

Q: Consider the following statement regarding Mi-17 helicopters:

1. It is a Russian origin helicopter now used by IAF.
2. Mishra Dhatu Nigam Limited (MIDHANI) is manufacturing the indigenous armour, which is much lighter and durable than the armour from Russia.
3. It is both military and civilian helicopter.

Choose the correct option from the codes given below:

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

Ans: a

Explanation:

- The Mi-17 helicopters of the Indian Air Force (IAF) are going through a 'desi' makeover.
- The made-in-India armour plates are 40 percent lighter than those imported from Russia.
- Unlike the earlier variants of the Mi-17 helicopter, the latest version – the V5 – comes with Russian clip on, clip off armour.
- However, the indigenous clip on, clip off armour, that are being manufactured by the government-run Mishra Dhatu Nigam Limited (MIDHANI) is much lighter and durable than the armour from Russia.
- Hindustan Aeronautics Limited (HAL) is in the process of coming up with an indigenous medium weight military helicopter that will eventually replace the Mi-17 V5.

Q: Deloitte CXO Sustainability Survey 2023 is related to

- a) Economic issues
- b) Climate Change
- c) Social Sector
- d) Science and Tech

Ans: b

Explanation:

- Climate change has been ranked among the top three issues of concern by CXOs with 75 per cent of those surveyed saying that companies have increased their sustainability investments over the past year, according to the **Deloitte CXO Sustainability Survey 2023**.
- While globally, climate change is a bigger concern than innovation, talent, supply chain and geopolitics, it is second only to economic outlook.

Q: Consider the following statement:

1. States like Rajasthan, Chhattisgarh, Jharkhand and Punjab, Himachal Pradesh has announced its intention to opt for Old Pension Scheme.
2. An old pension scheme (OPS), commonly known as the PAYG scheme.

Choose the correct option from the codes given below:

- a) 1 Only
- b) 2 Only
- c) 1 and 2
- d) None of the above

Ans: c

Explanation:

- The RBI warning has come after more states joined the queue to bring back OPS instead of the National Pension Scheme (NPS). After Rajasthan, Chhattisgarh, Jharkhand and Punjab, Himachal Pradesh has announced its intention to opt for OPS. States have found it convenient to pay old pensioners with the money collected from the serving employees.
- Under the OPS, retired employees received 50 per cent of their last drawn salary as monthly pensions. OPS is considered fiscally unsustainable, and state governments do not have the money to fund it. OPS had no accumulated funds or stock of savings for pension obligations and hence was a clear fiscal burden.
- Interestingly, the scheme is always an attractive dispensation for political parties as the current aged people can benefit from it even though they may not have contributed to the pension kitty.
- An old pension scheme (OPS), commonly known as the PAYG scheme, is defined as an unfunded pension scheme where current revenues fund pension benefits.

Q: Consider the following statement regarding the features of Child Care Leave (CCL):

1. Minimum period for Child Care Leave reduced from mandatory 15 days to 5 days.

2. Special Allowance @ Rs.3000/- p.m. to Women employees with Disability.
3. Special Leave provision made connected to inquiry of sexual harassment.

Choose the correct option from the codes given below:

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

Ans: d

Explanation:

- In continuation of grant of 730 days Child Care Leave (CCL), some new measures have also been taken and those are like an employee on Child Care Leave may be permitted to leave headquarters with the prior approval of appropriate competent authority, the Leave Travel Concession (LTC) may be availed, while an employee is on CCL and can also proceed on foreign travel provided clearances from appropriate competent authorities are taken in advance.
- Moreover, minimum period for Child Care Leave reduced from mandatory 15 days to 5 days and the limit of 22 years in case of disabled child for the purpose of a government servant availing Child Care Leave under the provisions of Rule 43-C of the CCS (Leave) Rules, 1972 has been removed.
- Special Allowance @ Rs.3000/- p.m. to Women employees with Disability has been granted for child care with effect from 01st July, 2022, which will increase by 25% on increase of DA by 50%.
- Special Leave provision made connected to inquiry of sexual harassment, as leave up to a period of 90 days can be availed by an aggrieved female Government Servant, which will be granted during the pendency of the inquiry and the leave granted to the aggrieved female Government Servant under this rule shall not be debited against the leave account.

Q: Consider the following statement regarding the characteristic of ants:

1. Their body temperatures depend on external sources like sunlight.
2. They are often called “ecosystem’s engineers”.
3. They are warm blooded creatures.

Choose the correct option from the codes given below:

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

Ans: a

Explanation:

- The insects are cold-blooded creatures, also called ectotherms.
- Their body temperatures depend on external sources like sunlight. Humans (endotherms), on the other hand, maintain their body temperature without relying on the environment.
- As ants’ body temperature varies with the environment, they are thought to be highly vulnerable to climate changes.
- Ants are often called “ecosystem’s engineers”. These insects move the soil during nest-building and foraging, affecting the level of nutrients in it.