

Q: Consider the following statement regarding Performance Grading Index:

1. It assesses the performance of school education system at the State/UT level.
2. It was first released for the year 2017-18.
3. It is divided into six categories.

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:

- Performance Grading Index (PGI) was first released for the year 2017-18 and so far it has been released up to the year 2020-21.
- It assesses the performance of school education system at the State/UT level by creating an index for comprehensive analysis.
- The aim of PGI 2.0 is to propel States & UTs towards undertaking multi-pronged interventions that will bring about the much-desired optimal education outcomes covering all dimensions.
- The PGI 2.0 structure comprises of 1000 points across 73 indicators grouped into 2 categories viz., Outcomes, Governance Management (GM).
- These categories are further divided into 6 domains, Learning Outcomes (LO), Access (A), Infrastructure & Facilities (IF), Equity (E), Governance Process (GP) & Teachers Education and Training (TE&T).

Q: Consider the following statement regarding Periyar Tiger Reserve (PTR):

1. It is located in the Eastern Ghats.
2. Two main rivers, Pamba and Periyar drain the reserve.
3. It consists of tropical evergreen, semi- evergreen and moist deciduous.

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: b

Explanation:

- Periyar Tiger Reserve (PTR) is located in the Western Ghats of Kerala.
- It was declared a Tiger Reserve in 1978.
- It gets its name from the River Periyar which has its origin deep inside the reserve.
- Two main rivers, Pamba and Periyar drain the reserve.
- It is home to many tribal communities including the Mannans and the Palians.
- Hilly and undulating with a maximum altitude of 2016 m.
- It consists of tropical evergreen, semi- evergreen and moist deciduous.

Q: Consider the following statement regarding Farmers Distress Index:

1. It aims to create an index to minimise the agrarian distress in the form of crop loss / failure and income shock.
2. The first step will be to look for incidence of farmers distress like localised cases of issues with debt repayment.

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:

- Farmers Distress Index aim behind creating such an index is to minimise the agrarian distress in the form of crop loss / failure and income shock.
- The index will try to anticipate this distress and prevent its spread from a few farmers to the village or block level by pre-warning different stakeholders, including central, state, local and also non-government agencies.

- The first step will be to look for incidence of farmers distress like localised cases of issues with debt repayment, death by suicide, pest attacks, drought, floods, migration, among others.
- Following this, contacts of marginal and small farmers or tenant farmers from the area will be collected to conduct telephonic interviews, which will have 21 standardised questions to gauge early signs of distress.

Q: Consider the following statement regarding Atal Innovation Mission:

1. It is a flagship initiative to promote culture of innovation and entrepreneurship in the country.
2. Its objective is to create and promote an ecosystem of innovation and entrepreneurship across the country at school, university, research institutions.
3. Its implementing agency is NITI Aayog

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:

- Atal Innovation Mission is the Government of India's flagship initiative to promote a culture of innovation and entrepreneurship in the country and was set up in 2016.
- Its objective is to create and promote an ecosystem of innovation and entrepreneurship across the country at school, university, research institutions, MSME and industry levels.
- All the initiatives of AIM are currently monitored and managed systematically using real-time MIS systems and dynamic dashboards.
- Its implementing agency is NITI Aayog
- AIM has multiple programs to encourage and support innovation in the country.
- Atal Tinkering Labs, Atal Incubation Centres, Atal New India Challenge, Mentor of Change Program, Atal Community Innovation Centre and Atal Research & Innovation for Small Enterprises (ARISE)

Q: Consider the following statement regarding Naegleria fowleri:

1. It is an amoeba (single-celled living organism) that lives in soil and warm freshwater.
2. It is commonly called the "brain-eating amoeba".
3. It is not a heat-loving organism.

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:

- Naegleria fowleri is an amoeba (single-celled living organism) that lives in soil and warm freshwater, such as lakes, rivers, and hot springs.
- It is commonly called the "brain-eating amoeba".
- Naegleria fowleri is a heat-loving (thermophilic) organism, meaning it thrives in heat and likes warm water. It grows best at high temperatures up to 115°F (46°C) and can survive for short periods at even higher temperatures.