

SCIENCE & TECH BASED INDIAN GENERAL AWARENESS MCQ PRACTICE QUESTIONS AND ANSWERS PDF WITH EXPLANATION

For All Competitive SSC, Bank, IBPS, UPSC, Railway, IT & Other Govt. Exams

Created By [Careericons](#) Team

Q1. Which of the following statements are **correct** regarding INS Arihant?

- It is India's first indigenously designed and built nuclear submarine.
- It will be powered by thorium fuel.
- It is capable to launch K-4 missiles, which have range upto 500 km.

Codes:

- a) 1 and 3 only
 - b) 2 and 3 only
 - c) 1 only
 - d) None of these
-

Q2. Which one of the following refers to the first nuclear reactor of India ?

- a) Urvashi
 - b) Kamini
 - c) Apsara
 - d) Rohini
-

Q3. In the case of the nuclear disaster which of the following options for cooling the nuclear reactors may be adopted?

- Pumping of water to the reactors.
- Use of boric acid.
- Taking out the fuel rods and keeping them in a cooling pond.

Select the **correct** answer using the code given below

- a) 1 and 2
- b) 2 and 3
- c) 1, 2 and 3

d) 3 only

Q4. ISRO launched the world's first satellite dedicated to education, the EDUSAT in the month of

- a) July 2004
- b) September 2004
- c) August 2004
- d) June 2004

5000+ FREE INDIAN GENERAL AWARENESS MCQ QUESTION BANK FOR ALL SSC, UPSC, BANK, RAILWAY EXAMS

[Free Practice MCQs »](#)

[Download More PDF »](#)

[Free Online Quiz »](#)

Q5. Consider the following Statements:

- China has launched Yaogan-26 a remote sensing satellite.
- It will mainly be used for scientific experiments, land surveys, crop yield estimates and disaster prevention.
- China launched Yaogan-1, first satellite in the Yaogan series in 2006.

Which of the statements given above is/are correct?

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

Q6. India was affected by the cyber spying campaign called

- a) Black October
 - b) Black September
 - c) Red October
 - d) Red September
-

Q7. Which one of the following pairs is **incorrect**?

- a) Cosmid - A vector for carrying large DNA fragments into host cells
 - b) Plasmid - small piece of extrachromosomal DNA in bacteria
 - c) Interferon - an enzyme that interferes with DNA replication
 - d) Myeloma - antibody producing tumour cells.
-

Q8. The US Department of Energy's Brookhaven National Laboratory in New York an attempt to understand cosmic history used a giant atom smasher and has generated a temperature of

- a) 85 billion degrees celsius
 - b) 4 trillion degrees celsius
 - c) 2.5 trillion degrees celsius
 - d) 52 billion degrees celsius
-

Q9. Consider the following statements.

- 45th Navy Day was observed on 4th December 2015.
- Chief of Naval staff Robin K Dhowan along with Air Chief Marshal Arup Raha and Army Chief General Dalbir Singh Suhag paid tributes to martyrs at the Amar Jawan Jyoti in New Delhi.
- Every year Indian Navy celebrates Navy Day on December 4 to commemorate the success of the Operation Talwar of 1971 India-Pakistan War.

Which of the above statements is/are correct?Codes:

- a) 3 only
 - b) 2 only
 - c) 1 only
 - d) None of them
-

Q10. Which bank has launched India's first contactless debit and credit cards?

- a) HDFC
- b) HSBC
- c) ICICI Bank

d) Axis bank

Q11. The period of revolution of a geostationary satellite is

- a) 30 days
 - b) changing continuously
 - c) 365 days
 - d) 24 hours
-

Q12. The Industrial Revolution has led to

- a) Increased pollution
- b) Ecological balance
- c) Conservation of wild life
- d) Conservation of forests

1000+ FREE SCIENCE & TECH BASED QUESTIONS AND ANSWERS FOR ALL COMPETITIVE EXAMS

[Free Practice MCQs »](#)

[Download More PDF »](#)

[Free Online Quiz »](#)

Q13. Consider the following statements about Jaitapur Project:

- It will be India's largest Atomic Reactor in terms of power generation.
- The plant was set up in collaboration with French state controlled nuclear engineering firm Areva S.A and Indian state owned nuclear operator Nuclear Power Corporation of India.

Which of the above statement are / is true?

- a) 1 and 2 both
 - b) None
 - c) 2 only
 - d) 1 only
-

Q14. Delhi Police has launched a mobile application in January 2015 named

- a) Madad
 - b) Suraksha
 - c) Himmat
 - d) Kismat
-

Q15. Consider the following Statements:

- Port Blair Magnetic Observatory (PBMO) was inaugurated at Shoal Bay No. 8 in Port Blair, Andaman and Nicobar Islands on 30 March 2015.
- The observatory has been set up by the Indian Institute of Geomagnetism (IIG) under the Multi-Parametric Geophysical Observatories (MPGO).
- The IIG is located in Chennai.

