

1. “Rapid Financing Instrument” and “Rapid Credit Facility” are related to the provisions of lending by which one of the following?

- (a) Asian Development Bank
 (b) International Monetary Fund
 (c) United Nations Environment Programme Finance Initiative
 (d) World Bank

Ans (b) Exp:

The Rapid Financing Instrument (RFI) provides rapid financial assistance, which is available to all member countries facing an urgent balance of payments need. The RFI was created as part of a broader reform to make the IMF's financial support more flexible to address the diverse needs of member countries.

The Rapid Credit Facility (RCF) provides rapid concessional financial assistance to low-income countries (LICs) facing an urgent balance of payments (BoP)

2. With reference to the Indian economy, consider the following statements:

1. An increase in Nominal Effective Exchange Rate (NEER) indicates the appreciation of rupee.
 2. An increase in the Real Effective Exchange Rate (REER) indicates an improvement in trade competitiveness.
 3. An increasing trend in domestic inflation relative to inflation in other countries is likely to cause an increasing divergence between NEER and REER.

Which of the above statements are correct?

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

Ans (c) Exp:

NEER is a measure of the value of a currency against a weighted average of several foreign currencies. An increase in NEER indicates an appreciation of the local currency against the weighted basket of currencies.

Statement 1 is correct

An increase in REER means exports are costly, loss of trade competition

Statement 2 is incorrect

3. With reference to the Indian economy, consider the following statements:

1. If the inflation is too high, Reserve Bank of India (RBI) is likely to buy government securities.
 2. If the rupee is rapidly depreciating, RBI is likely to sell dollars in the market.
 3. If interest rates in the USA or European Union were to fall, that is likely to induce RBI to buy dollars.

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

Ans (b) Exp:

Buying government securities will increase the cash supply

So statement 2 is incorrect

Therefore b is the answer

4. With reference to the “G20 Common Framework”, consider the following statements :

1. It is an initiative endorsed by the G20 together with the Paris Club.
2. It is an initiative to support Low Income Countries with unsustainable debt.

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

Ans (c) Exp:

The Common Framework for debt treatment beyond the DSSI (Common Framework) is an initiative endorsed by the G20, together with the Paris Club, to support in a structural manner, Low Income Countries with unsustainable debt.

5. With reference to the Indian economy, what are the advantages of "Inflation-Indexed Bonds (IIBs)"?

1. Government can reduce the coupon rates on its borrowing by way of IIBs.
2. IIBS provide protection to the investors from uncertainty regarding inflation.
3. The interest received as well as capital gains on IIBs are not taxable.

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

Ans (a) Exp:

Extant tax provisions will be applicable on interest payment and capital gains on IIBs.

Statement 3 is incorrect

Therefore a is the answer

6. With reference to foreign-owned e-commerce firms operating in India, which of the following statements is/are correct?

1. They can sell their own goods in addition to offering their platforms as market-places.
2. The degree to which they can own big sellers on their platforms is limited.

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

Ans (b) Exp:

E-commerce companies running marketplace platforms — such as Amazon and Flipkart cannot sell products through companies, and of companies, in which they hold equity stake.

Statement 1 is incorrect

Big sellers have a limit of 20% for sale

Statement 2 is correct

7. Which of the following activities constitute real sector in the economy?

1. Farmers harvesting their crops
2. Textile mills converting raw cotton into fabrics

3. A commercial bank lending money to a trading company

4. A corporate body issuing Rupee Denominated Bonds overseas

Select the correct answer using the code given below:

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

Ans (a) Exp:

The real sector of the economy consists of enterprises (nonfinancial corporations), households and nonprofit institutions serving households.

8. Which one of the following situations best reflects "Indirect Transfers" often talked about in media recently with reference to India?

- (a) An Indian company investing in a foreign enterprise and paying taxes to the foreign country on the profits arising out of its investment
- (b) A foreign company investing in India and paying taxes to the country of its base on the profits arising out of its investment
- (c) An Indian company purchases tangible assets in a foreign country and sells such assets after their value increases and transfers the proceeds to India
- (d) A foreign company transfers shares and such shares derive their substantial value from assets located in India.

Ans (d) Exp:

Indirect transfers refer to situations where when foreign entities own shares or assets in India, the shares of such foreign entities are transferred instead of a direct transfer of the underlying assets in India.

9. With reference to the expenditure by an organization or a company, which of the following statements is/are correct?

- 1. acquiring new technology is capital expenditure.
- 2. debt financing is considered capital expenditure, while equity financing is considered revenue expenditure.

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

Ans (a) Exp:

Capital Expenditure are one-time large purchases of fixed assets that will be used for revenue generation over a longer period. New technology is therefore capital expenditure.

Debt financing is revenue

Equity financing is capital expenditure

10. With reference to the Indian economy consider the following statements:

- 1. A share of the household financial savings goes towards government borrowings.

2. Dated securities issued at market-related rates in auctions form a large components of internal debt.

Which of the above statements is/are correct?

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

Ans (c) Exp:

It goes to public accounts of India statement 1 is correct

Date securities means government bonds whereas T bills are considered separately

11. Consider the following statements:

1. Pursuant to the report of H.N.Sanyal Committee, the Contempt of Courts Act, 1917 was passed.
2. The Constitution of India empowers the Supreme Court and the High Courts to punish for contempt of themselves.
3. The Constitution of India defines Civil Contempt and Criminal Contempt.
4. In India, the Parliament is vested with the powers to make laws on Contempt of Court.

Which of the statements given above is/are correct?

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

Ans (b) Exp:

1961, a committee headed by H.N. Sanyal, an Additional Solicitor General for the Government of India

Statement 1 is correct

Article 129 and 215 empowers SC and HC to punish for contempt of court

Statement 2 is correct

Constitution does not define

So statement 3 is incorrect

12. With reference to India, consider the following statements:

1. Government law officers and legal firms are recognised as advocates, but corporate lawyer and patent attorneys are excluded from recognition as advocates.
2. Bar Councils have the power to lay down the rules relating to legal education and recognition of law colleges.

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

Ans (b) Exp:

A patent attorney is an advocate. patent attorney must be registered with the Bar Council of India as an advocate.

