by the Ministry of Agriculture to encourage contract farming.

Which of the following statements is/are correct regarding contract farming?

- 1) Under contract farming, agricultural production can be carried out based on a pre-harvest agreement between buyers and producers.
- 2) Presently, it requires registration with Agricultural and Processed Food Products Export Development Authority (APEDA) to undertake contract farming.

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



Explanation:

Contract farming: Under it, agricultural production (including livestock and poultry) can be carried out based on a pre-harvest agreement between buyers (such as food processing units and exporters), and producers (farmers or farmer organisations). Hence, statement 1 is correct.

Under contract farming, the producer can reduce the risk of fluctuating market price and demand, and the buyer can reduce the risk of non-availability of quality produce. Under the existing regulatory structure, contract farming requires registration with the Agricultural Produce Marketing Committee (APMC) in few states. This means that contractual agreements are recorded with the APMCs which can also resolve disputes arising out of these contracts. Hence, statement 2 is NOT correct.

17. Recently SpiNNaker was in news, it is related to?

- (a) Human Brain mimicking Super Computer.
- (b) Light Combat Aircraft

- (c) Risk-Five Microprocessor
- (d) Space probe to VENUS

Explanation:

Spiking Neural Network Architecture Machine (SpiNNaker) – world's largest super computer built to work like a Human Brain.

18. Match the following

Organisation	Headed by
1. Mitra Mela	- Barindra kumar Ghosh
2. Anushilan Samiti	- Shyamji Krishna varma
3. Berlin committee	- V.D. Savarkar
4. Indian home rule society	.- Lala Har Dayal

Select the correct code:

- (a) 1 – C, 2 – D, 3 – B, 4 – A
- (b) 1 – C, 2 – A, 3 – D, 4 – B**
- (c) 1 – D, 2 – C, 3 – B, 4 – A



(d) 1 – A, 2 – C, 3 – D, 4 – A

19. Recently Strategic Partnership guidelines/model was in news regarding Defence Acquisition Council in India. What is the objective of the model?

- a) It is a major step in bilateral relationship based on shared values and generally convergent geopolitical interest.
- b) It is a major step towards boosting private sector participation in domestic Defence manufacturing in India.**
- c) It is to make decisions regarding Transfer of Technology under 'Buy & Make' category of acquisition proposals
- d) To accord of Acceptance of Necessity to acquisition proposals.

Explanation:

Strategic Partnership SP Model aims to revitalize defence industrial ecosystem and progressively build indigenous capabilities in private sector to design, develop and manufacture complex weapon system for

future needs of armed forces. It lays emphasis on incentivisation of transfer of niche technology and higher indigenous content.

20. Incremental Capital Output Ratio (ICOR) is:

- (a) Same in agriculture and industries in India
- (b) Lower when capital efficiency increases**
- (c) Always a stock variable
- (d) Always more than 1

Explanation:

ICOR is the additional capital required to generate additional output. Thus, it reflects how efficiently capital is being used to generate additional output. For example, if the 10% additional capital is required to push the overall output by a per cent, the ICOR will be 10. Higher ICOR indicates that the production is inefficient as it requires more capital investment to generate the next unit of production.



21. In the context of Penal Code in Jammu and Kashmir, which of the following statement(s) is/are correct?

- 1) Indian Penal Code doesn't automatically extend to Jammu and Kashmir.
- 2) Jammu and Kashmir is governed by its criminal law i.e. Ranbir Penal Code.
- 3) Ranbir Penal Code was framed on the lines of Indian penal code after independence of India.

Select the correct answer using the code given below:

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

Explanation:

Indian Penal Code is not applicable in Jammu & Kashmir as Article 370 of the Constitution of India provides special status to the state. Jammu and Kashmir state Ranbir Penal Code or RPC is the main criminal code applicable in the Indian state of

Jammu and Kashmir. It came into force in 1932. The code was introduced during the reign of Dogra dynasty with Ranbir Singh as its ruler. It was made on the lines of Indian Penal Code prepared by Thomas Babington Macaulay.

22. Which of the following is the primary objective of HySIS (Hyperspectral Imaging Satellite)?

- (a) For Monitoring Pollution from Industries.
- (b) To Aide in Weather Forecasting.
- (c) For improving Communication Technology
- (d) To Study nearby Asteroids

Explanation:

The satellite's data will be useful in many fields including agriculture, forestry, soil survey, geology, coastal zone studies, inland water studies, environmental monitoring and pollution detection from industries

23. The variation in duration of sunlight at different places is due to following reason



- 1) Latitude
- 2) Longitude
- 3) Duration of day
- 4) Season

Select the correct code:

- (a) 1 and 3 only
- (b) 1 and 4 only
- (c) 1, 3 and 4 only**
- (d) All the above

Explanation:

The variation in duration of sunlight at different places is due to differences in latitude, altitude, season and duration of the day

24. Which of the following statement/s is/are incorrect about Kartarpur Corridor (Humanity bridge) between India and Pakistan?

1. The corridor linking Gurdwara Darbar Sahib in Pakistan's Kartarpur to Dera Baba Nanak shrine in India's Gurdaspur district to facilitate visa-

free movement of Indian Sikh pilgrims.

2. The first Gurdwara, Gurdwara Kartarpur Sahib, was established by the first Sikh Guru where Guru Nanak Dev is said to have died.(1522)
3. The Kartarpur Sahib corridor was proposed by the then Prime Minister Atal Bihari Vajpayee when he took a bus ride to Lahore during a peace initiative with Pakistan.

Choose the correct code:

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

Explanation:

News:

November 26: Vice President Venkaiah Naidu lays the foundation stone of the Dera Baba Nanak - Kartarpur Sahib Corridor (up to the International Border) at an event at Mann village of Gurdaspur district of Punjab.



November 28: Prime Minister Imran Khan lays the foundation stone of the 4-km corridor which is expected to be completed by next year.

25. Which of the following joint demands were signed in Lucknow pact?

- 1) Self Government for Indians
- 2) More than half of the members of viceroy's executive council must be Indians
- 3) The term of legislature council should be five years

Select the correct code:

- (a) 1 and 2 only
- (b) 1 and 3 only**
- (c) 2 and 3 only
- (d) All the above

Explanation:

Half the members of the Imperial Legislative Council to be Indians and not of Viceroy's executive council.

26. The Constitution of India declares that all laws inconsistent with or in derogation of the Fundamental Rights shall be void. The

term 'law' here doesn't include which of the following?

