

Q-1 Which planet once had a 'Great Dark Spot' before it disappeared in 1995?

- 1) Neptune 2) Saturn 3) Jupiter 4) Mars

Q-2 The value of Pi was calculated as 3.1416 by...

- 1) Aryabhata 2) Budhayana 3) Bhaskara 4) Brahmagupta

Q-3 Charaka Samhita' is considered as the first treatise on...

- 1) Health and Medicine 2) Astrology 3) Astronomy 4) NONE

Q-4 The National Science Day is celebrated on...

- 1) January 14 2) February 28 3) March 31 4) August 17

Q-5 Samudra Sarvekshak' is a...

- 1) Navy ship 2) Geotechnical vessel 3) Submarine 4) Naval Helicopter

Q-6 The first weather satellite was launched on February 17, 1959. What was the name of this satellite?

- 1) TIROS-2 2) Vanguard 1 3) Vanguard 2 4) TIROS-1

Q-7 Anik 1 was a Canadian geosynchronous communications satellite that was launched in 1972. Anik is an Inuit word meaning what?

- 1) Little Brother 2) Great One 3) Helping Hand 4) Little Observer

Q-8 Which of the following whirls around the Earth at 5 miles per second?

- 1) NOAA 15 2) Hubble Space Telescope 3) Explorer 1 4) Laika

Q-9 The path that a satellite follows is known as as orbit. While in orbit, the farthest point from the Earth is known as \_\_\_\_\_ while the nearest point is known as the \_\_\_\_\_.

- 1) Apogee, perigee 2) Adigree, pedigree 3) Perigee, apogee 4) Pedigree, adigree

Q-10 Who was the first astronomer to view Saturn's rings?

- 1) Kepler 2) Copernicus 3) Galileo 4) Hershel

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Q-11 What is the name of the cluster that the Milky Way belongs to?

- 1) The Spiral Group 2) The Virgo Group 3) The Local Group 4) The Super Group

Q-12 The Sun is \_\_\_\_\_???

- 1) Red giant 2) A Population 1 star 3) A Population 2 star  
4) Made of 99.9% of Hydrogen & Helium

Q- 13 The time required for the earth to complete one rotation with respect to stars is

- 1) 23h 56m 4.09s 2) 24h 3) 24h 1m 0.1s 4) 23h

Q- 14. When days and nights are of equal length on September 23, this position is known as

- 1) equinox 2) occluded 3) veering 4) kames

Q- 15 How many days does the earth take to complete a circle around the sun?

- 1) 365 2) 365.5 3) 365.25 4) 366

Q- 16 The southern tip of the earth is inclined towards the sun on

- 1) June 2 2) December 2 3) September 2 4) March 22

Q-17 The sun rays strike on June 21 with an angle of  $90^\circ$  on the:

- 1) Tropic of Cancer 2) Tropic of Capricorn 3) Arctic Circle 4) Great Circle

Q-18 Isotherms are imaginary lines drawn on a map which connect places of equal:

- 1) atmospheric pressure 2) humidity 3) rainfall 4) temperature

Q-19 Which of the following statements about meridians and equator is true?

- 1) Meridians are imaginary lines parallel to equator  
2) Meridians and equator converge at the two poles  
3) Meridians and equator never meet each other  
4) Meridians are perpendicular to the equator

Q-20 The altitude at which the geo-stationary satellite is placed is:

- 1) 5,000 kms 2) 12,000 kms 3) 24,000 kms 4) 36,000 kms

Q-21 When British Prime Minister Attlee declares that the British government would leave India not later than June, 1948

- 1)1947, Feb 20      2)1947, March 24      3)1947, June 3      4)1947, Aug 15

Q-22 When Sarda Act passed prohibiting marriage of girls below 14 and boys below 18 years of age with effect from 1930

- 1)1945      2)1941      3)1929      4)1938

Q-23 Which one of the following has been wrongly listed as a duty of Indian citizens.

- 1) To uphold and protect the sovereignty, unity and intergrity of the country
- 2) To promoter harmony and the spirit of common brotherhood among the people of India
- 3) To practice family planning and control population
- 4) To protect and preserve the natural environment

Q-24 The Directive Principles of State Policy are contained in

- 1) Part III of the Constitution 2) Part IV of the Constitution
- 3) Schedule VII of the Constitution 4) None of the above

Q-25 In which part of the Constitution does the concept of welfare state find elaboration?

- 1) Preamble 2) Fundamental Rights 3) Directive Principles of State Policy 4) All above

Q-26 Which one the following writs literally means 'what is your authority'?

- 1) Habeas Corpus      2) Mandamus      3) Quo Warranto      4) Certiorari

Q-27 A writ of Prohibition is issued by a superior court

- 1)to prevent an inferior court or tribunal from exceeding its jurisdiction or acting contrary to the rules and natural justice

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2) to an inferior court or body exercising judicial or quasi-judicial functions to transfer the record of proceedings in a case for its review

3) Whereby it can call upon a person to show under what authority he is holding the office

4) to an authority to produce an illegally detained person before the court for trial

Q-28 Under the Indian Constitution, a citizen

1) Cannot be deprived of his life and liberty under any condition

2) Can be deprived of life and liberty by the President during emergency

3) Can be deprived of life and liberty only in accordance with the procedure established by law

4) None of the above

Q-29 Writs can be issued for the enforcement of Fundamental Rights by

1) Parliament 2) the President 3) the Supreme Court 4) all the above

Q-30 A person can move the Supreme Court directly in the event of violation of Fundamental Rights under

1)Article 19      2)Article 32      3)Article 34      4)None

Q-31 The Sikhs in India are permitted to carry "Kirpan"(knife). Under which one of the following Fundamental Rights they are permitted to do so?