Statement 1 is incorrect

The Bar Council of India visits and inspects Universities/Law colleges in the country and lays down standards in consultation with the Universities in India and the State Bar Councils.

Statement 2 is correct

13. Consider the following statements:

1. A bill amending the Constitution requires a prior recommendation of the President of India.
2. When a Constitution Amendment Bill is presented to the President of India, it is obligatory for the President of India to give his/her assent.
3. A Constitution Amendment Bill must be passed by both the Lok Sabha and the Rajya Sabha by a special majority and there is no provision for joint sitting.

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

Ans (b) Exp:

It doesn't require president recommendation.

Bill like state bifurcation need president recommendation not constitution amendment bill

Statement 1 is incorrect

14. Consider the following statements:

1. The Constitution of India classification the ministers into four ranks viz. Cabinet Minister, Minister of State with Independent Charge, Minister of State and Deputy Minister.
2. The total number of ministers in the Union Government, including the Prime Minister, shall not exceed 15 percent of

the total number of members in the Lok Sabha.

Which of the statements given above is/are correct?

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

Ans (b) Exp:

Constitution does not define.

Statement 1 is incorrect

Statement 2 is correct. 15 percent is maximum limit

15. Which of the following is/are the exclusive power(s) of Lok Sabha?

1. To ratify the declaration of Emergency
2. To pass a motion of no-confidence against the Council of Ministers
3. To impeach the President of India

Select the correct answer using the code given below:

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

Ans (b) Exp:

Article 75 of the Constitution says that the council of ministers shall be collectively responsible to the Lok Sabha. It means that the ministry stays in office so long as it enjoys confidence of the majority of the members of the Lok Sabha. In other words, the Lok Sabha can remove the ministry from office by passing a noconfidence motion.

1 and 3 are not exclusive powers

16. With reference to anti-defection law in India, consider the following statements:

1. The law specifies that a nominated legislator cannot join any political party within six months of being appointed to the House.
2. The law does not provide any time-frame within which the presiding officer has to decide a defection case.

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

Ans (b) Exp:

They can join within 6 months

Statement 1 is incorrect

There is no time frame so statement 2 is correct

17. Consider the following statements:

1. Attorney General of India and Solicitor General of India are the only officers of the Government who are allowed to participate in the meetings of the Parliament of India.
2. According to the Constitution of India, the Attorney General of India submits his resignation when the Government which appointed him resigns.

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.

Ans (d) Exp:

Solicitor General do not participate in the meetings of Parliament.

Statement 1 is incorrect

Constitution does not mention such resignation

Statement 2 is incorrect

18. With reference to the writs issued by the Courts in India, consider the following statements :

1. Mandamus will not lie against a private organisation unless it is entrusted with a public duty.
2. Mandamus will not lie against a Company even though it may be a Government Company.
3. Any public minded person can be a petitioner to move the Court to obtain the writ of Quo Warranto.

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

Ans (c) Exp:

It literally means 'we command'. It is a command issued by the court to a public official asking him to perform his official duties that he has failed or refused to perform. It can also be issued against any public body, a corporation, an inferior court, a tribunal or government for the same purpose.

Statement 2 is incorrect

19. With reference to Ayushman Bharat Digital Mission, consider the following statements:

1. Private and public hospitals must adopt it.
2. As it aims to achieve universal health coverage, every citizen of India should be part of it ultimately.
3. It has seamless portability across the country.

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

Ans (c) Exp:

Statement 1 is incorrect. It is voluntary.

20. With reference to Deputy Speaker of Lok Sabha, consider the following statements :

1. As per the Rules of Procedure and Conduct of Business in Lok Sabha, the election of Deputy Speaker shall be held on such date as the Speaker may fix.
2. There is a mandatory provision that the election of a candidate as Deputy Speaker of Lok Sabha shall be from either the principal opposition party or the ruling party.
3. The Deputy Speaker has the same power as of the Speaker when presiding over the sitting of the House and no appeal lies against his rulings.
4. The well established parliamentary practice regarding the appointment of Deputy Speaker is that the motion is moved by the Speaker and duly seconded by the Prime minister.

Which of the statements given above are correct?

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

Ans (a) Exp:

Statement 2 is incorrect. There is a consensus from 11th lok sabha for deputy speaker from opposition

Statement 1 is correct. It is fixed by speaker

21. Among the following crops, which one is the most important anthropogenic source of both methane and nitrous oxide?

- (a) Cotton
- (b) Rice
- (c) Sugarcane
- (d) Wheat

Ans (b) Exp:

CH₄ and N₂O gases are simultaneously emitted from rice fields to the atmosphere

22. "System of Rice Intensification" of cultivation, in which alternate wetting and drying of rice fields is practised, results in:

1. Reduced seed requirement
2. Reduced methane production
3. Reduced electricity consumption

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

Ans (d) Exp:

All are correct

23. Which one of the following lakes of West Africa has become dry and turned into a desert?

- (a) Lake Victoria
- (b) Lake Faguibine
- (c) Lake Oguta
- (d) Lake Volta

Ans (b) Exp:

Since the Sahel drought of the 1970s and 1980s the lake Faguibine has been mostly dry.

24. Gandikota canyon of South India was created by which one of the following rivers?

- (a) Cauvery
- (b) Manjira
- (c) Pennar
- (d) Tungabhadra

Ans (c) Exp:

Gandikota is known for the stunning gorge has been created by the waters of the famous river Pennar that streams from the Erramala hills.

25. Consider the following pairs:

| | |
|------|-----------|
| Peak | Mountains |
|------|-----------|

- 1. Namcha Barwa - Garhwal Himalaya
- 2. Nanda Devi - Kumaon Himalaya.
- 3. Nokrek - Sikkim Himalaya

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

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

Ans (b) Exp:

Namcha barwa - Tibet

Nokrek - garo hills

26. The term "Levant" often heard in the news roughly corresponds to which of the following regions?

- (a) Region along the eastern Mediterranean shores.
- (b) Region along North African shores stretching from Egypt to Morocco
- (c) Region along Persian Gulf and Horn of Africa
- (d) The entire coastal areas of Mediterranean Sea.