- (a) Constitutional Amendment Acts**
- (b) Ordinances issued by the President
- (c) Rules and regulations not passed by the Legislature
- (d) Customs having the force of law

Explanation:

The Supreme Court held in the Kesavananda Bharati case (1973) that a Constitutional amendment can be challenged on the ground that it violates a fundamental right that forms a part of the 'basic structure' of the Constitution. But it still doesn't come under the definition of 'law.'

27. Which of the following statement/s about NALSA (National Legal Service Authority) is/are incorrect?

- (a) It provides for free legal aid to the poor and weaker sections of the society.
- (b) It is a non-statutory body.**



- (c) It also organises Lok Adalats for amicable settlement of disputes.
- (d) It can also get compensation to victims of crime.

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

Explanation:

It has been constituted under the Legal Services Authorities Act, 1987. Hence, it is a statutory body.

Note: NALSA works in close coordination with various State Legal Services Authorities, District Legal Services Authorities and other agencies. The State Legal Services Authority is headed by Hon'ble the Chief Justice of the respective High Court who is the Patron-in-Chief of the State Legal Services Authority.

28. In what way are labour reforms expected to benefit the Indian economy?

- 1) Improving ease of doing business
- 2) More formalisation of the work force
- 3) Providing social security for workers
- 4) Increasing participation of women in the work force

Select the correct answer using the code given below.

Explanation:

The labour reforms including the code on occupational safety will reduce hassles and paper works for industries, and in a way improve productivity. The reforms will give the required push for simpler labour laws, and help in economic growth

29. Which among the following are true regarding Op Digital board?

- (a) It is a digital India initiative towards learning in primary schools only
- (b) It's implemented all over the country in government and government aided schools from class 9th onwards as well as in higher education institutions.**
- (c) It is provision for providing smart teaching methods in higher education institutions



(d) None of the above

Explanation:

ODB aims at converting a class room into a digital class room and provide e-resources at any time and at any place to students. The digital board will be introduced all over the country in government and government aided schools from class 9th onwards as well as in higher education institutions. The Operation Digital Board (ODB) will be implemented in the Higher Education Institutions (HEIs) by the University Grants Commission (UGC).

30. Which of the following statement/s is/are incorrect with regards International Solar Alliance?

- (a) **ISA is the first Treaty-based International Inter-governmental Organization to be based in Geneva.**
- (b) ISA aims to address obstacles to deployment at scale of Solar Energy through better harmonization and aggregation of demand from solar rich countries.

(c) The member countries are lying fully or partially between the Tropic of Cancer and Tropic of Capricorn.

(d) Under ISA, three Programs i.e., Scaling up Solar Applications for Agriculture Use, Affordable Finance at Scale and Scaling Solar Mini-grids have already been launched.

Explanation:

The headquarters of International Solar Alliance is in Gurugram(Haryana) India

31. With respect to Doctrine of Eclipse, consider the following statements:

- 1) It provides for the validation of Pre-Constitution Laws that violate fundamental rights.
- 2) It is enshrined in Article 13 of the Constitution.

Which of the statement given above is/are correct?

(a) 1 only



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

The Doctrine of Eclipse says that any law inconsistent with Fundamental Rights is not invalid. It is not dead totally but overshadowed by the fundamental right. The inconsistency (conflict) can be removed by constitutional amendment to the relevant fundamental right so that eclipse vanishes and the entire law becomes valid.

Article 13(1): All laws in force in the territory of India immediately before the commencement of this Constitution, in so far as they are inconsistent with the provisions of this Part, shall, to the extent of such inconsistency, be void. Thus the Doctrine of Eclipse provides for the validation of Pre-Constitution Laws that violate fundamental rights upon the premise that such laws are not null and void ab initio but become unenforceable only to the extent of such inconsistency with the fundamental rights. If any subsequent amendment to the Constitution removes the inconsistency or the conflict of the existing law with the fundamental rights, then the Eclipse vanishes and that particular law again

becomes active again. Hence Both statements are correct.

32. UTTAM app is related to

- (a) Textile industry
- (b) Coal mining**
- (c) Steel industry
- (d) Oil Refinery

Explanation:

UTTAM stands for – Unlocking Transparency by Third Party Assessment of Mined Coal (uttam.coalindia.in). Ministry of Coal and Coal India Limited (CIL) developed the app. It ensures transparency and efficiency in the coal quality monitoring process and brings coal governance closer to people.

It aims to provide for all citizens and coal consumers to monitor the process of Third Party Sampling of coal across CIL subsidiaries. It provides a platform for monitoring of sampling and coal dispatches. It is an example of leveraging technology to facilitate a bidirectional channel between Coal India Limited and a common citizen.



The salient features of UTTAM APP are: 1. Sampling Coverage 2. Subsidiary wise quality parameters 3. Complaints pertaining to quality of Coal 4. Sampled Volume 5. Imported Coal

33. Which of the following features are not related to Government of India act, 1935?

- 1) Provinces were granted autonomy and separate legal identity.
- 2) The financial powers of Provinces were in the hands of Governor.
- 3) All the members of Legislature were to be directly elected.

Select the code:

- (a) 1 and 3
- (b) 2 only
- (c) 3 only
- (d) All the above**

34. Choose the incorrect statements about CRZ (Coastal Regulation Zone) in India:

- a) Unauthorized structures are not allowed to be constructed in CRZ-2

b) No activities permitted in the ecologically sensitive area of CRZ-1

c) Only certain activities related to agriculture even some public facilities are allowed in CRZ-3

d) Solid waste should be let off in CRZ-4

Explanation:

CRZs have been classified into 4 zones for the purpose of regulation:

CRZ-I: includes ecologically sensitive areas, where no construction is allowed except activities for atomic power plants, defense.

CRZ-II: includes designated urban areas that are substantially built up. Construction activities are allowed on the landward side only.

CRZ-III: includes relatively undisturbed areas, mainly rural areas. No new construction of buildings allowed in this zone except repairing of the existing ones. However, constructions of dwelling units in the plot area lying between 200-500m of the high tide line is allowed.

CRZ-IV: includes the water area covered between Low Tide Line and 12 nautical miles seaward. Except for fishing and related



activities, all actions impugning on the sea and tidal water will be regulated in this zone.

35. Which of the following legislation requires recommendation or previous sanction of President as a matter of procedure?

- 1) A bill for the formation of new States or the alteration of boundaries, etc of existing states.
- 2) Money bill under Article 117 (1).
- 3) A bill affecting the taxation in which states are interested.
- 4) A bill imposing reasonable restrictions on freedom of trade, commerce or intercourse with or within that state.

