

Intense Revision Plan Day 16

1. Which of the following statements is/are true regarding Chagos Archipelago?

1. The dispute for archipelago is between UK and US only.
2. It is located off coast of Eastern Atlantic coast nearer to Europe.

Which of the above statements is/are true?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 and 2

Ans D

Explanation

- The British Foreign Secretary has sought Indian assistance in resolving current tensions between UK, US and Mauritius over the future of the US military base Diego Garcia, and the Indian Ocean Chagos Archipelago.
- The Chagos Islands- referred to by the British as the British Indian Ocean Territory, but which is not recognised as such by Mauritius- is home to the US military base Diego Garcia

2. Consider the statement regarding Green Bond Initiative:

1. The Climate Bonds Initiative is an international, investor focused not-for-profit organization.
2. It's the only organisation working to mobilize \$100 trillion bond market for climate change solutions.

Which of the above statements is/are true?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 and 2

Ans C

Explanation

- The Climate Bonds Initiative is an international, investor focused not-for-profit organization.
- It's the only organisation working to mobilize \$100 trillion bond market for climate change solutions.
- Its objective is to develop a large and liquid Green and Climate Bonds Market in developed and emerging markets.
- It would help aggregate money for fragmented sectors and support governments to tap debt capital markets

3. Consider the statements regarding Modified Special Incentive Package Scheme (M-SIPS)

1. It aims to achieve net zero imports in the electronics sector by 2020.
2. It is launched by Ministry of Electronics and Information Technology (MeitY).
3. Net zero Import was first coined in Digital India Mission

Which of the above statements is/are true?

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

Ans C

Explanation

- Modified Special Incentive Package Scheme (M-SIPS) in a bid to achieve net zero imports in the electronics sector by 2020.
- The M-SIPS policy was launched in July 2012 for a three year period by the Ministry of Electronics and Information Technology (MeitY).
- National Policy on Electronics vision is to create a globally competitive Electronics System Design and Manufacturing (ESDM) industry to meet the country's needs and serve the international market.
- **It is first coined in National Policy on Electronics 2012**

4. Consider the statements regarding Quantum Cryptography:

1. Quantum cryptography uses quantum physics and not mathematics.
2. It will help in hack proof communication systems especially in national security.

Which of the above statements is/are true?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 and 2

Ans C

Explanation

- In search of greater security from code breakers, a new generation of code makers has been turning from math to physics. Experts in atoms and other particles, these cryptologists want to exploit the laws of quantum mechanics to send messages that are provably unhackable. They are the architects of a new field called quantum cryptography, which has come of age only in the past few decades.

- Quantum cryptography draws its strength from the weirdness of reality at small scales. The particles making up our universe are inherently uncertain creatures, able to simultaneously exist in more than one place or more than one state of being. They choose how to behave only when they bump into something else or when we measure their properties.
- <http://searchsecurity.techtarget.com/definition/quantum-cryptography>

5. Consider the statements regarding pulses production India

1. Most of the land dedicated to growing pulses in each state is unirrigated
2. The national output of pulses comes predominantly from irrigated land as those under unirrigated land is not productive

Which of the above statements is/are true?

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

Ans A

Explanation

- The economic survey says the national output of pulses comes predominantly from unirrigated land
- And better irrigation can lead to better output of pulses

6. Which of the statements is/are true regarding Trade Receivables Discounting systems (TReDS)?

1. It aims to Create Electronic Bill Factoring Exchanges that could electronically accept and settle bills.
2. The TReDS will facilitate the discounting of both invoices as well as bills of exchange.

Select the correct answer using the code given below.

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither

1

and

2

Ans C

Explanation

- **Objective of TReDS**
- Create Electronic Bill Factoring Exchanges that could electronically accept and settle bills. It would enable MSMEs to cash their receivables without delay.
- The TReDS will facilitate the discounting of both invoices as well as bills of exchange.

7. Which of the statements is/are true regarding INS Khanderi?

1. It is the first indigenously developed scorpene class submarine.
2. It was built under the Project 75 in Mazagon Dock.
3. The induction of INS Khanderi is yet to complete

Select the correct answer using the code given below.