Ans (a) Exp:

The Levant is an approximate geographical term referring to a large area in the Eastern Mediterranean region of Western Asia

27. Consider the following countries:

- 1. Azerbaijan
- 2. Kyrgyzstan
- 3. Tajikistan
- 4. Turkmenistan
- 5. Uzbekistan

Which of the above have borders with Afghanistan?

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

Ans (c) Exp:



28. With reference to India, consider the following statements :

1. Monazite is a source of rare earths.
2. Monazite contains thorium.
3. Monazite occurs naturally in the entire Indian coastal sands in India.
4. In India, Government bodies only can process or export monazite.

Which of the statements given above are correct?

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

Ans (b) Exp:

Not entire coast sands so statement 3 is incorrect.

29. In the northern hemisphere, the longest day of the year normally occurs in the:

- (a) First half of the month of June
- (b) Second half of the month of June
- (c) First half of the month of July
- (d) Second half of the month of July

Ans (b) Exp:

Longest day in northern hemisphere is June 21

30. Consider the following pairs :

| Wetland/Lake | Location |
|----------------------|--------------------|
| 1. Hokera Wetland | - Punjab |
| 2. Renuka Wetland | - Himachal Pradesh |
| 3. Rudrasagar Lake | - Tripura |
| 4. Sasthamkotta Lake | - Tamil Nadu |

How many pairs given above are correctly matched?

- (a) Only one pair
- (b) Only two pairs
- (c) Only three pairs
- (d) All four pairs

Ans (b) Exp:

Hokera - Jammu and Kashmir
 Sasthamakotta - kerala

31. Consider the following ::

1. Aarogya Setu
2. CoWIN
3. DigiLocker
4. DIKSHA

Which of the above are built on top of open-source digital platforms?

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

Ans (d) Exp:

Open source projects are publicly available and accessible, promoting collaborative

participation, transparency, meritocracy, and community-oriented development.

All are open source platforms

32. With reference to Web 3-0, consider the following statements :

1. Web 3-0 technology enables people to control their own data.
2. In Web 3-0 world, there can be blockchain based social networks. .
3. Web 3.0 is operated by users collectively rather than a corporation.

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

Ans (d) Exp:

Web3 (also known as Web 3.0) is an idea for a new iteration of the World Wide Web based on blockchain technology, which incorporates concepts such as decentralization and token-based economics.

Since it is blockchain it is operated by users and enables them to control their own data

33. With reference to “Software as a Service (SaaS)”, consider the following statements:

1. SaaS buyers can customise the user interface and can change data fields.
2. SaaS users can access their data through their mobile devices.
3. Outlook, Hotmail and Yahoo! Mail are forms of SaaS.

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

Ans (d) Exp:

Software as a service is a software licensing and delivery model in which software is licensed on a subscription basis and is centrally hosted.

SaaS is also known as "on-demand software"

It is flexible enough to be modified for specific business uses but also individual users.

Outlook, Hotmail are form SaaS

All are correct

34. Which one of the following statements best reflects the idea behind the “Fractional Orbital Bombardment System” often talked about in media?

- (a) A hypersonic missile is launched into space to counter the asteroid approaching the Earth and explode it in space.
- (b) A spacecraft lands on another planet after making several orbital motions.
- (c) A missile is put into a stable orbit around the Earth and deorbits over a target on the Earth.
- (d) A spacecraft moves along a comet with the same speed and places a probe on its surface.

Ans (c) Exp:

Fractional Orbital Bombardment System (FOBS) is a warhead delivery system that uses a low earth orbit towards its target destination. Just before reaching the target, it deorbits through a retrograde engine burn.

35. Which one of the following is the context in which the term “qubit” is mentioned?
- Cloud Services
 - Quantum Computing
 - Visible Light Communication Technologies
 - Wireless Communication Technologies

Ans (b) Exp:

Qubit is a two-state (or two level) quantum mechanical system

36. Consider the following communication technologies :
- Closed-circuit Television
 - Radio Frequency Identification
 - Wireless Local Area Network

Which of the above are considered Short-Range devices/technologies?

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

Ans (d) Exp:

All are short range devices

37. Consider the following statements :

- Biofilms can form on medical implants within human tissues.
- Biofilms can form on food and food processing surfaces.
- Biofilms can exhibit antibiotic resistance.

Which of the statements given above are correct?

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

Ans (d) Exp:

Biofilm is an assemblage of surface-associated microbial cells that is enclosed in an extracellular polymeric substance matrix.

Biofilms may form on a variety of surfaces, including living tissues, indwelling medical devices, and food, industrial or potable water system.

Organism in biofilm can exhibit antibiotic resistance

38. Consider the following statements in respect of probiotics :

- Probiotics are made of both bacteria and yeast.
- The organisms in probiotics are found in foods we ingest but they do not naturally occur in our gut.
- Probiotics help in the digestion of milk sugars.

Which of the statements given above is/are correct?

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

Ans (c) Exp:

Probiotic organism are naturally found in gut.

So statement 2 is incorrect

Statement 3 is correct

39. In the context of vaccines manufactured to prevent COVID-19 pandemic, consider the following statements :

1. The Serum Institute of India produced COVID-19 vaccine named Covishield using mRNA platform.
2. Sputnik V vaccine is manufactured using vector based platform.
3. COVAXIN is an inactivated pathogen based vaccine.

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

Ans (b) Exp:

Covishield is viral vector based

40. If a major solar storm (solar-flare) reaches the Earth, which of the following are the possible effects on the Earth?

1. GPS and navigation systems could fail.
2. Tsunamis could occur at equatorial regions.
3. Power grids could be damaged.

4. Intense auroras could occur over much of the Earth.

5. Forest fires could take place over much of the planet.

6. Orbits of the satellites could be disturbed.

7. Shortwave radio communication of the aircraft flying over polar regions could be interrupted.

Select the correct answer using the code given below:

- (a) 1, 2, 4 and 5 only
- (b) 2, 3, 5, 6 and 7 only
- (c) 1, 3, 4, 6 and 7 only
- (d) 1, 2, 3, 4, 5, 6 and 7

Ans (c) Exp:

Tsunami is caused by earthquake.