Choose the correct code:

- (a) 1 and 2 only
- (b) 1, 2 and 3 only
- (c) 2, 3 and 4 only
- (d) All the above.**

Explanation:

Article 304 of Part XIII and Article 274 (1)

36. Consider the following

- 1) Sagarmala project is a port-led development programme under Ministry of road transport and highways
- 2) It provides enhanced connectivity with main economic centres and through expansion of road, rail services, coastal and inland water services.
- 3) Port Infrastructure enhancement – includes modernization of existing ports but not setting up of new ports.

Identify the incorrect code

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

Explanation:

Sagarmala project was launched by MINISTRY OF SHIPPING with the broad objectives of promoting port-led direct and indirect development and to provide infrastructure for transportation of goods to



and from ports quickly, efficiently and cost-effectively.

Three pillars of development under Sagarmala Project are:

1. Port-led development through appropriate policy.
2. Port Infrastructure enhancement – including modernization of EXISTING PORTS and setting up of NEW PORTS.
3. Efficient evacuation to and from hinterland.

37. Consider the following statement related to Bird Flu and select the correct code:

- 1) Bird Flu usually does not make wild birds ill but can kill poultry and people.
- 2) The Avian influenza in birds spreads from nasal secretion and fecal matter of the infected birds; the transmission is or through direct contact.
- 3) According to WHO, even dead fowl can carry the lethal H5, H7 and H9 virus for 10 days.

Select the Code

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

Explanation:

Avian influenza, or “bird flu” or “avian flu” is an infection caused by avian (bird) influenza (flu) viruses. These flu viruses occur naturally among birds. Wild birds worldwide carry the viruses in their intestines, but usually do not get sick from them. However, bird flu is very contagious among birds and can make some domesticated birds, including chickens and ducks, very sick and kill them. Infected birds shed flu virus in their saliva, nasal secretions, and feces (droppings). Susceptible birds become infected when they have contact with contaminated excretions or surfaces that are contaminated with excretions. Waterfowls are known to be reservoirs of infection. The avian flu virus does not harm these waterfowls. However the waterfowls can spread the avian flu virus to humans. These waterfowls are therefore “carriers” of avian flu.



38. "Imperialism and Militarism are the twin children of Capitalism". These famous words were given by

- (a) Motilal Nehru
- (b) Subash Chandra Bose
- (c) **Lala Lajpat Rai**
- (d) Aurobindo Ghosh

Select the incorrect code

- (a) 1 only
- (b) **1 and 2**
- (c) 2 and 3
- (d) None

Explanation:

Lajpat Rai was among the first in India to link capitalism with imperialism and emphasize the crucial of the working class in fighting this combination. He said on 7 November, 1920: 'India... has... been bled by the forces of organized capital and is today lying prostrate at its feet. Militarism and Imperialism are the twin-children of capitalism; they are one in three and three in one.

Explanation:

Index of Industrial Production (IIP) is a measure of industrial performance which is compiled and released EVERY MONTH by Central Statistics Office (CSO). It comprises 3 sectors mining, manufacturing and electricity. BASE YEAR is revised from 2004-05 to 2011-12. Index of eight core industries (ICI) measures the performance of eight core industries i.e. coal, crude oil, natural gas, petroleum refinery products, fertilizers, steel, cement and electricity. It is a monthly production Index, by Office of the Economic Adviser, Department of Industrial Policy and Promotion .The industries included in the ICI roughly comprise 40 per cent weight in the IIP.

39. Consider the following

- 1) Index of Industrial Production and Index of Eight Core Industries are released by CSO every year.
- 2) Base year for calculating IIP is 2004-05
- 3) IIP comprises of 3 sectors namely mining, manufacturing and electricity.



40. Which of the following is the main objective of Udyam Abilasha programme/campaign launched by SIDBI?

- (a) Campaign with a vision of transformational change in rural development processes by leveraging knowledge
- (b) National level Entrepreneurship Awareness Campaign**
- (c) Programme to reduce over indebtedness and to provide formal system of credit.
- (d) Dual objectives of adding diversity to the incomes of rural poor families and cater to the career aspirations of rural youth.

Explanation:

PM-YUVA Yojana has four specific objectives

- Educate and equip potential and early stage entrepreneurs
- Connect entrepreneurs in enabling networks of peers, mentors, incubators, funding and business services
- Coordinate and support entrepreneurs through Entrepreneurship Hubs(E-Hubs)

- Catalyze a culture shift to support aspiring entrepreneurs

41. Which of the following statements are related to Tropical deciduous forest?

- 1) Multi-layered structure of vegetation is found
- 2) Trees shed their leaves for about 6 to 8 weeks
- 3) Bamboo, sal, sandalwood, peak are important species

- (a) 1 and 2 only
- (b) 1 and 3 only
- (c) 2 and 3 only**
- (d) All the above

Explanation:

Tropical evergreen forest has a multi layered structure because the trees are luxuriant vegetation of all kinds – trees, shrubs and creepers, scrubs.

42. What are sovereign bonds?

- (a) Sovereign bonds are bonds held by sovereign countries which can be traded as foreign exchange.



- (b) Sovereign bonds are bonds floated by sovereign countries which can be traded as foreign exchange.
- (c) Sovereign bonds are bonds floated by some strong industrialized countries which are bought by other countries and are considered akin to foreign exchange reserves.
- (d) Sovereign bonds are bonds floated by sovereign countries in any currency which can be freely traded in the open market**

Explanation:

A sovereign bond is a debt security issued by a national government. Sovereign bonds can be denominated in a foreign currency or the government's own domestic currency. The less stable of a currency denomination, the greater the risk the bondholder's faces. The government of a country with an unstable economy tends to denominate its bonds in the currency of a country with a stable economy. Because of default risk, sovereign bonds tend to be offered at a discount.

43. Consider the following about Delhi-Mumbai Industrial Corridor

- 1) It passes through six states and eight cities with population more than one million.
- 2) Its primary objective is to incentivise export oriented growth.
- 3) It is likely to reduce regional inequality in India.

Select the correct code

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

Explanation:

Delhi-Mumbai Industrial Corridor (DMIC) is an infrastructure and industrial project that aims to construct industrial areas, towns and other facilities across a 1504 km long corridor between Mumbai and Delhi supported by Dedicated Freight Corridor railway connectivity. It would traverse between India's political and economic



capitals, linking six states and 10 cities with more than a million residents each, with 11 investment regions and 13 industrial areas that would serve as growth poles.

