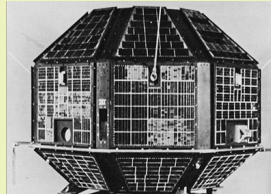


AZADI KA AMRIT MAHOTSAV SCIENCE QUIZ

1. India launched its first satellite,..... in 1975 which was named after an ancient Indian astronomer.

- a) Brahmagupta
- b) Aryabhata
- c) Bhaskara II
- d) Varahamihira



2. Name India's permanent research base stations in Antarctica and in which year they were established?

- a) Dakshin Gangotri (1983), Maitri (1988), Bharati (commissioned in 2012)
- b) Marambio (1969), Orcadas (1904), Esperanza (1952)
- c) Davis (1957), Casey (1969), Mawson (1954)
- d) Palmer (1965), McMurdo (1955), Amundsen-Scott (1956)



3. Which is India's first indigenously developed Anti Radiation Missile by DRDO?

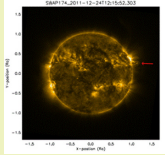
- a) Rudram-1
- b) ALARM
- c) AGM-88 HARM
- d) Kh-58



4. Name the software developed by ARIES, in collaboration with Royal Observatory of Belgium to detect and track accelerating solar eruption in the lower corona.

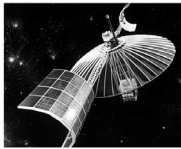
- a) Computer Aided CME Tracking Software (CACTus)
- b) CMEs Identification in Inner Solar Corona (CIISCO)

- c) Energetic Particle Detector
- d) Spectral Imaging of the Coronal Environment



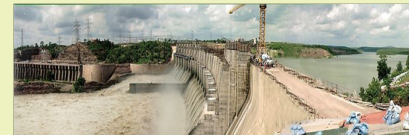
5. Which was India's first experimental satellite communication project launched in 1975. This was designed jointly by NASA and the Indian Space Research Organization (ISRO) and used technology as an educational tool?

- a) Ariane Passenger Payload Experiment (APPLE)
- b) INSAT-1B
- c) NASA ISRO SAR Mission (NISAR)
- d) Satellite Instructional Television Experiment (SITE)



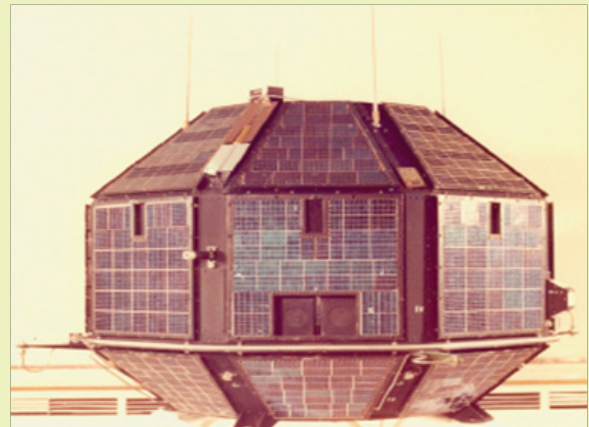
6.is the largest reservoir in India in Madhya Pradesh on the Narmada River and was commissioned on 31 March 2005.

- a) Indira Sagar Dam
- b) Gandhisagar Dam
- c) Omkareshwar Dam
- d) Tigra Dam



7. Name India's first low orbit satellite constructed by ISRO and in which year was it launched?

- a) Bhaskara-II, 1981
- b) Rohini Satellite RS-D2, 1983
- c) Bhaskara-I, 1979
- d) Rohini Satellite RS-D1, 1981



8. Name the Centre that is designated as the nodal organisation for managing the Indian Antarctic Programme, including the maintenance of India's permanent research base stations in Antarctica.

- a) National Institute of Ocean Technology, Chennai
- b) National Centre for Sustainable Coastal Management (NCSCM), Chennai
- c) National Institute of Oceanography, Goa
- d) National Centre for Polar and Ocean Research (NCPOR), Goa



9.Indian Scientific Expedition to Antarctica was flagged off from Mormugao Port, Goa on 5 January 2021.

- a) 38th
- b) 35th
- c) 40th
- d) 39th

10. As of November 2020 name the fastest machine in the series of PARAM which was also ranked 63rd among top 500 most powerful non-distributed computer systems in the world.

- a) PARAM BRAHMA
- b) PARAM SIDDHI
- c) PARAM YUVA
- d) PARAM SHIVAY



11.was regarded as the Father of the Indian Space Programme and the first chairman of ISRO.

- a) M.G.K Menon
- b) Satish Dhawan
- c) U.R. Rao
- d) Vikram Ambalal Sarabhai



12. When and where was India's first nuclear test conducted under the code-name "Smiling Buddha"?

- a) 1974, Pokhran
- b) 1975, Pokhran
- c) 1999, Pokhran-II
- d) 1998, Pokhran-II

13. In India, internet service was launched onby

- a) 15 August 1995, Bharat Sanchar Nigam Limited (BSNL)
- b) 15 August 1995, Videsh Sanchar Nigam Limited (VSNL)
- c) 15 August 1996, Bharat Sanchar Nigam Limited (BSNL)
- d) 15 August 1996, Videsh Sanchar Nigam Limited (VSNL)



14. Name the Indian citizen biologist who shared the Nobel Prize in Chemistry in 2009.

- a) Venkatraman Ramakrishnan
- b) Sir Chandrasekhara Venkata Raman
- c) Har Gobind Khorana
- d) Subrahmanyan Chandrasekhar



15. An Indian student Rifath Sharook from Tamil Nadu and his team designed and developed the world's lightest satellite.....

- a) UNITYsat
- b) PRATHAM
- c) Kalamsat
- d) SWAYAM

Answers:

- 1.b 2.a 3.a 4.b 5.d 6.a 7.c 8.d
- 9.c 10.b 11.d 12.a 13.b 14.a 15.c