So statement 2 is incorrect

41. "Climate Action Tracker" which monitors the emission reduction pledges of different countries is a:

- (a) Database created by coalition of research organisations
- (b) Wing of "International Panel of Climate Change"
- (c) Committee under "United Nations Framework Convention on Climate Change"
- (d) Agency promoted and financed by United Nations, Environment Programme and World Bank.

Ans (a) Exp:

The Climate Action Tracker (CAT) is an independent scientific analysis produced by two research organisations tracking climate

action since 2009. They track progress towards the globally agreed aim of holding warming well below 2°C, and pursuing efforts to limit warming to 1.5°C.

42. Consider the following statements :

1. "The Climate Group" is an international non-profit organization that drives climate action by building large networks and runs them.
2. The International Energy Agency in partnership with the Climate Group launched a global initiative "EP100".
3. EP100 brings together leading committed to companies driving innovation in energy efficiency and increasing competitiveness while delivering on emission reduction goals.
4. Some Indian companies are members of EP100.
5. The International Energy Agency is the Secretariat to the "Under2 Coalition".

Which of the statements given above are correct?

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

Ans (b) Exp:

EP100 is a global initiative led by the international non-profit Climate Group, bringing together over 120 energy smart businesses committed to measuring and reporting on energy efficiency improvements.

IEA is not a partner so statement 2 is incorrect

43. "If rainforests and tropical forests are the lungs of the Earth, then surely wetlands function as its kidneys." Which one of the following functions of wetlands best reflects the above statement?

- (a) The water cycle in wetlands involves surface runoff, subsoil percolation and evaporation.
- (b) Algae form the nutrient base upon which fish, crustaceans, molluscs, birds, reptiles and mammals thrive.
- (c) Wetlands play a vital role in maintaining sedimentation balance and soil stabilization.
- (d) Aquatic plants absorb heavy metals and excess nutrients.

Ans (d) Exp:

Kidney excretes heavy metal and poison so d is answer

44. In the context of WHO Air Quality Guidelines, consider the following statements :

1. The 24-hour mean of PM_{2.5} should not exceed 15 µg/m³ and annual mean of PM_{2.5} should not exceed 5 µg/m³.
2. In a year, the highest levels of ozone pollution occur during the periods of inclement weather.
3. PM10 can penetrate the lung barrier and enter the bloodstream.
4. Excessive ozone in the air can trigger asthma.

Which of the statements given above are correct?

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

Ans (b) Exp:

PM2.5 can penetrate the lung barrier and enter the blood system.

Excessive ozone can trigger asthma

Statement 1 and 4 are correct

45. With reference to “Gucchi” sometimes mentioned in the news, consider the following statements :

1. It is a fungus.
2. It grows in some Himalayan forest areas.
3. It is commercially cultivated in the Himalayan foothills of north-eastern India.

Which of the statements given above is/are correct?

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

Ans (c) Exp:

It is present in Kashmir not north east

46. With reference to polyethylene terephthalate, the use of which is so widespread in our daily lives, consider the following statements :

1. Its fibres can be blended with wool and cotton fibres to reinforce their properties.
2. Containers made of it can be used to store any alcoholic beverage.
3. Bottles made of it can be recycled into other products.
4. Articles made of it can be easily disposed of by incineration without causing greenhouse gas emissions.

Which of the statements given above are correct?

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

Ans (a) Exp:

Recyclable – PET polymer is recyclable and can be reshaped in different shapes.

Statement 3 is correct

They are often used in durable press blends with rayon, wool, cotton reinforcing the inherent properties

47. Which of the following is not a bird?

- (a) Golden Mahseer
- (b) Indian Nightjar
- (c) Spoonbill
- (d) White Ibis

Ans (a) Exp:

Golden mahseer is a fish

48. Which of the following are nitrogen-fixing plants?

1. Alfalfa
2. Amaranth
3. Chickpea
4. Clover
5. Purslane (Kulfa)
6. Spinach

Select the correct answer using the code given?

- (a) 1, 2 and 4 only
- (b) 1, 3, 5 and 6 only
- (c) 2, 4, 5 and 6 only
- (d) 1, 2, 4, 5 and 6

Ans (a) Exp:

Legumes fix nitrogen

Spinach is not a legume

Therefore a is the answer

49. "Biorock technology" is talked about in which one of the following situations?
- Restoration of damaged coral reefs.
 - Development of building materials using plant residues
 - Identification of areas for exploration/extraction of shale gas
 - Providing salt licks for wild animals in forests/protected areas.

Ans (a) Exp:

Biorock Technology', it is a method that applies safe, low voltage electrical currents through seawater, causing dissolved minerals to crystallize on structures, growing into a white limestone similar to coral reefs and tropical white sand beaches.

50. The "Miyawaki method" is well known for the:
- Promotion of commercial farming in arid and semi-arid areas.
 - Development of gardens using genetically modified flora.
 - Creation of mini forests in urban areas.
 - Harvesting wind energy on coastal areas and on sea surfaces.

Ans (c) Exp:

It includes planting trees (only native species) as close as possible in the same area which not only saves space, support each other in growth and block sunlight reaching the ground, thereby preventing the growth of weed.

51. In the Government of India Act 1919, the functions of Provincial Government were divided into "Reserved" and "Transferred" subjects. Which of the following were treated as "Reserved" subjects?

- Administration of Justice
- Local Self-Government
- Land Revenue
- Police

Select the correct answer using the code given below:

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

Ans (c) Exp:

Education, health, local government, industry, agriculture, excise, etc. are examples of transferred list

Therefore answer is c

52. In medieval India, the term "Fanam" referred to :
- Clothing
 - Coins
 - Ornaments
 - Weapons

Ans (b) Exp:

53. Consider the following freedom fighters:

- Barindra Kumar Ghosh
- Jogesh Chandra Chatterjee
- Rash Behari Bose

Who of the above was/were actively associated with the Ghadar Party?

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

Ans (d) Exp:

Key participants in the Ghadar Movement included Bhai Parmanand, Sohan Singh Bhakna, Har Dayal, Tarak Nath Das, Bhagat Singh Thind, Kartar Singh Sarabha, Barakatullah, Rashbehari Bose.

