

Q: Consider the following statement regarding Regional Rapid Transit System:

1. It aims to ensure “balanced and sustainable urban development” through better connectivity across the National Capital Region (NCR).
2. It is modelled on systems such as the RER in Paris.
3. It is not an integrated mass transit network.

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:

- Regional Rapid Transit System has semi high-speed rail connectivity at its core; the RRTS is an integrated mass transit network.
- It aims to ensure “balanced and sustainable urban development” through better connectivity and access across the National Capital Region (NCR).
- It is constructed by the National Capital Region Transport Corporation (NCRTC), which is a joint venture company of the Central government and the governments of Delhi, Haryana, Rajasthan, and Uttar Pradesh.
- It is modelled on systems such as the RER in Paris, Regional-Express trains in Germany and Austria, as well as the SEPTA Regional Rail in the United States, among others.

Q: Consider the following statement regarding Someshwara inscription:

1. This inscription is very significant in the study of Chola history.
2. The rest of the inscription written below the panels is in Kannada script.
3. The human figures shown in the inscription represent Kulashekara Alupendra.

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:

- Someshwara inscription is very significant in the study of Tuluva history and culture.
- It has two panels on the top, and in between the two panels, the first line is engraved.
- The rest of the inscription written below the panels is in Kannada script and the language of 12th century characters announcing the death of Alupendra I.
- The human figures shown in the inscription represent Kulashekara Alupendra himself.
- In the first figure, he is shown standing in Tribhanga (tri-bent posture). He holds a sword in his right hand while the left hand rests on a gurani (shield).
- To the left of this panel, divided by a pillar, the King is again shown in a sitting posture on a mound, resting both his palms on the centre of his legs in dhyana mudra.

Q: Consider the following statement regarding Idukki Dam:

1. It is built on the Periyar River.
2. It is the first dam in Asia that is constructed in a double-curvature arch dam type and the second in the world.

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:

- Idukki Dam is located in Kerala, India.
- It is built on the Periyar River.
- It is a 168.91 meter (554 ft) tall arch dam.
- It is one of the highest ten arch dams in the world and the third highest in India after the Tehri Dam (Uttarakhand) and Bhakra Nangal Dam (Himachal Pradesh).
- It is the first dam in Asia that is constructed in a double-curvature arch dam type and the second in the world.
- The dam stands between the two mountains, Kuravanmala (839m) and Kurathimala (925m).
- It supports a 780 MW hydroelectric power station.

Q: Consider the following statement regarding Bhimashankar Temple:

1. It is an ancient Hindu shrine dedicated to Lord Shiva.
2. It is the source of the river Bhima.
3. This sanctuary is a part of the Western Ghats.

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:

- Bhimashankar Temple is an ancient Hindu shrine dedicated to Lord Shiva
- Location: It is located in the Sahyadri hills in the Pune District of Maharashtra.
- It is considered one of the 12 holy Jyotirlinga shrines in India.
- In recent times, Bhimashankar has gained tremendous significance since it was declared a "Wildlife Sanctuary". This sanctuary is a part of the Western Ghats.
- Bhimashankar is the source of the river Bhima.

Q: Consider the following statement Railway Protection Force:

1. It was declared a statutory force in 1957 by an enactment of Parliament.
2. It is led by a director-general.
3. It is an armed force under the operational and administrative control of the Union Ministry of Home.

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 history of the Railway Protection Force (RPF) dates back to 1882, when various Railway companies appointed their own guards for protection of Railway property.
- It was declared a statutory force in 1957 by an enactment of Parliament and subsequently declared as an armed force of the Union of India in the year 1985.
- In 2003, the RPF partially took up the duties of escorting passenger trains and access control at the railway stations".
- It is led by a director-general.
- It is an armed force under the operational and administrative control of the Union Ministry of Railways.
- It is tasked with protecting and securing railway property, the passenger areas, and the passengers themselves.