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Q.1) Consider the following statements about 'Ambubachi Mela'

1. It is associated with attainment of womanhood of girls
2. It is celebrated in Kamakhya temple in Assam

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 attainment of womanhood of girls in Assam is celebrated with a ritual called 'Tuloni Biya', meaning small wedding. Ambubachi Mela is also an occasion to promote awareness on menstrual hygiene.

Kamakhya, atop Nilachal Hills in Guwahati, is one of 51 shaktipeeths or seat of Shakti followers, each representing a body part of the Sati, Lord Shiva's companion. The temple's sanctum sanctorum houses the yoni — female genital — symbolised by a rock.

Source: <http://www.thehindu.com/news/national/other-states/celebrating-the-goddess-who-bleeds/article24234722.ece>

Q.2) Consider the following statements

1. Deobandi movement developed as a reaction to the British colonialism which was seen by a group of Muslim Indian scholars
2. 'Jamiat Ulema-e-Hind' has propounded a theological basis for its nationalistic philosophy
3. 'Jamiat Ulema-e-Hind' was formed in 1886 by Sir Syed Ahmad Khan

Select the correct statements

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

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Q.2) Solution (b)

The Deobandi movement developed as a reaction to the British colonialism which was seen by a group of Indian scholars — consisting of Rashid Ahmad Gangohi, Muhammad Yaqub Nanautawi, Shah Rafi al-Din, Sayyid Muhammad Abid, Zulfiqar Ali, Fadhl al-Rahman Usmani and Muhammad Qasim Nanotvi — to be corrupting Islam.

Jamiat Ulema-e-Hind is one of the leading Islamic organizations in India. It was founded in British India in 1919 by Abdul Mohasim Sajjad, Qazi Hussain Ahmed, Ahmed Saeed Dehlvi, and Mufti Muhammad Naeem Ludhianvi and the most importantly Mufti Kifayatullah who was elected the first president of Jamiat and remained in this post for 20 years. The Jamiat has propounded a theological basis for its nationalistic philosophy. Their thesis is that Muslims and non-Muslims have entered upon a mutual contract in India since independence, to establish a secular state. The Constitution of India represents this contract.

Source: <http://www.thehindu.com/news/national/century-not-out-jamiat-still-bats-for-an-india-with-a-composite-culture/article24242019.ece>

Q.3) Consider the following statements about 'DART Mission'

1. It is a planetary defence-driven test of one of the technologies for preventing the Earth impact of a hazardous asteroid
2. It will target the smaller "moonlet" of a binary asteroid called Didymos
3. It is conceptualised by European Space Agency (ESA)

Select the correct statements

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

Q.3) Solution (a)

Double Asteroid Redirection Test (DART) is a proposed space probe that would demonstrate the kinetic effects of crashing an impactor spacecraft into an asteroid moon for planetary defence purposes. The mission is intended to test whether a spacecraft impact could successfully deflect an asteroid on a collision course with Earth.

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The goal of this mission is to impact the smaller “moonlet” of a binary asteroid called Didymos, to learn how well we may be able to alter the course of a future killer rock.

Source: <https://www.livemint.com/Science/em8B8ybmQkukXWI95SmAZO/Nasa-unveils-program-to-defend-Earth-from-asteroid-attack.html>

Q.4) Germany is NOT bordered by

1. Denmark
2. Switzerland
3. Croatia
4. Czech Republic

Select the appropriate code:

- a) 1 and 4
- b) 3 Only
- c) 2 and 3
- d) 1 and 2

Q.4) Solution (b)



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Q.5) Which of the following statements is/are correct?

- UNISPACE+50 marks the fiftieth anniversary of the first United Nations Conference on the Exploration and Peaceful Uses of Outer Space
- UN-SPIDER is a programme of the United Nations Office for Outer Space Affairs (UNOOSA)
- Both (a) and (b)
- Neither (a) nor (b)

Q.5) Solution (c)

UNISPACE+50

- From 20 to 21 June 2018 the international community gathered in Vienna for UNISPACE+50, a special segment of the 61st session of the Committee on the Peaceful Uses of Outer Space (COPUOS).
- UNISPACE+50 will celebrate the fiftieth anniversary of the first United Nations Conference on the Exploration and Peaceful Uses of Outer Space.
- The shared goal for UNISPACE+50 is to build, together with all stakeholders, a comprehensive Space2030 agenda for the contribution of space activities to the achievement of the Sustainable Development Goals, addressing overarching, long-term development concerns, and which is based on the peaceful exploration and uses of outer space

Since 1968, the United Nations has held three conferences on the exploration and peaceful uses of outer space:

- UNISPACE I, Vienna, 1968
- UNISPACE II, Vienna, 1982
- UNISPACE III, Vienna, 1999

United Nations Platform for Space-based Information for Disaster Management and Emergency Response (UN-SPIDER)

- UN-SPIDER is a programme of the United Nations Office for Outer Space Affairs (UNOOSA), with offices in Vienna, Beijing and Bonn.
- It develops solutions to address the limited access developing countries have to specialized technologies that can be essential in the management of disasters and the reducing of disaster risks.

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- It is UN-SPIDER's mandate to enable developing countries to use all types of space-based information in all phases of the disaster management cycle including prevention, preparedness, early warning, response and reconstruction.

Source: <http://www.thehindu.com/sci-tech/science/india-to-teach-satellite-tech-to-students-from-abroad/article24234441.ece>