54. With reference to the proposals of Cripps Mission, consider the following statements:

1. The Constituent Assembly would have members nominated by the Provincial Assemblies as well as the Princely States.
2. Any Province, which is not prepared to accept the new Constitution would have the right to sign a separate agreement with Britain regarding its future status.

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

Ans (b) Exp:

Members of provincial assembly are elected

Statement 2 is correct

55. With reference to Indian history, consider the following texts:

1. Nettipakarana
2. Parishishtaparvan
3. Avadanashataka
4. Trishashtilakshana Mahapurana

Which of the above are Jaina texts?

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

Ans (b) Exp:

1 and 3 are Buddhist

56. With reference to Indian history, consider the following pairs:

| Historical person | Known as |
|-------------------|---------------------|
| 1. Aryadeva | - Jaina scholar |
| 2. Dignaga | - Buddhist scholar |
| 3. Nathamuni | - Vaishnava scholar |

How many pairs given above are correctly matched?

- (a) None of the pairs
- (b) Only one pair
- (c) Only two pairs
- (d) All three pairs

Ans (c) Exp:

Aryadeva - Buddhist

57. With reference to Indian history, consider the following statements :

1. The first Mongol invasion of India happened during the reign of Jalal-ud-din Khalji.
2. During the reign of Ala-ud-din Khalji, one Mongol assault marched up to Delhi and besieged the city.
3. Muhammad-bin-Tughlaq temporarily lost portions of north-west of his kingdom to Mongols.

Which of the statements given above is/are correct?

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

Ans (b) Exp:

First Mongol invasion during iltutmish

Statement 1 is incorrect

Statement 2 is correct

58. With reference to Indian history, who of the following were known as "Kulah-Daran"?

- (a) Arab merchants
- (b) Qalandars
- (c) Persian calligraphists
- (d) Sayyids

Ans (d) Exp:

59. With reference to Indian history, consider the following statements :

1. The Dutch established their factories/warehouses on the east coast on lands granted to them by Gajapati rulers.
2. Alfonso de Albuquerque captured Goa from the Bijapur Sultanate.
3. The English East India Company established a factory at Madras on a plot of land leased from a representative of the Vijayanagara empire.

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

Ans (b) Exp:

Dutch founded their first factory in Masulipatam in Andhra Pradesh in 1605.

Gajapati rulers ruled from 1434–1541

So statement 1 is incorrect

60. According to Kautilya's Arthashastra, which of the following are correct?

1. A person could be a slave as a result of a judicial punishment.
2. If a female slave bore her master a son, she was legally free.
3. If a son born to a female slave was fathered by her master, the son was entitled to the legal status of the master's son.

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

Ans (d) Exp:

When a child is begotten on a female slave by her master, both the child and its mother shall at once be recognised as free

61. Consider the following statements :

1. Tight monetary policy of US Federal Reserve could lead to capital flight.
2. Capital flight may increase the interest cost of firms with existing External Commercial Borrowings (ECBs).
3. Devaluation of domestic currency decreases the currency risk associated with ECBs.

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

Ans (a) Exp:

A depreciation of the domestic currency will lead to an increase in the value of foreign currency debts in domestic currency terms. Thus, devaluation increases the currency risk associated with ECBs

Statement 3 is incorrect

62. Consider the following States:

- 1. Andhra Pradesh
- 2. Kerala
- 3. Himachal Pradesh
- 4. Tripura

How many of the above are generally known as tea-producing States?

- (a) Only one State
- (b) Only two States
- (c) Only three States
- (d) All four States

Ans (a/d) Exp:

Assam, West Bengal, Tamil Nadu, and Kerala are the major tea producing states in India.

Andhra pradesh and Himachal pradesh produces tea. But the term tea producing states is subject to discretion

63. Consider the following statements :

- 1. In India, credit rating agencies are regulated by Reserve Bank of India.
- 2. The rating agency popularly known as ICRA is a public limited company.
- 3. Brickwork Ratings is an Indian credit rating agency.

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.

Ans (b) Exp:

Regulated by SEBI

So statement 1 is incorrect

64. With reference to the Banks Board Bureau (BBB), which of the following statements are correct?

- 1. The Governor of RBI is the Chairman of BBB.
- 2. BBB recommends for the selection of heads for Public Sector Banks.
- 3. BBB helps the Public Sector Banks in developing strategies and capital raising plans.

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

Ans (b) Exp:

Bhanu Pratap Sharma is the Chairman of the Banks Board Bureau

Statement 1 is incorrect

To recommend the selection and appointment of Board of Directors in Nationalised Banks, Financial Institutions and Public Sector Insurance Companies

To help the banks in terms of developing business strategies and capital raising plan and the like

Statement 2 and 3 are correct

65. With reference to Convertible Bonds, consider the following statements:

1. As there is an option to exchange the bond for equity, Convertible Bonds pay a lower rate of interest.
2. The option to convert to equity affords the bondholder a degree of indexation to rising consumer prices.

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

Ans (c) Exp:

Convertible bonds are corporate bonds that can be exchanged for common stock in the issuing company.

Companies issue convertible bonds to lower the coupon rate on debt and to delay dilution.

66. Consider the following:

1. Asian Infrastructure Investment Bank
2. Missile Technology Control Regime
3. Shanghai Cooperation Organisation

India is a member of which of the above?

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

Ans (d) Exp:

All the above

67. Consider the following statements:

1. Vietnam has been one of the fastest growing economies in the world in the recent years.
2. Vietnam is led by a multi-party political system.
3. Vietnam's economic growth is linked to its integration with global supply chains and focus on exports.
4. For a long time Vietnam's low labour costs and stable exchange rates have attracted global manufacturers.
5. Vietnam has the most productive e-service sector in the Indo-Pacific region.

Which of the statements given above are correct?

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

Ans (c) Exp:

Vietnam is a one party state based on democratic centralism.

