



INSIGHTSIAS

SIMPLIFYING IAS EXAM PREPARATION

INSTA CURRENT AFFAIRS QUIZ QUESTIONS

OCTOBER 2020

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PREPARATION

Hearty Congratulations to AIR 2 & 4 of our Online Test Series and all our proud 160+ Rank Holders in UPSC CSE 2019!

1. Economy

1) Consider the following statements regarding Monetisation of deficit.

1. Monetisation of deficit means printing large sums of money and distributing it to the public.

2. Monetisation of deficit is not practiced in India after 1991 Economic Reforms.

Which of the above statements is/are incorrect?

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

2) Which of the following are recognised as "Three Sisters" by the World Trade Organization's (WTO) Sanitary and Phytosanitary Measures (SPS) Agreement?

1. International Plant Protection Convention (IPPC)

- 2. Codex Alimentarius Commission
- 3. Pacific Plant Protection Organization
- 4. World Organization for Animal Health

(OIE)

Select the correct answer code:

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

3) Consider the following statements regarding Bank for International Settlements (BIS).

1. Bank for International Settlements (BIS) is an international financial institution jointly owned by the World Bank and International Monetary Fund.

2. It provides banking services, but only to central banks and other international organizations.

Which of the above statements is/are incorrect?

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

4) Consider the following statements regarding Open Credit Enablement Network (OCEN).

1. Open credit enablement network is the new credit protocol infrastructure which will connect lenders and marketplaces.

2. It will help small businesses and entrepreneurs get loans.

3. It is built by National Payments Corporation of India.

Which of the above statements is/are correct?

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

5) Consider the following statements regarding AT-1 bonds.

1. AT-1 bonds are unsecured, high-risk bonds that banks issue to shore up their core capital base to meet the Basel III norms.

2. As per latest norms, banks can issue these bonds only on electronic platform and only institutional investors could subscribe to them.

3. As per RBI guidelines, Banks cannot skip paying interest on these bonds even if their capital ratios fall below certain threshold level.

Which of the above statements is/are correct?

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

6) Consider the following statements regarding Geographical indication (GI).

1. A geographical indication right enables those who have the right to use the indication to prevent its use by a third party whose product does not conform to the applicable standards.

2. A protected geographical indication does not enable the holder to prevent someone from making a product using the same techniques as those set out in the standards for that indication.

3. Since industrial products are machine made, Geographical indications cannot be used for industrial products.

Which of the above statements is/are correct?

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

7) Consider the following statements regarding New Development Bank (NDB).

1. New Development Bank is a multilateral development bank established by the BRICS states during Second BRICS Summit.

2. The Bank shall support public or private projects through loans, guarantees and equity participation and also provide technical assistance for projects to be supported by the Bank.

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3. The initial subscribed capital of the bank was equally distributed among the founding members.

Which of the above statements is/are correct?

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

8) Consider the following statements regarding Asian Development Bank (ADB).

1. Asian Development Bank (ADB) is a regional development bank which is dedicated to reducing poverty in Asia and the Pacific through inclusive economic growth.

2. The bank admits the members of the United Nations Economic and Social Commission for Asia and the Pacific (UNESCAP) and non-regional developed countries.

3. The ADB was modeled closely on New Development Bank, where initial subscribed capital of the bank was equally distributed among the founding members.

Which of the above statements is/are correct?

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

9) Consider the following statements regarding Coal Sector in India.

1. Coal Mines (Special Provisions) Act, 2015 permits the Government to auction coal mines to the private sector for both captive and Commercial purposes.

2. Coal Mines (Special Provisions) Act, 2015 extends to the whole of India.

3. India allows 100% FDI in the coal sector.

Which of the above statements is/are incorrect?

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

10) Consider the following statements regarding International Financial Services Centres Authority.

1. International Financial Services Centres Authority is a statutory regulatory body under the Department of Economic Affairs to regulate all financial services in International Financial Services Centres (IFSCs) in the country.

2. The authority exercise the powers of RBI in respect of financial services performed in the international financial services centres in the country.

3. IFSCA has members each nominated from RBI, IRDAI, SEBI and PFRDA.

Which of the above statements is/are correct?

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

11) In India, the sectors where FDI is not allowed are:

- 1. Investment in Chit Funds
- 2. Tobacco industry
- 3. All Agricultural or Plantation Activities
- 4. Satellite and its associated activities

Select the correct answer code:

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

12) Consider the following statements regarding Government Security (G-Sec) and Treasury Bills (T-bills).

1. In India, the Central Government issues both, treasury bills and bonds or dated securities while the State Governments issue only bonds or dated securities, which are called the State Development Loans (SDLs).

2. They are not available for small and retail investors.

Which of the above statements is/are incorrect?

