

1. The Ministry of Health and Family Welfare has recently released a National Policy on Thalassemia. What is 'thalassemia' related to?
 - (a) Anaemia
 - (b) HIV
 - (c) Tobacco Control
 - (d) Surrogacy
2. Government of India has voluntarily contributed to various UN Funds and Programmes at the UN Pledging Conference for the year 2017. Consider the following funds and the Ministry/Department that made contribution to that fund.
 1. UNDP: Ministry of Social Justice and Empowerment
 2. UNICEF: Ministry of Women & Child Development
 3. United Nations Population Fund (UNFP): Ministry of Health & Family Welfare
 4. UNEP: Ministry of Environment, Forest and Climate Change
 Select the correct answer using the codes below.
 - (a) 1 and 4 only
 - (b) 2, 3 and 4 only
 - (c) 2 and 3 only
 - (d) 1 and 2 only
3. Consider the following statements.
 1. Ursa Major constellation is most clearly visible from Southern Hemisphere as against a partial obstruction from Northern Hemisphere.
 2. Pole Star is a rough indicator of the direction toward the geographic north pole.
 Which of the above is/are correct?
 - (a) 1 only
 - (b) 2 only
 - (c) Both 1 and 2
 - (d) None
4. Ministry of Health & Family Welfare and Ministry of Women and Child Development have jointly developed Mother and Child Protection card. Consider the following about it.
 1. Every pregnant woman is to be given this Card at the time of registration of pregnancy in all public or private health facilities.
 2. The card would help monitor stages of child development and growth till three years of age.
 Which of the above is/are correct?
 - (a) 1 only
 - (b) 2 only
 - (c) Both 1 and 2
 - (d) None
5. India and Bangladesh have agreed to develop round the year navigation of Sirajganj – Daikhowa stretch of Jamuna River. This has the potential to
 1. Facilitate critical connectivity between National Waterways related to rivers Ganga and Brahmaputra
 2. Stop all flood occurrences in the states of Bihar, Jharkhand and Odisha
 Which of the above is/are correct?
 - (a) 1 only
 - (b) 2 only
 - (c) Both 1 and 2
 - (d) None

6. In many areas, the introduction of Green Revolution was associated with
 1. Loss of soil fertility
 2. Depletion of groundwater table
 3. Widespread fungal infections in surrounding crops
 4. Reduction of Seed replacement ratio to zero
 Select the correct answer using the codes below.
 - (a) 1, 2 and 4 only
 - (b) 3 and 4 only
 - (c) 1 and 2 only
 - (d) 1, 2, 3 and 4
7. The magnetic compass is the most familiar compass type. However, recently Gyrocompass is also being used as a modern compass. What is/are its advantages over a magnetic compass?
 1. They are able to find the true north, as opposed to magnetic north.
 2. They are not affected by ferromagnetic metal as they do not require electricity to operate.
 Which of the above is/are correct?
 - (a) 1 only
 - (b) 2 only
 - (c) Both 1 and 2
 - (d) None
8. With reference to planets of the solar system and their orbital characteristics, consider the following matches:
 1. Uranus: Made entirely of rocks
 2. Saturn: Longest spin time on own axis
 3. Mars: Highest number of Moons
 4. Mercury: Shortest orbital period around Sun
 Select the correct answer using the codes below.
 - (a) 1, 3 and 4 only
 - (b) 4 only
 - (c) 2 only
 - (d) 1 and 3 only
9. He worked on the approximation for pi and found out the area of a right-angled triangle. He also worked on the motions of the solar system and calculated the length of the solar year correctly. A legendary mathematician of the Gupta Era, he is
 - (a) Brahmagupta
 - (b) Aryabhatta
 - (c) Varahamihira
 - (d) Yativr̥ṣabha
10. North America is linked to South America by
 - (a) A very narrow Isthmus of Panama
 - (b) A sea overbridge constructed by the USA government
 - (c) Only air and ship travel through coastal regions
 - (d) An international highway constructed jointly by Mexico and Brazil
11. Government has approved formation of a Rail Development Authority (RDA) comprising Chairman and three Members. Consider the following reference to it.
 1. RDA will decide pricing of major rail services commensurate with costs.
 2. It will suggest measures for enhancement of Non-Fare Revenue.

3. RDA will focus on protection of consumer interests by ensuring quality of service and cost optimization.
 4. It will approve non-discriminatory open access to the Dedicated Freight Corridor (DFC) infrastructure for all MNCs
- Select the correct answer using the codes below.
- (a) 1, 2 and 3 only
 - (b) 2 and 3 only
 - (c) 1 and 4 only
 - (d) 2, 3 and 4 only
12. The mid-day sun is exactly overhead at least once a year on
 - (a) All latitudes excluding the polar latitude
 - (b) All latitudes in between the Tropic of Cancer and the Tropic of Capricorn
 - (c) Only the equator
 - (d) All latitudes beyond both tropics
 13. Indian Army is planning to have a total of five regiments of Medium Range Surface to Air Missiles (MRSAM) defence system. Consider the following with reference to it.
 1. It is an amphibian system.
 2. It is capable of engaging multiple aerial targets.
 3. It is a mobile all-weather system.
 4. It will be deployed opposite to China and Pakistan.

Select the correct answer using the codes below.

 - (a) 2, 3 and 4 only
 - (b) 1, 2 and 4 only
 - (c) 3 only
 - (d) 1, 2, 3 and 4
 14. Tropic of cancer does NOT pass through which of these Indian states?
 - (a) Gujarat
 - (b) Rajasthan
 - (c) Madhya Pradesh
 - (d) Bihar
 15. Welfare schemes for textile workers are being implemented by the Ministry of Textiles in which of the following areas?
 1. Health and accident insurance of weavers and artisans
 2. Credit Guarantee Fund for Micro and small enterprises for the coverage of handicraft artisans
 3. Mudra loan for Handicraft Artisans in line with Pradhan Mantri Mudra Yojana

Select the correct answer using the codes below.

 - (a) 1 only
 - (b) 2 and 3 only
 - (c) 3 only
 - (d) 1, 2 and 3

ANSWER KEYS

01 a 02 b 03 b 04 b 05 a 06 c 07 a 08 b 09 b 10 a
11 b 12 b 13 a 14 d 15 d

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