44. Consider the following statements about Brahma Samaj:

- 1) Brahma Samaj was against idolatry and meaningless rituals.
- 2) Raja Ram Mohan Roy wanted to establish a new religion to purify Hinduism
- 3) Sadharan Brahma Samaj was led by Debendranath Tagore
- 4) The influence of Brahma Samaj was spread all over India

Identify the incorrect code:

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

Explanation:

Raja Ram Mohan Roy's greatest achievement in the field of religious reform

was the setting up of the Brahma Sabha in 1828 and the Brahma Samaj was the first important organization of religious reforms. It forbade idol-worship and discarded meaningless rites and rituals. The Samaj also forbade its members from attacking any religion.

In 1866, there was a split in the Brahma Samaj when Keshab Chandra Sen and his group held views which were more radical than those of the original Brahma Samajists. They proclaimed freedom from the bondage of caste and customs, and from the authority of scriptures. They advocated and performed inter-caste marriages and widow remarriages, opposed the custom of purdah and condemned caste divisions. Adi Brahma Samaj was led by Debendranath Tagore

45. DIKSHA an initiative by the government aims to,

- (a) Assist below poverty line households in forming functional self help groups
- (b) Assist teachers by equipping them with advanced digital infrastructure**



- (c) Assist explorers by providing a single window clearance facility for product certification
- (d) Assist non governmental organization by allowing them access to government infrastructure

Explanation:

Diksha portal will enable, accelerate and amplify solutions in realm of teacher education. It will aid teachers to learn and train themselves for which assessment resources will be available. It will help teachers to create training content, profile, in-class resources, assessment aids, news and announcement and connect with teacher community.

46. Date of manufacture of food items fried in oil should be checked before buying because oils become rancid due to:

- (a) Oxidation
- (b) Reduction
- (c) Hydrogenation
- (d) Decrease in viscosity

Explanation:

When fats and oils are oxidised, they become rancid and their smell and taste change.

47. Construe the Protected Area with the help of the following indications :

- 1) The area gets flooded every year by the Brahmaputra and the Karbi hills on its south act as an important refuge.
- 2) It has the highest tiger density and the third highest population of tigers in the country.

Select the correct code from the options given below:

- (a) Pabitora
- (b) Manas
- (c) **Kaziranga**
- (d) Dibru Saikhowa

48. The EVMs were developed at the behest of the Election Commission with the help of which of the following establishments:



- 1) Bharat Electronics Limited (BEL)
- 2) Electronics Corporation of India Limited (ECIL)
- 3) Central Electronics Limited
- 4) Electronics Corporation of Tamil Nadu Limited (ELCOT)

Choose the correct code:

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

Explanation:

The EVMs were developed at the behest of the Election Commission jointly with two Public Sector Undertakings, Bharat Electronics Limited, Bangalore (BEL) and Electronics Corporation of Indian Limited, Hyderabad (ECIL) in 1989.

49. Recently, Union Ministry of Environment, Forest and Climate Change (MoEFCC) has notified rules two years after Compensatory Afforestation Fund (CAF) Act, 2016 to this effect was enacted. Which of the following statement/s is/are incorrect about CAF fund?

(a) The fund is accumulated amount which user agencies have been depositing as compensation for diverting forest land for non-forest purposes such as setting up industries or creating infrastructure, over the past 10 years.

(b) The national and state compensatory afforestation funds are both have been established under consolidated fund of India and Consolidated fund of each state.

(c) They can be utilised for only activities listed under the CAF Act.

(d) The rules specify that 80% of compensatory afforestation amount will be utilised by states for plantations, assisted natural regeneration of forests, pest and disease control in forest, forest fire prevention, soil and moisture conservation works and improvement of wildlife habitat..etc.

Explanation:



The national and state compensatory afforestation funds are both non-lapsable and have been established under Public Account of India and Public Account of each state.

News: Forest fund rules a blatant breach of assurances, says Jairam Ramesh./ The Hindu/ 25th August 2018

Note: The rules specify that 80% of compensatory afforestation amount will be utilised by states for plantations, assisted natural regeneration of forests, pest and disease control in forest, forest fire prevention, soil and moisture conservation works and improvement of wildlife habitat, among other things from list of 13 permissible activities. The remaining 20% will be used for 11 listed works to strengthen infrastructure related forest and wildlife protection.

50. A region records abundant rainfall, but with a winter maximum. The temperature throughout the year is moderate. These are the characteristics of

- (a) **Marine West Coast Climate**
- (b) Monsoon Climate

- (c) Taiga Climate
- (d) Temperature Grassland Climate

51. Arrange the following passes from east to west

- 1) Shipki la
- 2) Bomdi la
- 3) Zoji la
- 4) Bara lacha

Select the code

- a) **2 – 1 – 4 – 3**
- b) 2 – 4 – 1 – 3
- c) 3 – 4 – 1 – 2
- d) 2 – 4 – 3 – 1

52. Which of the following are true about Nagpur Session of Indian National Congress in 1920?

- 1) Provincial congress committees were organized on linguistic basis.
- 2) Programme of non-cooperation was endorsed.
- 3) First All India Youth Congress was formed.

Select the correct code



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

Explanation:

All India Youth Congress was formed through Calcutta Session of 1928.

53. With reference to the newly launched 'Horizon 2020' initiative, which of the following statements are correct?

- 1) It aims to develop a cost-effective and affordable vaccine for influenza.
- 2) It has been launched under the collaboration of European Union and Government of India.
- 3) It will contribute in achievement of Sustainable Development Goal Number 3

Select the correct answer using the code given below.

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

Explanation:

The Indian government and the European Union (EU) have joined hands for Rs 240 crore research programme to develop a "Next Generation Influenza Vaccine" to protect citizens worldwide. The EU and the Indian government's Department of Biotechnology (DBT), have also committed €15 million each to fund this joint call for the program named "Horizon 2020". These joint efforts also aim to develop cost-effective and affordable influenza vaccine rapidly without compromising quality. Sustainable Development Goal 3 aims to ensure healthy lives and promote wellbeing for all at all ages.

54. Which among the following is / are the "Transfer Payments"?

- 1) Subsidies
- 2) Social Security expenditure done by Government
- 3) Pensions delivered via National Social Assistance Programme
- 4) Government contribution in the New Pension Scheme



Choose the correct statements from the above:

- (a) 1, 2 & 3 only
- (b) 2, 3 & 4 only
- (c) 1, 3 & 4 only
- (d) All the above**

Explanation:

A transfer payment is a one-way payment to a person for which no money, good, or service is given or exchanged. Transfer payments are made to individuals by the government through various social benefit programs. These types of payments are executed by the govt to individuals through programs such as Social Security.

55. Which of the following statements related to central administrative tribunal are correct?

- 1) It is a statutory body.
- 2) Its member are drawn from administrative background only.
- 3) It is not bound by the procedure prescribed in the code of civil procedure

- 4) Its jurisdiction covers the members of all India service as well as central service and central government post.
- 5) It was set up in 1985.