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

2. Ecology and Environment

1) Consider the following statements regarding Environment Impact Assessment (EIA) In India.

1. India notified its first EIA norms in 2006, Under the Environment (Protection) Act, 1986.

2. EIA provides a legal framework for regulating activities that access, utilise, and affect natural resources.

3. The public hearing is a mandatory step in the process of environmental clearance for all developmental projects.

Which of the above statements is/ are correct?

- a) 2 only

- b) 1, 3
- c) 2, 3
- d) 1, 2, 3

2) Industrial projects located in which of the following notified ecologically sensitive areas would require environmental clearance irrespective of the type of project?

1. Religious and historic places
2. Gulf areas
3. Tribal settlements
4. International border areas

Select the correct answer code:

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

3) Consider the following statements regarding Bats.

1. Bats are the largest mammalian group.
2. They use sonar-based echolocation mechanism to capture prey.
3. They occur on all continents except Antarctica and are particularly diverse in South Asia.

Which of the above statements is/are correct?

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

4) Consider the following statements regarding Bats.

1. Bats play a vital role in seed dispersal and forest regeneration.
2. Bats are major pollinators for many species of mangroves.
3. Bats are a major problem for agriculture.

Which of the above statements is/are correct?

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

5) Which of the following practices can reduce emissions from agriculture?

1. Alternate wetting and drying of paddy.
2. Increasing the productivity of milk and meat production.
3. Organic agriculture.

Select the correct answer code:

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

6) Consider the following statements regarding Central Zoo Authority (CZA).

1. Central Zoo Authority (CZA) is a statutory authority constituted under the provisions of Environment Protection Act, 1986.
2. It is an affiliate member of the World Association of Zoos and Aquariums (WAZA).
3. Every zoo in the country is required to obtain recognition from the Authority for its operation.

Which of the above statements is/are correct?

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

7) Consider the following statements regarding Namdapha National Park.

1. Namdapha National Park lies in the international border between India and Bhutan.
2. Noa-Dihing River, a tributary of the Brahmaputra flows through it.
3. It is India's only reserve to have four big cat species the tiger, leopard, clouded and snow leopard.

Which of the above statements is/are correct?

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

8) Which of the following programmes on air pollution are applicable to Delhi?

1. National Clean Air Programme (NCAP)
2. Graded Response Action Plan
3. Yuddh Pradushan Ke Virudh

Select the correct answer code:

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

9) Consider the following statements regarding Natural Gas.

1. Natural gas consists primarily of Nitrogen but also includes small percentage of carbon dioxide and methane.
2. Natural gas is found in deep underground rock formations or associated with other hydrocarbon reservoirs in coal beds.
3. It is used as a chemical feedstock in the manufacture of plastics and organic chemicals.

Which of the above statements is/are correct?

- a) 1, 2

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- b) 1, 3
- c) 2, 3
- d) 1, 2, 3

10) Consider the following statements regarding Stockholm Convention on Persistent Organic Pollutants (POPs)

1. Stockholm Convention on Persistent Organic Pollutants is an international environmental treaty, that aims to eliminate or restrict the production and use of persistent organic pollutants (POPs).

2. India has ratified the ban on all chemicals that are hazardous to health and environment listed under the Stockholm Convention.

3. Union Environment Ministry has notified the Regulation of Persistent Organic Pollutants Rules under the provisions of Environment (Protection) Act, 1986.

Which of the above statements is/are correct?

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

11) Consider the following statements regarding Persistent Organic Pollutants (POPs).

1. Persistent Organic Pollutants (POPs) have the property of long-range environmental transport (LRET).

2. As we move up the food chain, concentrations of POPs tend to decrease so that animals at the top of the food chain tend to have the low concentrations of these chemicals.

3. Exposure to POPs can lead to cancer and diseases of immune system.

Which of the above statements is/are correct?

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

12) Consider the following statements regarding coalbed methane (CBM).

1. Coalbed methane (CBM) is an unconventional form of natural gas found in coal deposits or coal seams.

2. India has the largest coal reserves in the world, and CBM has been looked at as a clean alternative fuel.

3. CBM cannot be used as feedstock for fertilisers.

Which of the above statements is/are incorrect?

- a) 1 only
- b) 1, 2

- c) 1, 3
- d) 2, 3

13) Consider the following statements regarding sulphur dioxide (SO₂) emissions.

1. India is the largest emitter of anthropogenic sulphur dioxide (SO₂).

2. In India, Sulphur dioxide (SO₂) emissions have been increasing significantly in the last four years.

3. Thermal power stations are the biggest emission hotspots in India.

Which of the above statements is/are correct?

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

14) Which of the following sources produce sulphur dioxide emissions?