Statement 2 is incorrect

Vietnam is the fast growing economy with a growth rate of 7.31% in 2019

Statement 1 is correct

68. In India, which one of the following is responsible for maintaining price stability by controlling inflation?

- (a) Department of Consumer Affairs
- (b) Expenditure Management Commission
- (c) Financial Stability and Development Council
- (d) Reserve Bank of India

Ans (d) Exp:

Through qualitative and quantitative measures

69. With reference to Non-Fungible Tokens (NFTs), consider the following statements:

1. They enable the digital representation of physical assets.
2. They are unique cryptographic tokens that exist on a blockchain.
3. They can be traded or exchanged at equivalency and therefore can be used as a medium of commercial transactions.

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

Ans (a) Exp:

A non-fungible token (NFT) is a financial security consisting of digital data stored in a blockchain, a form of distributed ledger. The ownership of an NFT is recorded in the blockchain, and can be transferred by the owner, allowing NFTs to be sold and traded.

It differs from fungible tokens like cryptocurrencies, which are identical to each other and, therefore, can serve as a medium for commercial transactions.

70. Consider the following

| Reservoirs | States |
|-----------------|------------------|
| 1. Ghataprabha | - Telangana |
| 2. Gandhi Sagar | - Madhya Pradesh |
| 3. Indira Sagar | - Andhra Pradesh |
| 4. Maithon | - Chhattisgarh |

How many pairs given above are not correctly matched?

- (a) Only one pair
- (b) Only two pairs
- (c) Only three pairs
- (d) All four pairs

Ans (c) Exp:

Ghataprabha – Karnataka

Indira Sagar – Madhya Pradesh
Maithon – Jharkhand

71. In India, which one of the following compiles information on industrial disputes, closures, retrenchments and layoffs in factories employing workers?

- (a) Central Statistics Office
- (b) Department for Promotion of Industry and Internal Trade
- (c) Labour Bureau
- (d) National Technical Manpower Information System

Ans (c) Exp:

72. In India, what is the role of the Coal Controller's Organization (CCO)?

1. CCO is the major source of Coal Statistics in Government of India.

2. It monitors progress of development of Captive Coal/Lignite blocks.
3. It hears any objection to the Government's notification relating to acquisition of coal-bearing areas.
4. It ensures that coal mining companies deliver the coal to end users in the prescribed time.

Select the correct answer using the code given below:

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

Ans (c) Exp:

Under Collection of Statistics Act, 2008 - Coal Controller has been made the statistical authority with respect to coal and lignite statistics. Entrusted the responsibility of carrying out Annual Coal & Lignite survey and publishing of Provisional Coal Statistics and Coal Directory of India.

Submission of monthly coal data to different ministries of central and state Govt., national and international organization.

Collection of Statistics relating to coal washeries.

Monitoring of Coal & Lignite blocks.

Under Coal Bearing Area (Acquisition and Development) Act, 1957-

Coal Controller is the competent authority under this act to hear any objection to the Central Government's Notification relating

to acquisition of coal bearing land and to furnish his reports to Central Govt.

So statement 1 2 and 3 are correct

73. If a particular area is brought under the Fifth Schedule of the Constitution of India, which one of the following statements best reflects the consequence of it?

- (a) This would prevent the transfer of land. of tribal people to non-tribal people.
- (b) This would create a local self-governing body in that area.
- (c) This would convert that area into a Union Territory.
- (d) The State having such areas would be declared a Special Category State.

Ans (a) Exp:

It provides extensive executive power over Scheduled areas in order to protect them from illegal transfer of their land and to insulate them from private moneylenders

74. Consider the following statements :

1. The India Sanitation Coalition is a platform to promote sustainable sanitation and is funded by the Government of India and the World Health Organization.
2. The National Institute of Urban Affairs is an apex body of the Ministry of Housing and Urban Affairs in Government of India and provides innovative solutions to address the challenges of Urban India.

Which of the statements given above is/are correct?

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

Ans (d) Exp:

The India Sanitation Coalition was launched on June 25, 2015, at FICCI, New Delhi

Statement 1 is incorrect

It is a think tank supported by MoH and UA

Statement 2 is incorrect

75. Which one of the following has been constituted under the Environment (Protection) Act, 1986?

- (a) Central Water Commission.
- (b) Central Ground Water Board
- (c) Central Ground Water Authority
- (d) National Water Development Agency

Ans (c) Exp:

Central Ground Water Authority (CGWA) was constituted under subsection (3) of Section 3 of the Environment (Protection) Act, 1986.

76. With reference to the "United Nations Credentials Committee", consider the following statements:

- 1. It is a committee set up by the UN Security Council and works under its supervision.
- 2. It traditionally meets in March, June and September every year.

3. It assesses the credentials of all UN members before submitting a report to the General Assembly for approval.

Which of the statements given above is/are correct?

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

Ans (a) Exp:

It is set up by UNGA

Statement 1 is incorrect

Credentials Committee is appointed at the beginning of each regular session of the General Assembly.

Statement 2 is incorrect

Statement 3 is correct

77. Which one of the following statements best describes the 'Polar Code'?

- (a) It is the international code of safety for ships operating in polar waters.
- (b) It is the agreement of the countries around the North Pole regarding the demarcation of their territories in the polar region.
- (c) It is a set of norms to be followed by the countries whose scientists undertake research studies in the North Pole and South Pole.
- (d) It is a trade and security agreement of the member countries of the Arctic Council.

Ans (a) Exp:

The International Code for Ships Operating in Polar Waters or Polar Code is an international regime adopted by the International Maritime Organization (IMO) in 2014

78. With reference to the United Nations General Assembly, consider the following statements :

1. The UN General Assembly can grant observer status to the non-member States.
2. Inter-governmental organisations can seek observer status in the UN General Assembly.
3. Permanent Observers in the UN General Assembly can maintain missions at the UN headquarters.

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

Ans (d) Exp:

Observer status may be granted by a United Nations General Assembly resolution.

Statement 1 is correct

The process is described in a legal opinion of 15 August 2008, in which the General Assembly decided that observer status would be confined to States and intergovernmental organizations whose activities cover matters of interest to the Assembly.

Statement 2 is correct

Permanent Observers may participate in the workings of the General Assembly and maintain missions at the UN Headquarters.