Select the code

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

Explanation:

The members of CAT are drawn, both from judicial as well as administrative streams so as to give the Tribunal the benefit of expertise both in legal and administrative spheres.

56. Mountain roads wind up gradually and do not go straight up, because

- (a) It is easier to construct winding roads
- (b) Winding roads offer more friction making driving easier
- (c) On winding roads less force is needed to overcome gravity**
- (d) Chances of accidents are less on winding roads



Explanation:

When the roads wind up, due to the small angle of inclination you have to work less to go up against your gravity. That is why mountain roads rarely go straight up the slope but wind up gradually.

57. Nitric oxide pollution can lead to:

- 1) Leaf spotting in plants
- 2) Bronchitis-related respiratory problems in human
- 3) Production of corrosive gases through photochemical reaction

Which of the following is /are correct ?

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

58. Which of the following statement/s is/are incorrect related to National Commission for Backward Classes (NCBC)?

- (a) NCBC presents annual report to Central Government containing full account of its activities during previous year. The report is

placed before each House of Parliament by Central Government, along with memorandum explaining action taken on advice tendered by Commission.

- (b) National Commission for Backward Classes is under the Ministry of Social Justice and Empowerment.
- (c) It was constituted pursuant to the provisions of the National Commission for Backward Classes Act, 1993. Parliament passed a bill to accord Constitutional Status in 2018.
- (d) **The Supreme Court held that the Constitution recognized social, educational and economic backwardness.**

Explanation:

The Supreme Court held that the Constitution recognised only social and educational — and not economic — backwardness. Refer: Mandal Commission and Indra Sawhney Case 1993.



News: Parliament passes bill to grant constitutional status to National Commission for Backward Classes./ The Hindu/ 6th August 2018.

Note: National Commission for Backward Classes has not yet been empowered to look into the grievances of persons of Other Backward Classes.

59. Consider the following statements:

- 1) The seawater temperature of Red Sea is higher than that of Persian Gulf.
- 2) The Baltic Sea water is more saline than that of Black Sea.

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

Explanation:

The temperature in the enclosed seas in low latitudes becomes higher because of the

influence of surrounding land areas than the open seas. The sea water temperature is 37.8°C in the Red Sea and 34.4°C (94°F) in the Persian Gulf. The Baltic sea is less saline than that of Black sea due to its location in higher latitudes and mixing of melt water from the glaciers.

60. In the areas covered under Panchayat Extension Act, what is the role played by Gram Sabha?

1. Gram Sabha has the power to prevent alienation of land in the scheduled area.
2. Gram Sabha has the ownership of minor forest produce

Which of the above statements are correct?

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

Explanation:

Refer the provisions of PESA Act

61. Consider the following statements:



Assertion (A): A buyback is a mechanism through which a listed company buys back shares from the market. It would raise the earnings per share (EPS).

Reason (R): Buybacks are typically done when a company has a significant reserve. Since the bought back shares are extinguished the stake of the remaining shareholders rise.

Choose the correct code:

- (a) Both A and R is true but R is the correct explanation of A
- (b) Both A & R are true but R is the not correct explanation of A
- (c) A is true R is False
- (d) A is false R is true

Explanation:

Stock buybacks refer to the repurchasing of shares of stock by the company that issued them. A buyback occurs when the issuing company pays shareholders the market value per share and re-absorbs that portion of its ownership that was previously distributed among public and private investors.

News: Prominent companies Infosys, TCS, L&T go for share Buyback mechanism to tighten their grip on the firm/ ONGC Board to consider Rs.4000 Cr Share Buyback option./The Hindu/ August 2018

62. What facilities are provided by the Payment Banks?

- 1) Fixed Deposits
- 2) Debit Cards
- 3) Credit Cards
- 4) Loans

Select the correct option from the codes given below:

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

Explanation:

A payments bank is like any other bank, but operating on a smaller scale without involving any credit risk. In simple words, it can carry out most banking operations but can't advance loans or issue credit cards. It



can accept demand deposits (up to Rs 1 lakh), offer remittance services, mobile payments/transfers/purchases and other banking services like ATM/debit cards, net banking and third party fund transfers. The major objective being digital secure banking and financial inclusion across the country

63. Which of the following statements is/are correct regarding 'Delhi Manifesto'?

- 1) It included demands of Muslim leaders accepted by Congress to be included in the draft constitution.
- 2) It asked for majority representation of Congress at the Round Table Conference.

Select the correct code

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

Explanation:

In December 1927, a large number of Muslim leaders had met at Delhi at the Muslim League session and evolved four proposals for Muslim demands to be

incorporated in the draft constitution. These proposals, which were accepted by the Madras session of the Congress (December 1927), came to be known as 'Delhi Proposals'.

Delhi Manifesto:

On November 2, 1929, a conference of prominent national leaders issued 'Delhi Manifesto' which demanded

1. That the purpose of the Round Table Conference (RTC) should be to formulate a scheme for implementation of the dominion status (thus acting as a constituent assembly) and the basic principle of dominion status should be immediately accepted;
2. That the Congress should have majority representation at the conference ;
3. Amnesty and a general policy of conciliation

64. Which of the following statement/s is/are correct about Strategic Trade Authorization (STA-status accorded by US on India?



- 1) This coveted status brings India in par with US's closest allies and partners such as NATO.
- 2) STA-1 designation authorizes export, re-export and transfer (in-country) of specified items on Commerce Control List to destinations posing a low risk of unauthorised or impermissible uses.
- 3) India is only Asian country to be on the list which has 36 countries in total.

Choose the correct code:

- (a) 1 and 3 only
- (b) 1 and 2 only**
- (c) 2 and 3 only
- (d) All the above.

Explanation:

India is only South Asian country to be on the list. Other Asian countries designated as STA-1 are Japan and South Korea.

News: United States has designated India as Strategic Trade Authorization-1 (STA-1) country that will allow country to buy highly

advanced and cutting-edge sensitive technologies from America.

Refer: Dual-Use Technologies, Export Administration Regulation (EAR)

65. Biogas is a mixture of gases produced by microbial activity and which has its use as a fuel. The gases that are released during the process include :

- 1) Methane
- 2) Carbonmonoxide
- 3) Hydrogen sulphide
- 4) Nitrogen

Select the correct code from the options given below:

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

Explanation:

Biogas comprises of
Methane-50-75%
Carbondioxide- 25%
Nitrogen-10%



Hydrogen sulphide-3%

66. Identify the correct statement:

- 1) Development of cold ocean current along the coast of Peru replacing the warm current leads to El Nino.
- 2) El Nino decreases the sea-surface temperature and weakens the Trade winds.