- 1. Volcanoes
- 2. Phytoplankton
- 3. Burning of coal and oil
- 4. Smelter ovens

Select the correct answer code:

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

15) Consider the following statements regarding Animal Discoveries 2019 and Plant Discoveries 2019.

1. Animal Discoveries 2019 was released by Zoological Survey of India (ZSI) and Plant Discoveries 2019 was released by Botanical Survey of India (BSI).

2. ZSI uses DNA barcoding, genome sequencing, and X-rays for the identification of new species.

3. Maximum plant discoveries were made from the eastern Himalayas.

Which of the above statements is/are correct?

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

16) Consider the following statements regarding heat dome.

1. High-pressure circulation in the atmosphere acts like a dome, trapping heat at the surface and favouring the formation of a heat wave.

2. Recently the high temperature recorded at the west coast of USA was the result of heat dome.

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Which of the above statements is/are correct?

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

17) Miyawaki method, sometimes seen in news is related to

- a) Waste water treatment
- b) Afforestation technique
- c) Water storage technique
- d) Traditional system of medicine

18) Consider the following statements

1. TX2 goal is a global commitment that was set by the Governments of the 43 tiger range countries to double the number of wild tigers by 2030.
2. TX2 goal was launched by World Wildlife Foundation (WWF) at the St Petersburg Tiger Summit held in Russia.
3. The Global Tiger Forum (GTF) is the only inter-governmental international body established with members from willing countries to embark on a global campaign to protect the Tiger.

Which of the above statements is/are correct?

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

19) Thwaites Glacier, recently seen in news is located in

- a) Finland
- b) Iceland
- c) Svalbard
- d) Antarctica

20) Which of the following are mainly the primary sources of production of edible oil in India?

1. Soybean
2. Groundnut
3. Coconut
4. Rice bran
5. Mustard

Select the correct answer code:

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

21) Consider the following statements regarding Future Earth.

1. Future Earth is a 10-year international research program which aims to build knowledge about the environmental and human aspects of Global change, and to find solutions for sustainable development.

2. Future Earth harnesses the experience and reach of thousands of scientists and innovators from across the globe.

3. It forms strategic partnerships with international organizations that support global sustainability research and action.

Which of the above statements is/are correct?

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

22) Consider the following statements regarding Sigur Plateau.

1. The Sigur Plateau is notable as an important wildlife corridor maintaining connectivity between the Vindhya Range and the Satpura Range.
2. Sigur Plateau is known for large number of Elephant and Tiger population.

Which of the above statements is/are correct?

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

23) Consider the following statements regarding Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES).

1. Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES) is a United Nations body established for the conservation and sustainable use of biodiversity.

2. The United Nations Environment Programme (UNEP) provides secretariat services to IPBES.

3. It is intended to serve a similar role to the Intergovernmental Panel on Climate Change.

Which of the above statements is/are correct?

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

24) Consider the following statements regarding Blue Flag certification.

1. Blue Flag beaches are considered the cleanest beaches of the world.

2. India is the first country in the world to receive the Blue Flag Certification for maximum beaches in a single attempt.

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3. Intergovernmental Panel on Climate Change (IPCC) is one of the jury for selecting beaches for Blue Flag Certification.

Which of the above statements is/are correct?

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

25) Which of the following activities are permitted in the Coastal Regulation Zone (CRZ) of Blue Flag Certified beaches?

- 1. Grey water treatment plant
- 2. CCTV surveillance and control room
- 3. Solar power plant
- 4. Landscaping lighting

Select the correct answer code:

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

3. Government Schemes and Programmes

1) Consider the following statements

- 1. AGMARK is legally enforced by the Bureau of Indian Standards Act, 1986.
- 2. The Directorate of Marketing and Inspection, Ministry of Commerce and Industry is responsible for the implementation of AGMARK certification scheme.

Which of the above statements is/are correct?

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

2) Which of the following certification marks in India are correctly matched?

- 1. BIS hallmark: Certifies the purity of gold jewellery
- 2. FPO mark: Mandatory for all food products
- 3. Ecomark: For products conforming to a set of standards aimed at the least impact on the ecosystem
- 4. ISI mark: For industrial product.

Select the correct answer code:

- a) 1, 2, 3
- b) 1, 3, 4

c) 1, 2, 4

d) 1, 2, 3, 4

3) At present, the AGMARK standards cover quality guidelines for which of the following commodities?

- 1. Basmati Rice
- 2. Cotton
- 3. Arecanuts
- 4. Raw Meat (Chilled or Frozen)
- 5. Tobacco
- 6. Compounded Asafoetida

Select the correct answer code:

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

4) Consider the following statements.

- 1. India became the world's largest sugar producer in 2018-2019, beating out Brazil.
- 2. In India the sugar prices are controlled by the Government, so as to protect the sugarcane farmers.

