

November 20, 2018

**Q.1) Consider the following statements with respect to 'Ease of Doing Business Grand Challenge'**

1. The objective of this challenge is to invite innovative ideas based on cutting edge technology to reform Government processes.
2. The platform for the Grand Challenge is the Startup India Portal.

**Select the correct statements**

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

**Q.1) Solution (c)**

The Prime Minister of India launched a Grand Challenge on resolving seven identified Ease of Doing Business problems with the use of cutting edge technologies.

The objective of this challenge is to invite innovative ideas based on Artificial Intelligence, Internet of Things, Big Data Analytics, Blockchain and other cutting edge technology to reform Government processes. The platform for the Grand Challenge is the Startup India Portal.

Source: <http://pib.nic.in/newsite/PrintRelease.aspx?relid=185843>

**Q.2) Consider the following statements with respect to a 'Decision Support System (DSS)'**

1. It is a computer programme that helps in making sound rational decisions using mathematical programming and operation research techniques.
2. It can be used for effective implementation of government schemes

**Select the correct statements**

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

**Q.2) Solution (c)**

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IIT Kharagpur has devised the 'Decision Support System' (DSS) focusing on the 'Pradhan Mantri Ujjwala Yojana' for maximising (optimizing) the number of LPG connections, particularly in below poverty level (BPL) households

A decision support system (DSS) is a computer programme that helps in making sound rational decisions using mathematical programming and operation research techniques.

The DSS mathematical model devised at IIT KGP has found the optimum number of total (BPL) connections required in a region and the number of dealerships that need to be commissioned in a region over the policy time frame

Source: <https://economictimes.indiatimes.com/news/science/iit-researchers-devise-programme-to-maximise-lpg-connections/articleshow/66637738.cms>

**Q.3) Consider the following statements with respect to 'Capital Adequacy ratio (CAR)'**

1. It measures a bank's capital in relation to its risk-weighted assets.
2. CAR of 9% is prescribed under the Basel III norms

**Select the correct statements**

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

**Q.3) Solution (a)**

Under Basel III, the minimum capital adequacy ratio that banks must maintain is 8%. The capital adequacy ratio measures a bank's capital in relation to its risk-weighted assets. The capital-to-risk-weighted-assets ratio promotes financial stability and efficiency in economic systems throughout the world.

Source: <https://economictimes.indiatimes.com/markets/stocks/news/pathsala-capital-adequacy-under-basel-iii/articleshow/62150112.cms>

**Q.4) Which of the following are examples of 'slash and burn' agriculture?**

1. Conuco
2. Roca

3. Masole

Select the correct code:

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

**Q.4) Solution (d)**

The 'slash and burn' agriculture is known as 'Milpa' in Mexico and Central America, 'Conuco' in Venezuela, 'Roca' in Brazil, 'Masole' in Central Africa, 'Ladang' in Indonesia, 'Ray' in Vietnam.

In India, this primitive form of cultivation is called 'Bewar' or 'Dahiya' in Madhya Pradesh, 'Podu' or 'Penda' in Andhra Pradesh, 'Pama Dabi' or 'Koman' or 'Bringa' in Odisha, 'Kumari' in Western Ghats, 'Valre' or 'Waltre' in South-eastern Rajasthan, 'Khil' in the Himalayan belt, 'Kuruwa' in Jharkhand, and 'Jhumming' in the North-eastern region.

**Q.5) The term 'Economic Capital Framework (ECF)' was in news recently in the context of**

- a) Reserve Bank of India (RBI)
- b) World Trade Organisation (WTO)
- c) Ease of Doing Business
- d) MSMEs

**Q.5) Solution (a)**

Source: <https://www.livemint.com/Politics/56LV5g5ikPhDHQFiW6LreO/Expert-panel-on-RBIs-capital-framework-to-be-set-up-soon-s.html>