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

Ans B

Explanation

- Project 75
- Under Project-75, French Company DCNS will provide design and technology to public sector Mazagon Docks to make six Scorpene diesel submarines by 2022.
- It will undergo trials before being inducted in the Indian Navy

8. Which of the following statements is/are its objectives of 'National Integrated Power Development Scheme (IPDS)'?

1. Strengthening of sub-transmission and distribution network in the urban and rural areas.
2. Metering of distribution transformers /feeders / consumers in the urban and rural areas.

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 D

Explanation

- Integrated Power Development Scheme (IPDS)
- Integrated Power Development Scheme launched by the Ministry of Power, in order to provide the necessary impetus to the Indian power sector and to boost the power distribution networks
- objectives
- Strengthening of sub-transmission and distribution network in the urban areas;
- Metering of distribution transformers /feeders / consumers in the urban areas.
- IT enablement of distribution sector and strengthening of distribution network

- The scheme will help in reduction in AT&C losses, establishment of IT enabled energy accounting / auditing system, improvement in billed energy based on metered consumption and improvement in collection efficiency.
- <http://pib.nic.in/newsite/PrintRelease.aspx?relid=111621>

9. Buddhavanam Project is located in which state?

- (a) Tamil Nadu
- (b) Kerala
- (c) Telengana
- (d) Andhra Pradesh

Ans C

Explanation

- Telangana State Tourism Development Corporation has initiated a tourism project called Sriparvatarama (Buddhavanam) at Nagarjuna Sagar, Telangana, Sanctioned by Govt of India viz, Integrated Development of Nagarjunasagar as part of Lower Krishna valley Buddhist circuit with a view to attract large number of domestic and foreign tourists particularly from the South-East Asian countries.
- <https://en.wikipedia.org/wiki/Buddhavanam>

10. Consider the following statements on Mahatma Gandhi National Rural Employment Guarantee Act (MGNREGA)

1. The basic unit of implementation is the Panchayat
2. Only government agencies can be the implementing agency
3. The wage employment must be provided within 15 days of the date of application
4. The minimum limit to the wage-material ratio as 40:60

Which of the above statements are incorrect?

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

Ans C

Explanation

- The basic unit of implementation is the Block.
- NREGA also allows NGOs to act as implementing agencies.
- The minimum limit to the wage-material ratio as 60:40

11. Consider the statements regarding Varishtha Pension Bima Yojana:

1. It is a central sector scheme launched by central government for women.
2. Life Insurance Corporation of India is the implementing agency.

Which of the above statements is/are true?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 and 2

Ans B

Explanation

- Government of India in the Union Budget 2014-2015, announced the revival of Varishtha Pension Bima Yojana
- The scheme will be implemented through Life Insurance Corporation of India (LIC) during the current financial year to provide social security during old age and protect elderly persons aged 60 years and above against a future fall in their interest income due to uncertain market conditions.
- The scheme will provide an assured pension based on a guaranteed rate of return of 8% per annum for ten years, with an option to opt for pension on a monthly / quarterly / half yearly and annual basis.
- The differential return, i.e., the difference between the return generated by LIC and the assured return of 8% per annum would be borne by Government of India as subsidy on an annual basis.

12. Consider the statements on BRICS bank

1. The BRICS bank is headquartered at Beijing, China
2. Each member cannot increase its share of capital without 3/5 th of members agreeing
3. The bank will allow new members to join but the BRICS capital share cannot fall below 55%.

Which of the above statements are correct?

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

Ans B

Explanation

- The BRICS bank is headquartered at Shanghai, China. Beijing hosts the Asian Infrastructure Bank.
- Each member cannot increase its share of capital without all other 4 members agreeing. This was a primary requirement of India.
- The bank will allow new members to join but the BRICS capital share cannot fall below 55%.

13. Which of the following statements is/are true regarding Olive Ridley Turtle?

1. They are smallest and most abundant of all the sea turtle species.
2. They are found both in warmer and colder waters of open sea.
3. Gahirmatha located in the Bhitarkanika Wildlife Sanctuary, Odisha houses the world's largest mass nesting site of these turtles.

Select the correct answer using the code given below.

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

Ans C

Explanation

- Historically, this species has been widely regarded as the most abundant sea turtle in the world
- They are found only in warmer waters of ocean
- The olive ridley sea turtle also known as the Pacific ridley sea turtle, is a medium-sized species of sea turtle found in warm and tropical waters, primarily in the Pacific and Indian Oceans. They can also be found in warm waters of Atlantic ocean
- In the Indian Ocean, the majority of olive ridleys nest in two or three large groups near Gahirmatha in Odisha. The coast of Odisha in India is the largest mass nesting site for the olive ridley, followed by the coasts of Mexico and Costa Rica.