Which of the above statements is/are correct?

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

5) Consider the following statements regarding Pashu Aadhaar.

- 1. Pashu Aadhaar contains a 12-digit UID that aims at enhancing traceability of livestock and their products.
- 2. It is developed by Ministry of Electronics and Information Technology.

Which of the above statements is/are correct?

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

6) Consider the following statements regarding Animal Husbandry Infrastructure Development Fund (AHIDF).

- 1. The AHIDF will incentivise infrastructure investments in dairy, meat processing and animal feed plants.
- 2. Farmer Producer Organizations (FPOs) and MSMEs are the eligible beneficiaries under the Scheme.

2. The private sector is incentivising dairy cooperative investment under Dairy Processing Infrastructure Development Fund (DIDF) where 100% funding will be from the private sector.

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Which of the above statements is/are correct?

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

7) Consider the following statements regarding Infrastructure Investment Trust(s) (InvIT).

1. Infrastructure investment trusts are institutions similar to mutual funds, which pool investment from various categories of investors and invest only in completed infrastructure projects.
2. National Highways Authority of India's (NHAI) InvIT is a Trust established by NHAI under the Indian Trust Act, 1882 and SEBI regulations.
3. In India, InvITs are allowed to be formed in roads, power transmission, gas transmission and telecom towers sectors.

Which of the above statements is/are correct?

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

8) Consider the following statements regarding National Commission for Protection of Child Rights (NCPCR).

1. National Commission for Protection of Child Rights (NCPCR) is a statutory body under the administrative control of the Ministry of Women & Child Development.
2. The Commission's Mandate is to ensure that all Laws, Policies and Programmes are in consonance with UN Convention on the Rights of the Child.
3. It enquires into complaints of violations of child rights and take suo moto cognisance of serious cases of violation of child rights.

Which of the above statements is/are correct?

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

9) Consider the following statements regarding The National Commission for Protection of Child Rights (NCPCR).

1. The National Commission for Protection of Child Rights (NCPCR) emphasizes the principle of universality of child rights and recognizes the tone of urgency in all the child related policies of the country.

2. It examines all factors that inhibit the enjoyment of rights of children affected by terrorism, communal violence, riots, natural disaster, domestic violence and HIV/AIDS.

Which of the above statements is/are correct?

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

10) Which of the following are the functions of National Commission for Protection of Child Rights (NCPCR)?

1. Look into matters relating to children in need of special care and protection.
2. Undertake and promote research in the field of child rights.
3. Spread child rights literacy among various sections of society.
4. Inspect any juvenile custodial home under the control of the Central Government where children are detained for the purpose of reformation.

Select the correct answer code:

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

11) Consider the following statements regarding Graded Response Action Plan (GRAP).

1. Graded Response Action Plan (GRAP) was approved by the Supreme Court and was prepared by Environment Pollution (Prevention & Control) Authority.
2. The plan includes action by various state governments to be taken throughout the year to tackle industrial, vehicular and combustion emissions.
3. The state authorities and public health department can impose penalties on various private contractors and entities for flouting anti-air pollution rules as per the guidelines of the Graded Response Action Plan.

Which of the above statements is/are correct?

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

12) Consider the following statements regarding Real Estate Investment Trusts (REITs).

1. Structured on the lines of mutual funds, REITs are securities linked to real estate that can be traded on the stock exchange.

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2. The minimum investment requirement is ₹ 5 lakh for the retail investors.

3. 80% of the value of REITs should be invested in rent-generating assets.

Which of the above statements is/are correct?

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

13) Consider the following statements regarding Child Welfare Committees (CWCs).

1. As per Juvenile Justice (Care and Protection of Children) Act, 2015, Child Welfare Committees (CWCs) are to be constituted by Central Government for every district.

2. The Committee shall consist of at least one women member.

3. The Committee has the full authority of disposing of cases for the care, protection and treatment of the children.

Which of the above statements is/are correct?

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

14) Consider the following statements regarding Production linked incentive scheme.

1. Under the National Policy on Electronics 2019, the Ministry of Electronics and Information Technology (MeitY) introduced a Production Linked Incentive Scheme for Large Scale Electronics Manufacturing.

2. The scheme provides for an incentive of 4-6 per cent on incremental sales of mobile phones and specified electronic components manufactured in India.

3. The scheme is applicable to only domestic companies.

Which of the above statements is/are correct?

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

15) Consider the following statements regarding Patents.

1. A Patent is a statutory right for an invention granted for a limited period of time to the patentee by the Government, in exchange of full disclosure of his invention for excluding others, from making, using, selling, importing the patented product or process for producing that product for those purposes without his consent.

2. The term of every patent granted is 20 years from the date of filing of application.

3. The Indian Patent is effective worldwide.

Which of the above statements is/are correct?

