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## Q.1) Mission Lucy and Mission Psyche is concerned with

- a) Asteroids
- b) Mars
- c) Moon
- d) None of the above

#### Q.1) Solution (a)

The Lucy mission — named for a famous, critical hominin fossil set found in Ethiopia in 1974 — will involve sending a robotic spacecraft to study Jupiter's so-called Trojan asteroids. These are thought to be relics of a much earlier era in the history of the solar system.

Psyche mission aims to explore a huge, one-of-a-kind metal asteroid, called 16 Psyche, that is about three times farther away from the sun than the Earth is.

Most asteroids are rocky or icy but this one is thought to be mostly of iron and nickel, like the Earth's core.

In News - <a href="http://www.livemint.com/Science/qe7dSeoLqP0HlM1eVJyDWO/Nasa-announces-2-missions-to-study-early-solar-system.html">http://www.livemint.com/Science/qe7dSeoLqP0HlM1eVJyDWO/Nasa-announces-2-missions-to-study-early-solar-system.html</a>

# Q.2) Consider the following statements about Telecom Disputes Settlement and Appellate Tribunal (TDSAT)

- 1. It has been set up under Section 14 of the Telecom Regulatory Authority of India Act, 1997 by TRAI (Amendment) Act, 2000
- 2. It was established to adjudicate disputes and dispose of appeals with a view to protect the interests of service providers and consumers of the telecom sector and to promote and ensure orderly growth of the telecom sector.

#### Which of the following statements is/are correct?

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

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## Q.2) Solution (c)

By the Amendment Act an Appellate Tribunal known as the "Telecom Disputes Settlement & Appellate Tribunal" has been set up under Section 14 of the Telecom Regulatory Authority of India Act, 1997 by TRAI (Amendment) Act, 2000") to adjudicate disputes and dispose of appeals with a view to protect the interests of service providers and consumers of the telecom sector and to promote and ensure orderly growth of the telecom sector.

The functions of the appellate tribunal are to adjudicate any dispute between a licensor and licensee, between two or more service providers, between a service provider and a group of consumers, and to hear and dispose of appeals against any decision or order of TRAI, the appellate tribunal consists of Chairperson and two Members.

In News - <a href="http://economictimes.indiatimes.com/news/economy/policy/decide-on-jio-case-within-a-reasonable-time-tdsat-to-trai/articleshow/56380293.cms">http://economictimes.indiatimes.com/news/economy/policy/decide-on-jio-case-within-a-reasonable-time-tdsat-to-trai/articleshow/56380293.cms</a>

## Q.3) Consider the following statements about 'Larsen Ice Shelf'

- 1. It is a series of three shelves
- 2. It is a long, fringing ice shelf in the Arctic Ocean
- 3. Larsen A is the largest which is poised to break off

#### Which of the following statements is/are correct??

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

#### Q.3) Solution (b)

The Larsen Ice Shelf is a long, fringing ice shelf in the northwest part of the Weddell Sea, extending along the east coast of the Antarctic Peninsula from Cape Longing to the area just southward of Hearst Island. It is named for Captain Carl Anton Larsen, the master of the Norwegian whaling vessel Jason, who sailed along the ice front as far as 68°10' South during December 1893. In finer detail, the Larsen Ice Shelf is a series of three shelves that occupy (or occupied) distinct embayments along the coast. From north to south, the three segments are called Larsen A (the smallest), Larsen B, and Larsen C (the largest) by researchers who work in the area.

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In News - <a href="http://economictimes.indiatimes.com/news/environment/global-warming/huge-antarctic-ice-block-set-to-break-off-scientists/articleshow/56392080.cms">http://economictimes.indiatimes.com/news/environment/global-warming/huge-antarctic-ice-block-set-to-break-off-scientists/articleshow/56392080.cms</a>

## Q.4) Which of the following committee has been constituted to draft National Sports Development Code

- a) Vijay Kelkar Committee
- b) Shanta Kumar Committee
- c) Nanavati Commission
- d) Injeti Srinivas Committee

## Q.4) Solution (d)

The committee will be headed by Sports Secretary Injeti Srinivas

To make recommendations for bringing out a comprehensive National Sports Development Code across all disciplines

It will study issues related to sports governance, including court judgments and best international practices

Former Olympic champion Abhinav Bindra, legendary badminton player Prakash Padukone and athlete Anju Bobby George are a part of the nine-member government panel

International hockey federation (FIH) president Narinder Batra, gymnast Dipa Karmakar's coach Bishweshwar Nandi, lawyer Nandan Kamath and The Hindu sports journalist Vijay Lokapally are also a part of the committee. The Joint Secretary Sports (MYAS) is the ninth member