14. Hakki Habba, the bird festival is celebrated in,

- (a) Nagaland
- (b) Karnataka
- (c) Orissa
- (d) Tripura

Ans B

Explanation

- It is a three day bird festival which was held at Daroji Sloth Bear Sanctuary near world famous Hampi in Ballari district, Karnataka

15. Consider the statements regarding Waste to Energy Plant:

1. Plants can be either of Municipal Solid Waste plant or Refuse Derived Fuel plant.
2. Pyrolysis technique can limit the health hazards of waste to energy technique.

Which of the above statements is/are true?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 and 2

Ans C

Explanation

- Waste to energy plant can have two types of municipal solid waste (MSW). One, which burns all the municipal waste and the other, Which burns Refuse Derived Fuel (RDF). RDF is produced from combustible components of MSW removing out components such as glass, etc. The waste is shredded, dried and baled and then burned to produce electricity.
- Induction of technologically advanced plants such as that uses pyrolysis or gasification as the technique which have emissions in permissive limits
-

16. Recently Scientific Corporate Responsibility was mooted during National Science Congress:

1. It launched under Companies Act of 2013.
2. It focusses on improving innovations ecosystem.

Which of the above statements is/are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 and 2

Ans B

Explanation

- It is only advocated by prime minister and not under any act or schemes

17. Consider the statements regarding Ashalim Project:

1. It is a solar power station encircled with 55000 projecting mirrors called Heliostat.
2. It was jointly implemented by India and Israel.

Which of the above statements is/are true?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 and 2

Ans A

Explanation

- The Ashalim power station is a future solar power station to be established in the Negev desert near the kibbutz of Ashalim, (south of the district city of Be'er Sheva) in Israel. The station will provide 121 Megawatt of electricity (2.0% of the Israeli consumption), which makes it the largest of its kind in Israel and 5th largest in the world.
- More than 50,000 computer-controlled heliostats, or mirrors, that track the sun on two axes and reflect sunlight onto a boiler on top of a 250-meter tower. Construction is

underway and the facility is scheduled to be completed in late 2017. When operational, the Ashalim Solar Thermal Power Station will help Israel achieve its goal of having 10 percent of its electricity production from renewable energy sources by 2020.

- India is not a member

18. Consider the statements regarding Central Adoption Resource Authority (CARA):

1. It is a statutory body of Ministry of Women & Child Development
2. It is the nodal body for adoption of Indian children.
3. It deals with inter-country adoptions according to the Hague Convention on Inter-country Adoption

Which of the above statements is/are true?

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

Ans D

Explanation

- It is a statutory body of Ministry of Women & Child Development under Juvenile Justice Act, 2015.
- It is a nodal body for adoption of Indian children.
- It deals in orphan, abandoned or surrendered children.
- It deals with inter-country adoptions according to the Hague Convention on Inter-country Adoption, 1993.

19. Consider the following statement about SEBI.

1. The board of SEBI include representative of Ministry of Law and also from RBI.
2. Promoting investor education is an important function of SEBI.

Which of the above statements is/are true?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 and 2

Ans C

Explanation

- Sebi has representatives from ministry of law and finance. Rbi is also represented in the organisation.

20. In the context of NGT ordering a stay on Pune metro works, consider the following statements about National Green Tribunal (NGT) :

1. National Green Tribunal is a statutory body established by a Government Notification using the powers of Section 3 of the NGT Act 2010.
2. The chairperson of the NGT must be a retired chief justice of India.
3. Supreme Court cannot entertain any appeals against the verdict of NGT.

Which of the statements given above is/are correct?

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

Ans

Explanation

- The tribunal shall consist of a full time chairperson, judicial members and expert members. The minimum number of judicial and expert member prescribed is ten in each category and maximum number is twenty in each category.
- Another important provision included in the law is that the chairperson, if find necessary, may invite any person or more person having specialized knowledge and experience in a particular case before the tribunal to assist the same in that case.
- A judge of the Supreme Court of India or Chief Justice of High Court are eligible to be Chairperson or judicial member of the Tribunal. Even existing or retired judge of High Court is qualified to be appointed as a Judicial Member.
- Supreme court can take appeals on NGT Verdicts