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

16) Consider the following statements regarding Labour Bureau.

1. Labour Bureau is the data and survey wing of the union ministry of Commerce and Industry.

2. Labour Bureau aims to achieve in producing quality data on rural, agriculture and industrial workers.

3. The foundations of Labour Bureau can be traced to the Royal Commission on Labour setup before India's Independence.

Which of the above statements is/are correct?

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

17) Consider the following statements regarding PARAKH.

1. Parakh is the National Assessment Centre for student assessment and evaluation for all school boards across the country.

2. Included in the National Education Policy 2020, this autonomous institution is under the Union Education Ministry.

3. It will also guide standardised testing to monitor learning outcomes at the State and national levels.

Which of the above statements is/are correct?

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

4. Science and Technology

1) Which of the following are the applications of Nanobots

- 1. Targeted drug-delivery
- 2. Unblock blood vessels in heart
- 3. Taking biopsies in inaccessible areas of the body

Select the correct answer code:

- a) 1, 2

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- b) 1, 2, 3
- c) 1, 3
- d) 2, 3

2) Phage therapy, sometimes seen in news is related to

- a) Efficient diagnosis of rare genetic diseases
- b) Treatment for cardiovascular disease and diabetes
- c) Treatment for people suffering from antibiotic-resistant infections
- d) Treatment for people suffering from mental disorder

3) Consider the following statements regarding Torrefaction technology.

1. Torrefaction is a Swedish technology that converts rice stubble into bio-manure.
2. The technology involves heating up straw, grass, saw mill residue and wood biomass under very high temperature.

Which of the above statements is/are correct?

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

4) Consider the following statements regarding Cannabidiol (CBD) oil, recently seen in news.

1. CBD oil is an extract from the cannabis plant.
2. There is enough scientific evidence to prove that CBD oil can safely and effectively treat cancer.
3. CBD oil manufactured under a licence issued by the Drugs and Cosmetics Act, 1940 can be legally used.

Which of the above statements is/are correct?

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

5) Consider the following statements regarding Brucellosis.

1. Brucellosis is a bacterial disease that mainly infects cattle, swine, goats, sheep and dogs.
2. Humans get infected if they come in direct contact with infected animals and not by eating or drinking contaminated animal products.
3. Human to human transmission of the virus is rare.

Which of the above statements is/are correct?

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

6) Consider the following statements regarding African Swine Fever (ASF).

1. ASF is a severe viral disease that affects wild and domestic pigs typically resulting in an acute haemorrhagic fever.
2. The disease has a case fatality rate (CFR) of almost 100 per cent.
3. Biological vectors such as ticks can transmit the disease.

Which of the above statements is/are correct?

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

7) Which of the following sectors have the applications from the Cyber Physical System?

1. Healthcare
2. Smart Buildings
3. Transportation
4. Robotics

Select the correct answer code:

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

8) Which of the following can be carried out using Artificial Intelligence?

1. Early detection and prevention of diseases for patients.
2. Auto reply to specific queries on a web portal.
3. Shorten the preclinical drug identification and design process
4. Water management and pest control

Select the correct answer code:

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

9) Consider the following statements regarding Chandra X-ray Observatory.

1. Chandra X-ray Observatory is a telescope specially designed to detect X-ray emission from very hot regions of the Universe such as exploded stars, clusters of galaxies, and matter around black holes.

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2. It is a Flagship-class space telescope launched by ISRO.

Which of the above statements is/are correct?

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

10) Which of the following statement is correct regarding Sagittarius A*?

- a) It is the Supermassive black hole
- b) It is located at the Galactic center of the Milky Way galaxy

- c) Both a and b
- d) Neither a nor b

11) Nuclear science is being utilized in which of the following areas of agriculture in India?

- 1. Development of high yielding crop seeds
- 2. Fertilizer and pesticide related studies
- 3. Radiation processing of food items

Select the correct answer code:

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

12) Consider the following statements regarding Black holes.

1. A black hole is an astronomical object with a gravitational pull so strong that nothing, not even light, can escape from it.

2. The area outside the boundary of Black holes, called the event horizon does emit all kinds of radiations, even visible light.

Which of the above statements is/are incorrect?

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

13) Consider the following statements regarding CRISPR-Cas9.

1. CRISPR technology allows to easily alter DNA sequences and modify gene function.

2. It can be used to correct sickle cell anemia, a genetic blood disorder.

3. Gene editing system does not occur naturally in organisms.

Which of the above statements is/are correct?

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

14) Consider the following statements regarding DNA barcoding.