Select the code:

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

Explanation:

El Nino is the periodic development of a warm ocean current along the coast of Peru as a temporary replacement of the cold Peruvian current. This current increases the temperature of water on the Peruvian coast by 10°C.

67. Arrange the following in chronological order

- 1) Wavell Plan

- 2) Cripps Mission
- 3) Formation of Indian National Army
- 4) CR Formula

Select the correct code

- (a) 2-3-1-4
- (b) 3-2-1-4
- (c) **2-3-4-1**
- (d) 3-2-4-1

Explanation:

• Wavell Plan: May 1945

• Cripps Mission: March 1942

• Formation of Indian National Army: August 1942

• CR Formula: 1944

68. When an economy goes through a slowdown, which of the following must be true?

- 1) Level of Effective Demand is coming down.
- 2) Growth of Effective Demand is coming down
- 3) Inflation rate is going up
- 4) Unemployment Rate is going up.



Select the correct answer from the given codes.

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

Explanation:

Effective demand is a point where aggregate demand and aggregate supply in the economy meets. An increase in effective demand usually means the economy is growing ie; the aggregate demand is increasing as with the aggregate supply.

The slowdown in an economy usually means a reduction in the level of effective demand.

The inflation rate has less to do with slowdown and more with the recession. In simple words, Inflation is usually coupled with growth and shows an increase in effective demand.

Unemployment rate typically goes up when there is a recession and not during the slowdown. During a slowdown, employment

rate slows ie; no more new jobs being created.

69. Which of the following provisions is/are provided under the Representation of the People Act 1951?

- 1) Allocation of seats in the Parliament
- 2) Delimitation of constituencies
- 3) Registration of political parties

Select the correct answer using the code given below.

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

Explanation:

Allocation of seats in Parliament is mentioned in the Constitution while Delimitation of Constituencies is provided under Delimitation Act

70. We always see the same-face of the Moon, because

- (a) It is smaller than the Earth



(b) It revolves on its axis in a direction opposite to that of the earth

(c) It takes equal time for revolution around the earth and rotation on its own axis

(d) It rotates at the same speed as the Earth around the sun

Explanation:

The amount of time it takes the moon to complete a revolution on its axis is the same it takes to circle our planet i.e about 27 days. As a result, the same lunar hemisphere always faces Earth.

71. Which of the following statement/s is/are correct?

- 1) The National Register of Citizens (NRC) is a register containing names of all genuine Indian citizens residing in Assam. The register was first prepared after the 1951, Census of India. [
- 2) The Census Commissioner for 1901 was H. H. Risley. He was appointed in 1899 and was influenced by his predecessor Baines.

3) Yeatts was appointed as Commissioner for the 1951 Census of India but died in 1948 and was replaced by R. A. Gopaldaswami.

Choose the correct code:

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

Explanation:

The National Register of Citizens (NRC) contains names of Indian citizens of **Assam**. The NRC was prepared in 1951, after the Census of **1951**. It is updated periodically. However, in Assam the updation could not be carried on since 1951 due to various political tensions such as Assam Movement of 1980s, the language movement and other ethnic movements.

Other points are Self-Explanatory.

News: Assam NRC Draft/ The Hindu/ August 2018



72. Which of the following statements is/are correct with respect to Bardoli Satyagraha?

- 1) The main reason for protest was use of force and oppression by Zamindars.
- 2) Mahatma Gandhi was called to lead the movement.

Select the correct code

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

Explanation:

The Bardoli movement sparked off in January 1926 when the authorities decided to increase the land revenue by 30 per cent . The Congress leaders were quick to protest and a Bardoli Inquiry Committee was set up to go into the issue.

The committee found the revenue hike to be unjustified. In February 1926, Vallabhbhai Patel was called to lead the movement . Under Patel, the Bardoli peasants resolved to refuse payments of

the revised assessment until the Government appointed an independent tribunal or accepted the current amount as full payment. By August 1928, massive tension had built up in the area. There were prospects of a railway strike in Bombay. Gandhi reached Bardoli to stand by in case of any emergency. The Government was looking for a graceful withdrawal now. It set the condition that first the enhanced rent be, paid by all the occupants (not actually done). Then, a committee went into the whole affair and found the revenue hike to be unjustified and recommended a rise of 6.03 per cent only.

73. Consider the following statements with reference to paid news:

- 1) It is an electoral offence which leads to disqualification of concerned MLA or MP.
- 2) Press Council of India is responsible for checking and reporting Paid News.

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

Explanation:

Paid news is not an electoral offence yet. Hence, statement 1 is not correct. It misleads the public and hampers the ability of people to form correct opinions. It also causes undue influence on voters and thus affects their Right to Information. The Election Commission has appointed a Media Certification & Monitoring Committee (MCMC) at District and State level for checking Paid News. Hence, statement 2 is not correct.

74. The term 'Fugitive Economic Offender' frequently seen in news, refers to:

(a) A person fleeing the country to avoid criminal prosecution for defaulting loans to banks.

(b) A person transferring goods illegally from one state to other to avoid tax.

(c) A citizen of India against whom economic sanctions are imposed by other nation.

(d) A person found guilty of tax evasion.

Explanation:

A Fugitive Economic Offender is a person who has an arrest warrant issued in respect of a scheduled offence and who leaves or has left India so as to avoid criminal prosecution, or refuses to return to India to face criminal prosecution.

75. Consider the following statements regarding Quit India Movement

1) It spread as a spontaneous movement

2) Muslim League participated in it

3) It witnessed the protest of Indian members in the Viceroy's Executive Council

Select the correct statements from the codes given below

(a) 1 and 2 only

(b) 2 and 3 only

(c) 1 and 3 only

(d) None of the above



76. Identify the crop from the details given below

(c) 2 & 3 only

(d) 1 & 4 only

- 1) It is a tropical as well as subtropical crop
- 2) It grows well in hot and humid climate with temperature ranging 21 C to 27 C
- 3) It requires an annual rainfall of 75 to 100 cm
- 4) It can be grown on a variety of soils

The crop is

- (a) Rice
- (b) Groundnut
- (c) Sugarcane**
- (d) Rubber

77. Which of the following is/are not part of capital receipts?

- 1) Aid from World Bank.
- 2) Dividend from ONGC
- 3) Disinvestment in IOCL.
- 4) Loans from International Monetary fund.