1) Right to freedom 2) Right to freedom of religion 3) Right to life and liberty

4) None of the above

Q-32 Who is competent to prescribe conditions for acquisition of citizenship?

1)Election Commission      2)Parliament      3)President

4)Parliament and State Legislatures jointly

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Q-33 Which one of the following was a Union Territory before it was accorded the status of a full-fledged state?

- 1) Himachal Pradesh 2) Tripur 3) Manipur 4) All of the above

Q-34 The continent of Africa is divided into two parts by the:

- 1) Sahara Desert 2) Atlas Mountains 3) Congo River 4) Caucasus

Q-35 Of the following, the country located entirely to the north of the Equator is:

- 1) Columbia 2) Ecuador 3) Bolivia 4) Venezuela

Q-36 The South American country that borders every other country on that continent except Chile and Ecuador is:

- 1) Brazil 2) Argentina 3) Peru 4) Venezuela

Q-37. Which of the following towns is situated at a higher altitude?

- 1) Lhasa 2) Kathmandu 3) Gartole 4) Thimpu

Q-38 Which State in India is the largest producer of Soyabean?

- 1)Rajasthan 2) Gujarat 3) Uttar Pradesh 4) Madhya Pradesh

Q-39 Nylon was invented by

- 1)Dr.Wallace H.Carothers 2)Jacob Schick 3)Samuel Colt 4)none

Q-40"Salwa Judum" is

- 1) Terrorist Organisation 2) A branch of Naxalites 3) Anti Terrorist Organisation  
4) None

Q-41 From which premier medical institute of India did Nepal's first President complete his postgraduate studies?

- 1) PGI Chandigarh 2) AIIMS New Delhi 3) Jawaharlal Nehru University, New Delhi  
d) None

Q-42 Who recently became the most successful olympian of all times?

- 1) Mark Spitz 2) Graham Thorpe 3) Michael Phelps 4) None

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Q-43 What is the name of the world's first cloned dog?

- 1) Dolly 2) Snuppy 3) Jamy 4) Ruby

Q-44 What does OSCE stand for?

- 1) Oraganisation for Sovereignty and Custom in Europe  
2) Oil Sales Corporation and Evaulation  
3) Organisation for Sales and Custom Evaluation  
4) Oraganisation for Security and Co-operation in Europe

Q-45 "Hanna" is

- 1) a mammal species 2) a tropical storm 3) US spaceship 4) a nuclear warhead

Q-46 Which country won the maximum medals at the Beijing Olympics?

- 1) Great Britain 2) USA 3) China 4) Russia

Q-47 Which one of the following is not a medal winner for India in the recently concluded Beijing Olympics?

- 1) Abhinav Bindra 2) Vijender Kumar 3) Akhil Kumar 4) Susheel Kumar

Q-48 Methylated spirits is a very common household chemical – but what is its main component?

- 1) Acetone 2) Turpentine 3) Ethanol (alcohol) 4) Water

Q-49 Name the popular Bollywood actor who was recently awarded the Padma Bhushan award.

- 1) Vivek oberoy 2) Shah Rukh Khan 3) Aamir Khan 4) Salman Khan

Q-50 Which neighboring country recently conducted their sixth presidential election?

- 1) Nepal 2) Bhutan 3) Bangladesh 4) Sri Lanka

Q-51 India recently celebrated its ... Republic Day this year.a.

- 1)50<sup>th</sup> 2) 60<sup>th</sup> 3) 55<sup>th</sup> 4) 65<sup>th</sup>

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Q-52 Which former Lok Sabha member has replaced Amar Singh as the national general secretary of the Samajwadi party?

- 1) Mohan Singh 2) Jai Prakash 3) Shailendra Kumar 4) Mahabir Prasad

Q-53 Which famous snack food chain owner was recently convicted in an attempt-to-murder case along with four others by a Sessions court?

- 1) Nathus 2) Haldirams 3) Bikanerwala 4) Nirulas

Q-54 Which company recently launched the iPad, a tablet-style computer?

- 1) Sony 2) Samsung 3) Apple 4) Compaq

Q-55 Name the US novelist remembered for his 1951 bestseller The Catcher in the Rye who recently died at the age of 91.

- 1) Herman Melville 2) JD Salinger 3) Vladimir Nabokov 4) Richard Bach

Q-56 The conferment of the prestigious Padma Shri award to this popular Bollywood actor courted many controversies recently . Name him.

- 1) Shah Rukh Khan 2) Salman Khan 3) Saif Ali Khan 4) Aamir Khan

Q-57 Who built the temple of Angkor Vat ?

- 1)Surya Varman II 2)Jaya Varman VII 3)Yaso Varman 4)Hari Varman

Q-58 Panini, the first Grammarian of Sanskrit language in India, lived during the:

- 1)2nd Century B. C. 2)6th -5th Century B. C. 3)2nd Century A. D.  
4)5th-6th Century A. D.

Q-59 Which of the following was a saint of the Bhakti Movement in Bengal?

- 1)Tulshidas 2) Vivekananda 3) Chaitanya 4)Kabir

Q-60 King Akbar of the Mughal Dynasty was in power in the  
1)18th century 2)12th century 3)16th century 4)14th century

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