1. DNA barcoding is a method of species identification using a short section of DNA from a specific gene.

2. DNA barcoding is used to obtain taxonomic information about unidentified organisms.

3. The Zoological Survey of India (ZSI) has joined the International Barcode of Life Consortium which is part of UNEP, for the expansion of the global reference database.

Which of the above statements is/are correct?

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

15) Consider the following statements regarding Rudram missile.

1. Rudram is India's first indigenous anti-radiation missile.

2. It is an air-to-surface missile, designed and developed by the Defence Research and Development Organisation (DRDO).

3. Anti-radiation missiles are designed to detect, track and neutralise the adversary's radar, communication assets and other radio frequency sources.

Which of the above statements is/are correct?

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

16) Which of the following types of inventions are not patentable in India?

1. A method of agriculture or horticulture

2. A literary, dramatic, musical or artistic work

3. Artificial intelligence led innovations without human intervention.

4. Inventions relating to atomic energy

Select the correct answer code:

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

17) Consider the following statements regarding OSIRIS-REx mission.

1. OSIRIS-REx mission is NASA's first mission meant to return a sample from the ancient asteroid Bennu.

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2. Asteroid Bennu has undergone drastic changes since its formation over billions of years ago and the sample helps in studying these changes. Which of the above statements is/are correct?

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

18) Scientists usually study asteroids for which of the following reasons?

- 1. Asteroids provide information about the formation and history of planets and the sun.
- 2. To look for asteroids that might be potentially hazardous.
- 3. Asteroids offer a source of volatiles and an extraordinarily rich supply of minerals.

Select the correct answer code:

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

19) Nanotechnology has applications in which of the following areas?

- 1. Food Packaging
- 2. Fuel cells and Solar Cells
- 3. Better Air and Water Quality
- 4. Chemical Sensors

Select the correct answer code:

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

20) Consider the following statements regarding Feluda test.

- 1. Feluda test is a low-cost paper-based test strip to detect Covid-19.
- 2. It uses CRISPR-Cas technology for the detection of genes specific to SARS-CoV-2 virus.
- 3. It has 100 percent sensitivity and specificity for detecting positive and negative cases.

Which of the above statements is/are correct?

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

21) Which of the following are considered as main drivers of antimicrobial resistance?

- 1. Misuse and overuse of antimicrobials
- 2. Lack of access to clean water and hygiene for animals

3. Poor infection and disease prevention in health-care facilities

Select the correct answer code:

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

5. International Relations and Organisations

1) Consider the following statements

- 1. Permanent Court of Arbitration (PCA) was established by the Convention for the Pacific Settlement of International Disputes.
- 2. India is a signatory to the 1951 United Nations Convention and 1967 Protocol Relating to the Status of Refugees.

Which of the above statements is/are incorrect?

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

2) The International Energy Agency's mandate focus on

- 1. Energy security
- 2. Economic development
- 3. Environmental protection

Select the correct answer code:

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

3) Consider the following statements regarding the roles and functions of Financial Action Task Force (FATF).

- 1. FATF set standards and promote effective implementation of legal, regulatory and operational measures for combating money laundering and terrorist financing.
- 2. FATF does not involve in monitoring countries' progress in implementing its Recommendations.

Which of the above statements is/are correct?

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

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4) The Stockholm Declaration adopted in 1972 is related to

- Non-Proliferation of Nuclear Weapons
- Right to healthy environment
- Protecting human rights
- Elimination of child labour

5) Consider the following statements regarding Financial Action Task Force (FATF).

- As a policy-making body, the FATF works to generate the necessary political will to bring about national legislative and regulatory reforms in the areas of money laundering and terrorist financing.
- More than 200 countries and jurisdictions are committed to implement the recommendations of FATF.
- FATF does not have the power to hold countries accountable if countries do not comply to FATF standards.

Which of the above statements is/are correct?

- 1, 2
- 1, 3
- 2, 3
- 1, 2, 3

6) Countries that are included in the FATF Grey list may face which of the following

- Economic sanctions from IMF and World Bank.
- Problem in getting loans from other countries.
- International boycott.

Select the correct answer code:

- 1, 2
- 1, 3
- 2, 3
- 1, 2, 3

7) Consider the following statements regarding Global Partnership for Artificial Intelligence (GPAI).

- India is a founder member of Global Partnership for Artificial Intelligence (GPAI).
- World Economic Forum hosts the Secretariat of the new GPAI.

Which of the above statements is/are correct?

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

8) Consider the following statements regarding Indian Ocean Conference.

- Indian Ocean Conference has been initiated by Indian Ocean Rim Association.

2. It is an annual conference that aims to bring together Heads of States/Governments, Ministers, thought leaders, scholars, diplomats, bureaucrats and practitioners from across the region on a single platform.

3. Fishing in the Indian Ocean now accounts for almost 50% of the world's total.

Which of the above statements is/are correct?