- (a) 1 & 2 only**
- (b) 3 & 4 only

Explanation:

The main items of capital receipts are

- loans raised by the government from the public which are called market borrowings
- borrowing by the government from the Reserve Bank and commercial banks and other financial institutions through the sale of treasury bills
- loans received from foreign governments and international organisations
- recoveries of loans granted by the central government
- Other items include small savings (Post-Office Savings Accounts, National Savings Certificates, etc), provident funds and net receipts obtained from the sale of shares in Public Sector Undertakings (PSUs)

78. Consider the following statements



- 1) The Peninsular plateau consists one of the ancient land masses on the earth's surface
- 2) The Himalayas and the Northern plains are the most recent landforms
- 3) The Peninsular plateau and the Himalayas are among the most stable land blocks.

Which of the above statement is/are true?

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

Explanation:

Peninsular plateau is one of the stable blocks on the earth's surface whereas the Himalayas are one of the most unstable block.

79. "These structures were largely built on a simple square or rectangular plan and were meant to provide temporary accommodation to Indian and foreign travellers, pilgrims, Merchants and traders." Identify the structure developed

during the medieval times under Mughal rule.

- (a) Minars
- (b) Diwan i Khas
- (c) **Sarais**
- (d) Forts

Explanation:

A sarai was a roadside inn where travelers (caravaners) could rest and recover from the day's journey.

80. ICAR has recently warns about Fall Army Worm (FAW). It is very deadly to which of the following crop?

- (a) Wheat
- (b) Sugarcane
- (c) Cotton
- (d) **Maize**

Explanation:

The fall armyworm (FAW) *Spodoptera frugiperda* is native to tropical and subtropical regions of the Americas. In 2016, it was reported for the first time from the African continent and has subsequently



spread to more than 30 African countries where it causes significant damage to maize crop and has great potential for further spread and economic damage. In 2018, FAW was reported on maize from the Indian subcontinent in Hassan, Chikkaballapur, Davanagere, Shivamogga and Chitradurga districts of Karnataka. The pest has also been reported mainly on maize in Maharashtra, Tamil Nadu, Andhra Pradesh and Telangana

Fall Army worm is known to attack maize as a defoliator in the young stage and as a cob borer in the mature stage. In sugarcane, however, it has appeared on the young crop, as was observed in the farms inspected in Erode and Karur districts in November 2018

81. Identify the correctly matched pair

Type of shikara Shape

- 1) Rekha-prasada -- square at the base and whose walls curve or slope inward
- 2) Phamsana-- roofs do not curve inward, but slope upwards on a straight incline.
- 3) Valabhi—rectangular buildings with a roof that rises into a vaulted chamber

Select the code

- (a) 1 and 2 only
- (b) 2 and 3 only
- (c) 1 and 3 only
- (d) All the above**

82. Consider the following

- 1) The Pacific Ring of Fire begins from Erebus Mountain of Antarctica upto Alaska and turns towards eastern Asiatic coast
- 2) The famous volcanoes such as Stromboli and Visuvius lies in the Mid Atlantic belt of volcanoes

Which of the above statement is/are true?

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

Explanation:

Stromboli and Visuvius lies in Mid Continental belt of volcanoes

83. Consider the following



- 1) The caves of Bhimbetka has a great variety of paintings only of sacred and royal images.
- 2) Early human beings chose to paint on the ceilings of the rock shelters so that people will be able to notice them from a distance.

Which of the above statement is/are true?

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

Explanation:

The caves of Bhimbetka has a great variety of paintings ranging from mundane events of daily life in those times to sacred and royal images. These include hunting, dancing, music, horse and elephant riders, animal fighting, honey collection, decoration of bodies, and other household scenes.

84. With reference to the 'Economic Advisory Council to Prime Minister (EAC-PM)', sometimes seen in the news, consider the following statements:

- 1) It is a constitutional body constituted to give economic advice to the Government of India.
- 2) With the resignation of the Prime Minister the EAC-PM also needs to resign.
- 3) The Economic Survey which is presented every year in the Parliament is prepared by the EAC-PM.

Which of the statements given above is/are correct?

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

Explanation:

Economic Advisory Council to the Prime Minister is a non-constitutional, non-permanent and independent body constituted to give economic advice to the Prime Minister. The Council serves to highlight key economic issues facing the country to the Government of India from a neutral viewpoint. It advises the Prime



Minister on a whole host of economic issues like inflation, microfinance, industrial output, etc. Since the term of the EAC-PM is parallel to that of the Prime Minister, hence with the resignation of the Prime Minister the EAC-PM also needs to resign. The Economic Survey is prepared by the Economic Division of the Department of Economic Affairs in the Finance Ministry under the overall guidance of the Chief Economic Adviser.

85. Which of the following belongs to block mountains?

- 1) Black forest Mountains
- 2) Salt range of Pakistan
- 3) Sierra Nevada of California
- 4) Atlas Mountain

Select the code:

- (a) 1 and 2 only
- (b) 2, 3 and 4 only
- (c) 1, 2 and 3 only**
- (d) All the above

Explanation:

Atlas Mountain belongs Fold Mountains type.

86. Consider the following statements about Magadhas:

- 1) The famous physician Jeevika was in the court of Ajatshatru.
- 2) The two military devices Mahaisilantaka and Rathmusala were invented by Bimbisara of shishunaga dynasty.
- 3) The 1st Buddhist council was conducted by Ajatshatru at Rajagriha

Select the correct answer using the code below:

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

Explanation:

The statements 1 & 2 are wrong. The famous physician was in the court of Bimbisara and not Ajatshatru. The military devices were invented by Ajatshatru. Statement 3 is correct.

87. Which of the following is the chief reason for tropical cyclones not developing close to the equator?



- (a) **A very weak coriolis effect does not favour circular motion of winds**
- (b) High temperature near equator is unfavourable to their development
- (c) Wind velocity in the doldrums belt near equator is very low
- (d) High humidity of these regions is a hindrance in their development

Explanation:

Tropical cyclones are not formed in 5 degree N-S area near equator due to absence of Coriolis Force.

Coriolis force is responsible for the formation of a wind system over oceans as trade winds get deflected due to this force in both the hemisphere. Winds in Northern Hemisphere and Southern Hemisphere are deflected to their right and left respectively, due to the Coriolis force. This Coriolis force only results in anti-clockwise movement of cyclones in Northern Hemisphere and clockwise movement of cyclones in Southern Hemisphere.

88. Consider the following statements regarding Government of India Act of 1919.

- 1) Dyarchy was introduced
- 2) For the first time, direct election was introduced in this act.
- 3) It extended the principle of communal representation by providing separate electorates for Sikhs, Indian Christians, Anglo-Indians, Europeans and Depressed class.