Statement 3 is correct

79. With reference to the "Tea Board" in India, consider the following statements:

1. The Tea Board is a statutory body.
2. It is a regulatory body attached to the Ministry of Agriculture and Farmers Welfare.
3. The Tea Board's Head Office is situated in Bengaluru.
4. The Board has overseas offices at Dubai and Moscow.

Which of the statements given above are correct?

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

Ans (d) Exp:

It was established by the enactment of the Tea Act in 1953

Statement 1 is correct

Its headquarters in Kolkata

Statement 3 is incorrect

80. Which one of the following best describes the term "greenwashing"?

- (a) Conveying a false impression that a company's products are eco-friendly and environmentally sound
- (b) Non-inclusion of ecological/ environmental costs in the Annual Financial Statements of a country
- (c) Ignoring the disastrous ecological consequences while undertaking infrastructure development
- (d) Making mandatory provisions for environmental costs in a government project/programme

Ans (a) Exp:

Greenwashing is the practice of making an unsubstantiated or misleading claim about the environmental benefits of a product, service, and technology or company practice.

81. Consider the following statements.

1. High clouds primarily reflect solar radiation and cool the surface of the Earth,
2. Low clouds have a high absorption of infrared radiation emanating from the Earth's surface and thus cause warming effect.

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

Ans (d) Exp:

High clouds primarily transmit solar radiation

Statement 1 is incorrect

Low thick clouds primarily reflect solar radiation

Statement 2 is incorrect

82. Consider the following statements:

1. Bidibidi is a large refugee settlement in north-western Kenya.
2. Some people who fled from South Sudan civil war live in Bidibidi.
3. Some people who fled from civil war in Somalia live in Dadaab refugee complex in Kenya.

Which of the statements given above is/are correct?

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

Ans (c) Exp:

Bidibidi Refugee Settlement is a refugee camp in north-western Uganda. With over 270,000 South Sudanese refugees fleeing the ongoing civil war, as of early 2017 it was the largest refugee settlement in the world.

Statement 1 is incorrect

Statement 2 is correct

Dadaab is a semi-arid town in Garissa County, Kenya. It is the site of a UNHCR base hosting 223,420 registered refugees and asylum seekers in three camps (Dagahaley, Hagadera and Ifo)

Statement 3 is correct

83. Consider the following countries:

1. Armenia
2. Azerbaijan
3. Croatia
4. Romania R
5. Uzbekistan

Which of the above are members of the Organization of Turkic States?

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

Ans (c) Exp:

Azerbaijan, Kazakhstan, Kyrgyzstan, Turkey and Uzbekistan are the members of organisations of turkic states

84. Consider the following statements:

1. Gujarat has the largest solar park in India.
2. Kerala has a fully solar powered International Airport.
3. Goa has the largest floating solar photovoltaic project in India.

Which of the statements given above is/are correct?

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

Ans (b) Exp:

Bhadla Solar Park is the world's largest solar park located in India which is spread over a total area of 14,000 acres in Bhadla, Phalodi tehsil, Jodhpur district, Rajasthan, India.

Statement 1 is incorrect

Bharat Heavy Electricals Limited (BHEL) has successfully commissioned India's largest Floating Solar PV plant. Located at NTPC Simhadri in Andhra Pradesh, the 25 MW floating SPV project covers an area of 100 acres.

Statement 3 is incorrect

Statement 2 is correct

85. With reference to the United Nations Convention on the Law of Sea, consider the following statements:

1. A coastal state has the right to establish the breadth of its territorial sea up to a limit not exceeding 12 nautical miles, measured from baseline determined in accordance with the convention.

2. Ships of all states, whether coastal or land-locked, enjoy the right of innocent passage through the territorial sea.
3. The Exclusive Economic Zone shall not extend beyond 200 nautical miles from the baseline from which the breadth of the territorial sea is measured.

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

Ans (d) Exp:

Statement 1 is correct

The innocent passage has been codified in UNCLOS was adopted in 1982.

It is known as the Law of the sea treaty

Statement 2 is correct

EEZ is 200 nautical miles from the baseline

So statement 3 is also correct

86. Which one of the following statements best reflects the issue with Senkaku Islands, sometimes mentioned in the news?

- (a) It is generally believed that they are artificial islands made by a country around South China Sea.
- (b) China and Japan engage in maritime disputes over these islands in East China Sea.
- (c) A permanent American military base has been set up there to help Taiwan to increase its defence capabilities.
- (d) Though International Court of Justice declared them as no man's land, some South-East Asian countries claim them.

Ans (b) Exp:

The Senkaku Islands are located in the East China Sea between Japan, the People's Republic of China, and the Republic of China (Taiwan).

Chinese and Japanese coast guard ships have regularly confronted each other in surrounding waters

87. Consider the following pairs :

Country Important reason for being in the news recently

1. Chad - Setting up of permanent military base by China
2. Guinea - Suspension of Constitution and Government by military
3. Lebanon - Severe and prolonged economic depression
4. Tunisia - Suspension of Parliament by President

How many pairs given above are correctly matched?

- (a) Only one pair
- (b) Only two pairs
- (c) Only three pairs
- (d) All four pairs

Ans (c) Exp:

Beijing opened its first foreign military base in Djibouti in the Horn of Africa.

88. Consider the following pairs:

Region often mentioned in the news Country

1. Anatolia - Turkey
2. Amhara - Ethiopia
3. Cabo Delgado - Spain
4. Catalonia - Italy

How many pairs given above are correctly matched?

- (a) Only one pair
- (b) Only two pairs
- (c) Only three pairs
- (d) All four pairs

Ans (b) Exp:

cabo Delgado - Mozambique

Catalonia - Spain

89. With reference to Indian laws about wildlife protection, consider the following statements:

1. Wild animals are the sole property of the government.
2. When a wild animal is declared protected, such animal is entitled for equal protection whether it is found in protected areas or outside.
3. Apprehension of a protected wild animal becoming a danger to human life is sufficient ground for its capture or killing.

Which of the statements given above is/are correct?

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

Ans (a) Exp:

In a significant verdict, the Bombay High Court has ruled that wild animals including tiger should be treated as "government property for all purposes"

Statement 1 is correct

According to WPA statement 2 is correct

Statement 3 is wrong

For wild animals in Schedule II, III or IV, chief wildlife warden or authorized officers can permit their hunting in a specified area if they have become dangerous to humans or property.