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

9) RAISE 2020 summit, recently seen in news is related to

- Sustainable Development
- Renewable Energy
- Artificial Intelligence
- Energy Efficient Technology

10) Which of the following are the member states of Shanghai Co-operation Organisation (SCO).

- Kazakhstan
- Kyrgyzstan
- Uzbekistan
- Turkmenistan
- Russia

Select the correct answer code:

- 1, 2, 3, 5
- 1, 2, 3, 4
- 1, 2, 4, 5
- 1, 2, 3, 4, 5

11) Consider the following statements regarding Group of 7 (G7) countries

- G7 is a group consisting of Canada, France, Germany, Italy, Japan, the United Kingdom, and the United States.
- European Union is not represented within the G7.
- G7 countries represent more than 70% of the net global wealth.

Which of the above statements is/are correct?

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

12) Consider the following statements regarding United Nations Peacekeeping.

- United Nations Peacekeeping helps countries torn by conflict create conditions for lasting peace.
- Its first mission involved the establishment of the UN Truce Supervision

Organization (UNTSO), which served to observe and maintain ceasefire during the 1948 Arab-Israeli War.

3. UN Peacekeeping is guided by the principle of complete Non-use of force.

Which of the above statements is/are correct?

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

13) Consider the following statements about Special 301 Report.

- 1. It is prepared annually by the World Bank.
- 2. The Report includes a list of "Priority Foreign Countries", "Priority Watch List" and a "Watch List" countries which are judged on the basis of intellectual property laws.

Which of the above statements is/are correct?

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

14) At the International level, which of the following Acts/ Agreements regulates Geographical Indications?

- 1. Paris Convention for the Protection of Industrial Property
- 2. Trade-Related Aspects of Intellectual Property Rights (TRIPS)
- 3. Geographical Indications of Goods (Registration and Protection) Act, 1999

Select the correct answer code:

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

15) Consider the following statements regarding Antarctic Treaty, 1961

- 1. More than 100 countries are parties to Antarctic treaty.
- 2. According to treaty, Antarctica shall continue forever to be used exclusively for peaceful purposes.
- 3. It prohibits military activity, except in support of science and prohibits nuclear explosions and the disposal of nuclear waste.

Which of the above statements is/are correct?

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

16) Consider the following statements regarding Asia-Pacific Economic Cooperation (APEC).

- 1. Asia-Pacific Economic Cooperation (APEC) is an inter-governmental forum for Pacific Rim member economies that promotes free trade throughout the Asia-Pacific region.
- 2. APEC is recognized as one of the highest-level multilateral blocs and oldest forums in the Asia-Pacific region.
- 3. China, Russia and India are the members of APEC.

Which of the above statements is/are correct?

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

17) Consider the following statements regarding World Food Programme (WFP).

- 1. The World Food Programme (WFP) is the food-assistance branch of the United Nations and is the world's largest humanitarian agency combating hunger.
- 2. The 2020 Nobel Peace Prize was awarded to the World Food Programme (WFP).
- 3. The World Food Programme became the first UN organisation to receive the Nobel Peace Prize.

Which of the above statements is/are correct?

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

18) Consider the following statements regarding Shanghai Cooperation Organisation (SCO).

- 1. The SCO is the second largest regional organisation in the world in terms of geographical coverage and population.
- 2. The Heads of State Council (HSC) is the supreme decision-making body in the SCO.
- 3. The SCO has been an observer in the UN General Assembly.

Which of the above statements is/are correct?

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

19) Consider the following statements regarding Asia/Pacific Group on Money Laundering (APG).

- 1. Asia/Pacific Group on Money Laundering (APG) is an inter-governmental body, where the members are committed to implement

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international standards against money laundering (AML), the financing of terrorism (CTF) and financing the proliferation of weapons of mass destruction.

2. Jurisdictions that join the APG, either as members or as observers, commit to the Recommendations of the Financial Action Task Force (FATF).

3. The APG conducts evaluations of its members to determine whether they comply with their obligations to implement the global anti-money laundering and anti-terrorist financing standards.

Which of the above statements is/are correct?

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

20) FATF-style regional bodies (FSRBs) have been established covering which of the following regions?

- 1. Caribbean Basin
- 2. West Africa
- 3. Latin America
- 4. Middle East

Select the correct answer code:

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

21) India Energy Modeling Forum, recently seen in news is the joint initiative of

- a) India and Japan
- b) Indian and USA
- c) India and Russia
- d) India and Uzbekistan

22) Consider the following statements.

1. According to WHO, No country in the southeast Asia region have successfully controlled Hepatitis B.

2. Hepatitis B is said to be controlled when the disease prevalence is reduced to less than 1% among children less than five years of age.