Which of the statements given above is/are correct?

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

[Read More science and tech Question and Answers »](#)

Answers to the above questions :

Q1. Answer: (c)

It will use uranium as fuel. K-4 missiles have range upto 3500 km.

Q2. Answer: (c)

Apsara became the first nuclear reactor of India in 1956. It was named by the then Prime Minister of India, Jawaharlal Nehru when he likened the blue Cerenkov radiation to the beauty of the Apsaras (Indra's court dancers). This first nuclear research reactor of India completed 50 years in August 2006.

Q3. Answer: (a)

In a nuclear disaster, the main focus is to cool the nuclear reactor. Pumping of water to the reactors and use of boric acid are some of the options.

5000+ INDIAN GENERAL AWARENESS MCQ TOPIC WISE MCQ QUESTION BANK WITH SOLVED ANSWERS & FREE PDF

[ART & CULTURE](#)

[BOOKS AND AUTHORS](#)

[HONOURS & AWARDS](#)

[WORLD ORGANISATIONS](#)

[SPORTS & GAMES](#)

[IT & COMPUTER](#)

[SCIENTIST, DISCOVERIES & INVENTIONS](#)

[SCIENCE & TECH](#)

[SPACE & SATELLITE](#)

[INDIAN POLITICAL, SOCIO ECONOMIC PANORAMA & ISSUES \(NATIONAL\)](#)

[WORLD POLITICAL, SOCIO ECONOMIC PANORAMA & ISSUES \(INTERNATIONAL\)](#)

Q4. Answer: (b)

EDUSAT or GSAT-3 is a communications satellite which was launched on 20 September 2004 by the Indian Space Research Organisation. EDUSAT is the first Indian satellite built exclusively to serve the educational sector.

Q5. Answer: (d)

The satellite was carried by a Long March-4B rocket, marking the 202th mission for the rocket family.

Q6. Answer: (c)

Q7. Answer: (c)

Interferons, Interleukins and Tumor necrosis factors are the proteins produced as a result of immune response to localized tissue damage.

Q8. Answer: (b)

This scorching achievement happened inside the Relativistic Heavy Ion Collider (RHIC), which is a 2.4-mile (3.9 kilometres) underground track where particles smash into one another under conditions that existed about a millionth of a second after the Big Bang.

The new feat, at Brookhaven National Laboratory in Upton, N.Y., occurred when gold nuclei (the positively charged part of the atom made of protons and neutrons) were sent speeding around RHIC at near light-speed until they crashed into each other.

When the ions collide, the enormous energy released is so intense it melts the neutrons and protons inside the gold nuclei into their constituent parts, namely quarks and gluons.

RHIC physicists have measured the temperature of this quark-gluon plasma, finding it reaches around 7.2 trillion degrees Fahrenheit (4 trillion degrees Celsius).

Q9. Answer: (b)

44th Navy Day was observed on 4th December 2015. Every year Indian Navy celebrates Navy Day on December 4 to commemorate the success of the Operation Trident of 1971 India-Pakistan War.

Q10. Answer: (c)

Contactless cards launched by ICICI Bank can be used to make electronic payments by waving the cards near the merchant terminal instead of dipping or swiping. These cards are based on Near Field Communication technology.

Q11. Answer: (d)

A geosynchronous satellite is a satellite in geosynchronous orbit, with an orbital period the same as the Earth's rotation period. Such a satellite returns to the same position in the sky after each sidereal day, and over the course of a day traces out a path in the sky that is typically some form of analemma.

Q12. Answer: (a)

While the Industrial Revolution meant that more goods could be produced for human consumption, it also meant that more pollution would be emitted into the sky and more natural resources would have to be exploited in the production process. Industrialization has resulted in pollution of water, air and

Q13. Answer: (a)

After three years of hectic negotiations, India and France have agreed on the cost of power that will be generated by Jaitapur Nuclear Power Plant (JNPP), clearing a major hurdle in the path of the project. The Project is jointly running by French state controlled nuclear engineering firm (Areava) and Indian State owned nuclear operator Nuclear Power Corporation of India.

Q14. Answer: (c)

The Himmat application will allow women to send a distress call to the Police Control Room and their relatives in case of any emergency.

Q15. Answer: (c)

The IIG is located in Mumbai.

On our site **Careerions.com**, You can find all the content you need to prepare for any kind of exam like. **Verbal Reasoning, Non-Verbal Reasoning, Aptitude, English, Computer, History, Polity, Economy, Geography, General Science, General Awareness & So on.** Make use of our expert-curated content to get an edge over your competition and prepare for your exams effectively.

Practice with our **Free Practice MCQs, Mock Tests Series, Online Quiz** and get an idea of the real exam environment. Keep track of your progress with our detailed performance reports. They are perfect for competitive exam preparation, as well as for brushing up on basic & fundamental knowledge. The questions are updated regularly to keep up with the changing syllabuses.