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SCIENCE AND TECHNOLOGY

Target 2020 DAILY TEST SERIES - Test 05

1. Recently during January 2018, sky gazers around the world had enjoyed a triple treat by witnessing a rare celestial event, "Super Blue Blood Moon". With respect to this rare phenomenon which one among the following statement is correct?
- (a) It occurs when the moon in the circular orbit comes close to the orbit of the earth.
 - (b) It is subjected to be free from the occurrence of eclipses.
 - (c) This event takes place during the second new moon day that comes in the same calendar month.
 - (d) On occurrence of this event Earth tends to occupy the centre position between the Sun and the Moon.

Answer: d

2. Consider the following pairs:

Space Missions		Mission objective
1. MESSENGER	:	Titan's Hydrology
2. DART	:	Dark matter analysi
3. TESS	:	Exoplanet surge
4. InSight	:	Martian seismology

Which of the above given pairs is/are correctly matched?

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- (a) 2 and 3 only
- (b) 3 and 4 only
- (c) 1, 2 and 4 only
- (b) 2, 3 and 4 only

Answer: c

3. Which among the following statement is correct regarding to “INS ARIHANT”?
- 1. It's an indigenous nuclear powered fifth generation submarine.
 - 2. It has an Air Independent propulsion technology that makes it to operate with greater stealth capacity.
 - 3. Its the only submarine that satisfies the nuclear triad status for India.
 - 4. It's capable to handle sagarika and Shaurya missiles.

Select the correct answer by using the codes given below:

- (a) 1 and 3 only
- (b) 2 and 4 only
- (c) 3 and 4 only
- (d) 1,2,3and 4

Answer: a

4. The BBIN initiative (Bangladesh, Bhutan, India and Nepal) mainly focuses on which of the following objectives?
- 1. Seamless Passenger Vehicle Movement
 - 2. Conducting joint military exercises against terrorism.
 - 3. Establishment of Free Trade Area and common currency market.

Select the correct answer using the codes given below.

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

Answer: a

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5. Which of the following tasks is/ are mandated under the Clean Energy Research Initiative of the Department of Science and Technology?
1. To encourage the import of Technologies producing Clean Energy.
 2. To develop critical mass of researchers to meet requirement of R&D professionals for clean energy.
 3. To export the clean energy produced domestically for earning the Forex reserves.

Select the correct answer using the codes given below.

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

Answer: c