3. In India, a nation-wide Hepatitis B vaccine was introduced in the Universal Immunisation Programme.

Which of the above statements is/are correct?

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

23) Consider the following statements regarding 'Group – 4' (G4) nations.

1. G4 nations are group of four countries which support each other's bids for permanent seats on the United Nations Security Council.

2. G4 nations includes Brazil, India, Australia and Japan.

Which of the above statements is/are correct?

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

24) Consider the following statements regarding Malabar naval exercise.

1. Malabar naval exercise began as a bilateral exercise between India and Japan, and later United States became a permanent partner.

2. This is an annual exercise held in Indian Ocean.

Which of the above statements is/are correct?

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

25) Green Room Meetings, sometime seen in the news, is related to the affairs of

- a) World Economic Affairs
- b) G-20
- c) WTO
- d) UNSC

6. Polity

1) Consider the following statements regarding Curative petition.

1. The concept of Curative petition was evolved by the Supreme Court of India.

2. A curative petition can be entertained if the petitioner establishes there was a violation of the principles of natural justice.

3. The Review petition is filed after the Curative petition to ensure there is no miscarriage of justice.

Which of the above statements is/are correct?

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

2) Recently the Law Ministry increased the ceiling on poll expenditure for Assembly and Lok Sabha elections by 10%. Consider the following statements in this regard.

1. The Election Commission of India imposes limits on campaign expenditure incurred by a candidate and a political party.

2. Candidates must mandatorily file a true account of election expenses with the Election Commission.

3. An incorrect account, or expenditure by a candidate beyond the ceiling can attract disqualification for up to six years under the provisions of The Representation of the People Act, 1951.

Which of the above statements is/are correct?

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

7. States

1) Consider the following statements regarding production of maize in India.

1. India is one of the major Maize producing countries in the world and has been self-sufficient in its produce.

2. In India, Maize is grown throughout the year, but is predominantly a kharif crop.

3. Major Maize growing states in India are Karnataka, Telangana, Maharashtra and Andhra Pradesh.

Which of the above statements is/are correct?

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

2) Consider the following pairs

**Nuclear Power Plant
State**

- 1. Kaiga
Karnataka
- 2. Narora
Gujarat
- 3. Tarapur
Maharashtra

Which of the above pairs are not correctly matched?

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

d) None

Manesar, Pimpri-Chinchwad and Sriperumbudur are considered as the hubs in India for

- a) Mobile Manufacturing
- b) International Finance
- c) Animal Husbandry
- d) Automobiles

8. Reports and Indices

1) Consider the following statements regarding Ease of Doing Business (EODB) Rankings.

1. The World Bank publishes a Doing Business Report, which carries the Ease of Doing Business (EODB) Rankings.

2. From 2014 to 2019, India has improved its ranking by 100 positions.

Which of the above statements is/are correct?

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

2) Which of the following indicators or categories are considered while granting Ease of Doing Business (EODB) Rankings?

- 1. Dealing with construction permits
- 2. Protecting minority investors
- 3. Trading across borders
- 4. Enforcing contracts

Select the correct answer code:

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

3) Consider the following statements regarding Global Hunger Index 2020.

1. Out of the total countries ranked in Global Hunger Index 2020, more than 3/4th of the countries fare better than India.

2. Global Hunger Index comprehensively measure and track hunger at the global, regional, and country levels.

3. Global Hunger Index is published by Food and Agriculture Organization.

Which of the above statements is/are correct?

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

9. Maps / Places

1) Israel has borders with which of the following countries.

1. Saudi Arabia
2. Egypt
3. Turkey
4. Jordan
5. Lebanon

Select the correct answer code:

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

2) Baltic Sea shares border with which of the following countries?

1. Russia
2. Norway
3. Finland
4. Sweden

Select the correct answer code:

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

3) Which of the following African countries share border with Indian Ocean?

1. Tanzania
2. Zimbabwe
3. Botswana
4. Mozambique

Select the correct answer code:

- a) 1, 3

b) 3, 4

c) 1, 4

d) 2, 3

4) Consider the following statements.

1. Myanmar, Malaysia and Vietnam share land boundary with Thailand.
 2. Kra Canal is a proposed canal that would connect the Gulf of Thailand with the Andaman Sea.
- Which of the above statements is/are incorrect?

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

5) Schengen Area, sometimes seen in news, is in

- a) East Asia
- b) Southeast Europe
- c) Western Europe
- d) Latin America

6) Arrange the following Islands from West to East.

1. Sumatra Island
2. Sulawesi Island
3. Java Island

Select the correct answer code:

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

7) Spacecraft cemetery, sometimes seen in news is located in

- a) Indian Ocean
- b) Atlantic Ocean
- c) Pacific Ocean
- d) Arctic Ocean