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### Q.1) Consider the following statements about WIPO Copyright Treaty (WCT)

1. It is a special agreement under the Berne Convention
2. It has provisions to extend the protection of copyrights contained therein to the digital environment
3. It grants the right of distribution and the right of rental

#### Select the correct statements

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

#### Q.1) Solution (d)

WIPO Copyright Treaty came in force on March 6, 2002 and has been adopted by 96 contracting parties till date and is A Special agreement under Berne Convention (for protection of literary and artistic works). It has provisions to extend the protection of copyrights contained therein to the digital environment. Further it recognises the rights specific to digital environment, of making work available, to address "on-demand" and other interactive modes of access,

As to the rights granted to authors, apart from the rights recognized by the Berne Convention, the Treaty also grants: (i) the right of distribution; (ii) the right of rental; and (iii) a broader right of communication to the public.

Read More - [http://www.wipo.int/treaties/en/ip/wct/summary\\_wct.html](http://www.wipo.int/treaties/en/ip/wct/summary_wct.html)

Source: <http://pib.nic.in/newsite/PrintRelease.aspx?relid=180389>

### Q.2) Consider the following statement about 'Beijing Treaty on Audio-visual Performances'

1. It is a multilateral treaty which regulates copyright for audio-visual performances and expands the performers' rights.
2. India has recently ratified the treaty

#### Select the correct statements

1. 1 Only
2. 2 Only

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3. Both 1 and 2
4. Neither 1 nor 2

### Q.2) Solution (a)

The Beijing Treaty on Audiovisual Performances is a multilateral treaty which regulates copyright for audiovisual performances and expands the performers' rights. It was adopted on 26 June 2012 by the Diplomatic Conference on the Protection of Audiovisual Performances of the World Intellectual Property Organization.

Read More - [http://www.wipo.int/treaties/en/ip/beijing/summary\\_beijing.html](http://www.wipo.int/treaties/en/ip/beijing/summary_beijing.html)

Source: <http://pib.nic.in/newsite/PrintRelease.aspx?relid=180389>

### Q.3) Consider the following statements about 'Stree Swabhiman' initiative

1. It is under the aegis of Ministry of Health
2. Under the initiative, sanitary napkin micro manufacturing units are being set up at Common Services Centres (CSCs) across India, particularly those operated by women entrepreneurs

### Select the correct statements

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

### Q.3) Solution (b)

#### Stree Swabhiman

- Concerned Ministry - Ministry of Electronics & IT
- It aims to create a sustainable model for providing adolescent girls and women an access to affordable sanitary products by leveraging CSCs.
- An initiative by CSC on women's health and hygiene
- Under the 'Stree Swabhiman' project, sanitary napkin micro manufacturing units are being set up at CSCs across India, particularly those operated by women entrepreneurs.

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- Besides promoting women's health and hygiene, the initiative will also provide employment opportunities to women in rural communities as each facility will employ 8-10 women.

Source: <http://pib.nic.in/newsite/PrintRelease.aspx?relid=180404>

**Q.4) Which of the following statements about 'Khan Prahari' App is/are correct?**

1. It is a tool for reporting any illegal coal mining incident
2. It is done through geotagged photographs as well as textual information by any individual

**Select the correct statements**

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

**Q.4) Solution (c)**

Coal Mine Surveillance & Management System (CMSMS) uses information provided by responsible citizens using smartphones using the mobile application "Khan Prahari". Khan Prahari is a tool for reporting any activity taking place related to illegal coal mining like rat hole mining, pilferage etc. One can upload geo-tagged photographs of the incident along with textual information directly to the system. Hence, both satellite data and human information will be used to capture information on the unauthorised mining activities.

Source: <http://pib.nic.in/newsite/PrintRelease.aspx?relid=180416>

**Q.5) Consider the following statements**

1. 'DNA profiling' is a forensic technique used to identify individuals by characteristics of their DNA
2. Short tandem repeats (or STRs) are regions of non-coding DNA that contain repeats of the same nucleotide sequence

**Select the correct statements**

- a) 1 Only

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- b) 2 Only
- c) Both 1 and 2
- d) Neither 1 Nor 2

### Q.5) Solution (c)

DNA profiling is a forensic technique used to identify individuals by characteristics of their DNA. A DNA profile is a small set of DNA variations that is very likely to be different in all unrelated individuals, thereby being as unique to individuals as are fingerprints (hence the alternate name for the technique).

One of the current techniques for DNA profiling uses polymorphisms called short tandem repeats.

Short tandem repeats (or STRs) are regions of non-coding DNA that contain repeats of the same nucleotide sequence.

For example, GATAGATAGATAGATAGATAGATA is an STR where the nucleotide sequence GATA is repeated six times.

STRs are found at different places or genetic loci in a person's DNA.

Source: <https://www.thehindu.com/news/national/union-cabinet-clears-dna-profiling-bill/article24333036.ece>