In News - <a href="http://www.thehindu.com/news/national/Govt.-constitutes-panel-to-draft-National-Sports-Development-Code/article16993002.ece">http://www.thehindu.com/news/national/Govt.-constitutes-panel-to-draft-National-Sports-Development-Code/article16993002.ece</a>

#### Q.5) Consider the following statements about Central Statistics Office (CSO)

- The National Accounts Division (NAD) of CSO is responsible for the preparation of national accounts, which includes Gross Domestic Product, Government and Private Final Consumption Expenditure, Fixed Capital Formation and other macro-economic aggregates.
- 2. The Economic Statistics Division (ESD) of CSO conducts Economic Censuses and Annual Surveys of Industries (ASI), compiles All India Index of Industrial

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- Production(IIP), Energy Statistics and Infrastructure Statistics, and develops classifications like, National Industrial Classification (NIC) and National Product Classification (NPC)
- 3. Coordination and Publications Division (CAP) of CSO is a nodal Division for administering the Collection of Statistics Act, 2008 and coordination of follow-up on the implementation of recommendations of NSC recommendations

#### Which of the following statements is/are correct?

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

## Q.5) Solution (d)

The Central Statistics Office coordinates the statistical activities in the country and evolves statistical standards. It is headed by a Director General assisted by 5 Additional Director Generals. CSO has the following Divisions:

National Accounts Division (NAD): This Division is responsible for the preparation of national accounts, which includes Gross Domestic Product, Government and Private Final Consumption Expenditure, Fixed Capital Formation and other macro-economic aggregates. The Division brings out an annual publication, titled "National Accounts Statistics", containing these statistics. Other important activities of the Division are: (i) preparation of quarterly estimates of Gross Domestic Product (GDP) at current and constant prices, (ii) estimation of Capital Stock and Consumption of Fixed Capital, (iii) estimation of State-wise Gross Value Added and Gross Fixed Capital Formation of supra-regional sectors of Railways, Communication, Banking & Insurance and Central Government Administration (iv) Input-Output Transaction Tables (IOTT) and (v) preparation of comparable estimates of State Domestic Product (SDP).

**Social Statistics Division (SSD):** This Division is entrusted with Statistical monitoring of the Millennium Development Goals, Environmental Economic Accounting, Grant-in-aid for research, workshop/seminars/conferences in Official/Applied Statistics, National/International awards for Statisticians, National Data Bank (NDB) on socio-religious categories, Basic Statistics for Local Level Development (BSLLD) Pilot scheme, Time-use survey and release of regular and ad-hoc statistical publications.

**Economic Statistics Division (ESD):** This Division conducts Economic Censuses and Annual Surveys of Industries (ASI), compiles All India Index of Industrial Production (IIP), Energy

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Statistics and Infrastructure Statistics, and develops classifications like, National Industrial Classification (NIC) and National Product Classification (NPC)

**Training Division:** This Division is primarily responsible for the training manpower in theoretical and applied statistics to tackle the emerging challenges of data collection, collation, analysis and dissemination required for evidence based policy making as also for planning, monitoring and evaluation. The Division also looks after the National Statistical Systems Training Academy (NSSTA), which is a premier Institute fostering human resource development in official statistics in India as well as at international level, particularly amongst developing and SAARC countries.

Coordination and Publications Division (CAP): The Division looks after co-ordination work within CSO as well as with the line Ministries and State/UT Governments in statistical matters, organizes Conference of Central and State Statistical Organizations (COCSSO) and 'Statistics Day' every year, prepares Results Framework Document (RFD), Citizens'/Clients' Charter and Annual Action Plan, Outcome Budget and Annual Plan of the Ministry. The Division is also responsible for implementation of Capacity Development Scheme and Support for Statistical Strengthening (SSS), a Central Sector Scheme aimed at improving the Statistical Capacity and Infrastructure of the State Statistical System for Collecting, Compiling and Disseminating relevant and reliable official statistics for policy making and to promote their usage at the State/District and Block Levels. It is a nodal Division for administering the Collection of Statistics Act, 2008 and coordination of follow-up on the implementation of recommendations of NSC recommendations. The administrative work relating to Indian Statistical Institute (ISI) is also looked after by CAP Division.

In News - <a href="http://www.hindustantimes.com/business-news/gdp-estimates-out-today-why-note-ban-might-not-have-an-impact/story-8IVLvB5Tu6rTz6Ln7O5LAO.html">http://www.hindustantimes.com/business-news/gdp-estimates-out-today-why-note-ban-might-not-have-an-impact/story-8IVLvB5Tu6rTz6Ln7O5LAO.html</a>