

DIVISION CUP 5.0

Section 1: COEP MindSpark (2 marks each)

1) In which year was COEP Boat Club established?

- a) 1942 b) 1922 c) 1928 d) 1936

2) Which of the following are not the alumni of COEP?

- a) Rajiv Bajaj b) Sumant Moolgaokar
c) Gaur Gopal Das d) Jagdish Chandra Mahindra

3) What is the social initiative of MindSpark called? PAAKHI

4) Which is the second oldest department in COEP?

- a) Mechanical b) Civil c) Electrical d) Manufacturing

5) What is the name of the satellite launched by COEP students in association with ISRO in 2016? SWAYAM

Section 2: Science and Technology(2 marks each)

1) Of the following Indian satellites, which one is intended for long-distance telecommunications for transmitting TV programs?

- a) Aryabhata b) INSAT A c) Rohini d) Bhaskara

2) Two electric bulbs have resistances in the ratio 1:2. If they are joined in series, the energy consumed in them is in the ratio.

- a) 2:1 b) 1:2 c) 4:1 d) 1:1

3) A channel for communicating across a boundary between two or more subsystem is known as

- a) path b) Walk through c) Act gram d) Interface

4) A nuclear reaction where the nucleus of an atom splits into smaller parts is known as? FISSION

5) Which company has completed the acquisition of smart wearable company Fitbit?

- a) Google b) Amazon c) Tesla d) Apple

6) Google is set to launch its second cloud region in which Indian city?

- a) Mumbai b) Chennai c) Bengaluru d) Delhi

7) Which global technology company recently announced a \$1 million grant to promote news literacy in India?

- a) Facebook b) Microsoft c) Google d) Apple
- 8) The first web browser invented in 1990
- a) Internet Explorer b) Mozilla c) Google Chrome d) Nexus
- 9) Which telecom company has become the first one in India to demonstrate the operation of the 5G network?
- a) Jio b) Vodafone c) Airtel d) BSNL
- 10) Which country first started the use of UPI?
- a) America b) India c) Russia d) China

Section 3: General Knowledge (1 mark each)

- 1) Who was the first Indian woman to win the Miss World Title?
- a) Aishwarya Rai b) Sushmita Sen c) Reita Faria d) Diya Mirza
- 2) Who built the Jama Masjid?
- a) Jahangir b) Akbar c) Imam Bukhari d) Shah Jahan
- 3) The largest tiger reserve in India is _____.
- a) Pench b) Manas c) Nagarjunsagar-Srisailem d) Tadoba
- 4) Which is India's permanent research station in Antarctica?
- a) Ganga b) Agni c) Maitri d) None of the above
- 5) Where is the headquarters of Central Institute for Cotton Research located?
- a) Nagpur b) Coimbatore c) Chennai d) Sirsa

Section 4: Series and Movies (1 mark each)

- 1) This mathematical surface is a "one-sided non-orientable surface" constructed by joining a piece of paper with a half twist. It's well known for its appearance in the movie Infinity War. ID the mathematical shape.
- a) Klein bottle b. Mobius Strip c. vision's Knot d. Marvin's Hanckle
- 2) The third generation of IRON MAN SUITS are made up from which technology?
- Nanotech/technology
 Bonus points for guessing the alloy. Gold-Titanium Alloy.
- 3) In "Finding Nemo", what colour do Bruce's eyes turn when he smells Dory's blood? - Black
- 4) What do the Men in Black wear to protect themselves from neutralizers? - Sunglasses
- 5) Who was responsible for King T'Chaka's death in Captain America: The civil war? - Baron Zemo