Select the correct statements using the code below

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

Explanation:

The Act extended the principle of communal representation by providing separate electorates for Sikhs, Indian Christians, Anglo-Indians and Europeans and not for Depressed Classes.

89. Consider the following statements:



- 1) Australia has the world's largest artesian basin.
- 2) Australia produces nearly one-fourth of the wool production of the world.
- 3) Broken Hill has good reserves of Diamond deposits.

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

Explanation:

Broken Hill is the world's richest and largest zinc-lead ore deposits. Kimberley Plateau of Australia is known for Diamond deposits

90. Which of the following cities are on the western side of IST longitude?

- 1) Lucknow.
- 2) Patna
- 3) Raipur
- 4) Ranchi
- 5) Varanasi

Choose the correct code:

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

91. Why did the Home Rule League fade-out by 1919?

- 1) Communal riots witnessed in 1917-18
- 2) Montagu's statement of Aug 1917 which held self-government as the long-term goal of the British rule in India.
- 3) Talk of passive resistance by the Extremists
- 4) The movement was rendered leaderless.

Select the correct code from the options given below:

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

Explanation:



Reason's for failure of Home Rule League

(i) There was a lack of effective organisation.

(ii) Communal riots were witnessed during 1917-18.

(iii) The Moderates who had joined the Congress after Besant's arrest were pacified by talk of reforms (contained in Montagu's statement of August 1917 which held self-government as the long-term goal of the British rule in India) and Besant's release.

(iv) Talk of passive resistance by the Extremists kept the Moderates off from activity from September 1918 onwards.

(v) Montagu-Chelmsford reforms which became known in July 1918 further divided the nationalist ranks.

(vi) Tilak had to go abroad (September 1918) in connection with a case while Annie Besant vacillated over her response to the reforms and the techniques of passive resistance. With Besant unable to give a positive lead and Tilak away in England, the movement was left leaderless.

92. Which of the statements regarding newly launched "Website accessibility project" is correct?

- (a) It aims to provide eaSY access to websites of state government /UT for the disabled
- (b) It has been launched under the sugamya bharath abhiyan
- (c) It was initiated by the Ministry of social justice and empowerment
- (d) All the statements are correct**

93. Consider the following

- 1) He is the first sultan ruler to impose irrigation tax
- 2) A new department called Diwan-i-Khairat was created to care of orphans and widows
- 3) He revived the Iqtadari System and made it hereditary.

Which of the following ruler is attributed to the above reforms/Measures?

- (a) Ibrahim Lodhi
- (b) Mohammed bin Tughlaq
- (c) Firoz shah Tughlaq**
- (d) Iltutmish



Explanation: Firoz Shah Tughlaq

- . He established an office for poor and deprived individuals called Diwan-i-Khairat
- He established a department of slave known as Diwan-i-Bundagan
- He declared the Iqtadari framework hereditary.
- He constructed waterways across his territory
- He was the one who started Imposition of Jaziya on the Brahmans.
- He established several hospitals portrayed differently as Darul-Shifa, Bimaristan or Shifa Khana, in Delhi.

94. Consider the following statements:

- 1) Ozonation of water inactivates viruses in a matter of seconds.
- 2) Ozone has residual effect over the germs, whereas chlorination has no residual effect over the germs.
- 3) Combined treatment of water with ozone and chlorine effectively sterilize the water.

Select the correct code

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

Explanation:

Chlorine treatment has some residual effects. Among the most noticeable is an unpleasant taste in treated water. Because ozone is pure oxygen it produces no residual tastes or odour in water.

95. Consider the following

- 1) The famous Aihole inscription belongs to Pulekesin
- 2) The tripartite struggle was between Palas, Rashtrakutas and Satavahanas.

Select the incorrect statement from the code below

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



Explanation:

The tripartite struggle was between Palas, Pratiharas and Rashtrakutas.

96. Which one of the following is incorrect about Hydroponics?

- (a) It is the commercial method of growing plants without using soil.
- (b) In Hydroponic culture more water is needed as compared to soil culture.**
- (c) Clean roots and leaves are obtained through Hydroponics.
- (d) Diseases may spread more rapidly in Hydroponic culture as compared to soil culture.

Explanation:

Hydroponics, is a method of growing plants in a water based, nutrient rich solution. Hydroponics does not use soil, instead the root system is supported using an inert medium such as perlite, rockwool, clay pellets, peat moss, or vermiculite. The basic premise behind hydroponics is to allow the plants roots to come in direct contact with the

nutrient solution, while also having access to oxygen, which is essential for proper growth.

97. Which of the statement/s is/are incorrect about Anti-Defection in India?

- (a) The provision for Anti-Defection was added in the Schedule X of Constitution through 52nd Amendment Act.
- (b) Two-Third proportion of the members of a party have to be in favour of a —merger for it to have validity in the eyes of the law.
- (c) A member can be disqualified when complaint is filed against him by other member.
- (d) A member can be disqualified Suo Moto complaint by the Speaker of the House.**

Explanation:

The Tenth Schedule (Anti Defection law) was inserted in the Constitution in 1985. It lays down the process by which legislators may be disqualified on grounds of defection by the Presiding Officer of a legislature based on a



petition by any other member of the House.

98. Which one of the following statements is incorrect with reference to Pasteurization?

- (a) It is a technique of preservation by sterilization of fluid foods only.
- (b) This technique helps to destroy micro organisms, such as molds, yeasts, bacteria and viruses present in the food.
- (c) The food is heated to temperatures slightly above the boiling point of water and then suddenly cooled to chilling temperatures**
- (d) Pastuerization is also used for preserving wines, beers and fruit juices

Explanation:

The food is generally heated at a lower temperature than the boiling point of water.

99. Consider the following

- 1) The zone between 105° and 145° from the epicentre was identified as the shadow zone of P and S-waves
- 2) The shadow zone of P-waves is larger in extent and covers a little over 40 percent of the earth's surface

Which of the above statement is/are true?

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

Explanation:

The Shadow zone for 'P' waves is an area that corresponds to an angle between 103° and 142° . The shadow zone of 'S' waves extends almost halfway around the globe from the earthquake's focus. The shadow zone for 'S' waves is an area that corresponds to an angle between 103° and 180° .

100. Consider the following

- 1) The oceanic crust are much younger than the continental rocks



- 2) The oceanic trenches have deep seated earthquake occurrences while in the mid oceanic ridges, the quake foci have shallow depths

Which of the above statement is/are true?

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

Explanation:

In General the foci of the earthquake in the areas of mid-oceanic ridges are at shallow depths whereas along the Alphine-Himalayan belt as well as the rim of the pacific(trenches), the earthequakes are deep-seated ones.