Permission is needed from chief wildlife warden

And only apprehension is not enough

90. Certain species of which one of the following organisms are well known as cultivators of fungi?

- (a) Ant
- (b) Cockroach
- (c) Crab
- (d) Spider

Ans (a) Exp:

Leafcutter ants use leaves as their fertilizer to grow their crop: fungus. They cultivate their fungal gardens by providing them with freshly cut leaves, protecting them from pests and molds, and clearing them of decayed material and garbage. In return, the fungus acts as a food source for the ants' larvae.

91. Consider the following pairs :

Site of Ashoka's major rock edicts Location in the State of

- 1. Dhauli - Odisha
- 2. Erragudi - Andhra Pradesh
- 3. Jaugada - Madhya Pradesh
- 4. Karnataka - Karnataka

How many pairs given above are correctly matched?

- (a) Only one pair
- (b) Only two pairs
- (c) Only three pairs
- (d) All four pairs

Ans (b) Exp:

- 1 and 2 are correct
- 3. Jaugada - Odisha
- 4. kalsi - uttarkhand

92. Consider the following pairs:

- | | | |
|-----------------|---|-------------------|
| King | | Dynasty |
| 1. Nannuka | - | Chandela |
| 2. Jayashakti | - | Paramara |
| 3. Nagabhata II | - | Gurjara-Pratihara |
| 4. Bhoja | - | Rashtrakuta |

How many pairs given above are correctly matched?

- (a) Only one pair
- (b) Only two pairs
- (c) Only three pairs
- (d) All four pairs

Ans (b) Exp:

- 1 and 3 are correct
- 2. Jayashakthi - chandela
- 4. Bhoja - paramara

93. Which one of the following statements about Sangam literature in ancient South India is correct?

- (a) Sangam poems are devoid of any reference to material culture.
- (b) The social classification of Varna was known to Sangam poets.

- (c) Sangam poems have no reference to warrior ethic.
- (b) Sangam literature refers to magical forces as irrational.

Ans (b) Exp:

The social classification of Varna was known to Sangam Poets. There is mention of Arashar (King), Vaishiyar (traders) & Velalar (farmers). Brahmins are also mentioned

94. "Yogaväeistha" was translated into Persian by Nizamuddin Panipati during the reign of:
- (a) Akbar
- (b) Humayun
- (c) Shahjahan
- (d) Aurangzeb

Ans (a) Exp:

It was done during 1597

95. The world's second tallest statue in sitting pose of Ramanuja was inaugurated by the Prime Minister of India at Hyderabad recently. Which one of the following statements correctly represents the teachings of Ramanuja?
- (a) The best means of salvation was devotion.
- (b) Vedas are eternal, self-existent and wholly authoritative.
- (c) Logical arguments were essential means for the highest bliss.
- (d) Salvation was to be obtained through meditation.

Ans (a) Exp:

Ramanuja presented the epistemic and soteriological importance of bhakti, or the devotion to a personal God (Vishnu in Ramanuja's case) as a means to spiritual liberation

96. The Prime Minister recently inaugurated the new Circuit House near Somnath Temple at Veraval. Which of the following statements are correct regarding Somnath Temple?

1. Somnath Temple is one of the Jyotirlinga shrines.
2. A description of Somnath Temple was given by Al-Biruni.
3. Pran Pratishtha of Somnath Temple (installation of the present day temple) was done by President S. Radhakrishnan.

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

Ans (a) Exp:

It is one of the most sacred pilgrimage sites for Hindus and is believed to be first among the twelve Jyotirlinga shrines of Shiva.

Statement 1 is correct

The raid of 1026 by the Turkic Muslim ruler Mahmud of Ghazni is confirmed by the 11th-century Persian historian Al-Biruni

Statement 2 is correct

Attended by president Rajendra Prasad

Statement 3 wrong

97. Which one of the following statements best describes the role of B cells and T cells in the human body?

- They protect the body from environmental allergens.
- They alleviate the body's pain and inflammation.
- They act as immunosuppressants in the body.
- They protect the body from the diseases caused by pathogens.

Ans (d) Exp:

B cells and T cells are the white blood cells of the immune system that are responsible for adaptive immune response in an organism.

98. Consider the following statements:

- Other than those made by humans, nanoparticles do not exist in nature.
- Nanoparticles of some metallic oxides are used in the manufacture of some cosmetics.
- Nanoparticles of some commercial products which enter the environment are unsafe for humans.

Which of the statements given above is/are correct?

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

Ans (d) Exp:

Naturally occurring nanoparticles can be found in volcanic ash, ocean spray, fine

sand and dust, and even biological matter (e.g. viruses)

So statement 1 is wrong

Metal and metal oxide nanoparticles (NPs) potentially present in cosmetics, those containing titanium dioxide and zinc oxide are common ingredients added to obtain a sufficient sun protection.

So statement 2 is correct

99. Consider the following statements:

DNA Barcoding can be a tool to :

- assess the age of a plant or animal.
- distinguish among species that look alike.
- identify undesirable animal or plant materials in processed foods.

Which of the statements given above is/are correct?

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

Ans (d) Exp:

DNA barcoding is a system for species identification focused on the use of a short, standardized genetic region acting as a "barcode" in a similar way that Universal Product Codes (UPCs) are used by supermarket scanners to distinguish commercial products.

DNA barcoding serves as a means to identify regulated species, invasive species, and endangered species, and to test the identity and purity of botanical products, such as commercial herbal medicines and dietary supplements.

100. Consider the following:

1. Carbon monoxide
2. Nitrogen oxide
3. Ozone
4. Sulphur dioxide

Excess of which of the above in the environment is/are cause(s) of acid rain?

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

Ans (b) Exp:

Acid rain is caused by a chemical reaction that begins when compounds like sulfur dioxide and nitrogen oxides are released into the air. These substances can rise very high into the atmosphere, where they mix and react with water, oxygen, and other chemicals to form more acidic pollutants, known as acid rain.

Since both 2 and 4 are present in B and they are the main pollutants for acid rain the answer is B

