

Assam Direct Recruitment Test Series

Question	Which of the following countries is the largest landlocked country?	
Type	multiple_choice	
Option	Afghanistan	incorrect
Option	Kazakhstan	correct
Option	Iran	incorrect
Option	Mongolia	incorrect
Solution	Kazakhstan is the largest landlocked country in the world. Ethiopia is the world's most populated landlocked country, with a population of more than 101 million people.'	

Question	Which of the following acids is found in tomatoes?	
Type	multiple_choice	
Option	Ascorbic acid	incorrect
Option	Formic acid	incorrect
Option	Tartaric acid	incorrect
Option	Oxalic acid	correct
Solution	Oxalic acid is a chemical compound that can be found in practically every plant, including fruits, vegetables, and cereals. Tomatoes contain a variety of acids, including citric acid, malic acid, ascorbic acid, and oxalic acid.	

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Question	Who among the following was the author of the book "Ajatshatru"?	
Type	multiple_choice	
Option	Shashi Tharoor	incorrect
Option	RK Narayan	incorrect
Option	Chandrashekar	incorrect

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Option	Jay Shankar Prasad	correct
Solution	The Ajatshatru book was written by Jay Shankar Prasad.	

Question	What is the aim of the Fourth Five-Year Plan?	
Type	multiple_choice	
Option	Removal of poverty	incorrect
Option	Establishing self-sufficiency and stability	correct
Option	Heavy industries establishment	incorrect
Option	Integrated Rural development program	incorrect
Solution	India followed the Fourth Five-Year Plan from 1969 to 1974. It was a plan based on the Ashok Rudra Menon paradigm. The fundamental purpose of the strategy was to achieve economic self-sufficiency and stability.	

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Question	What is the currency of the Philippines?	
Type	multiple_choice	
Option	Euro	incorrect
Option	Dollar	incorrect
Option	Peso	correct
Option	Baht	incorrect
Solution	The Philippine peso is based on the Real de an Ocho, or Spanish dollar, which was widely used in the Americas and Southeast Asia throughout the 17th and 18th centuries.	

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Question	Who was honoured with the 56th Jnanpith award?	
Type	multiple_choice	
Option	Ashapoorna Devi	incorrect
Option	Amitav Ghosh	incorrect
Option	Akkitham Achuthan	incorrect
Option	Nilamani Phookan	correct
Solution		

Question	Who developed the concept of horsepower?	
Type	multiple_choice	
Option	James Watt	correct
Option	Henry Cavendish	incorrect
Option	Max Planck	incorrect
Option	Victor Hess	incorrect
Solution	According to Watt's experiment in 1782, a "brewery horse" could create 32,400 foot-pounds [43,929 Nm] per minute. The figure was standardized	

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	the next year by James Watt and Matthew Boulton at 33,000 foot-pounds (44,742 Nm) per minute.
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Question	Find the mismatched pair among the following?	
Type	multiple_choice	
Option	Goa-Panaji	incorrect
Option	Lakshadweep Islands – Kavaratti	incorrect
Option	Uttarakhand – Lucknow	correct
Option	Sikkim – Gangtok	incorrect
Solution		

Question	Which award is known as “Asia’s Nobel Prize”?	
Type	multiple_choice	
Option	Bharat Ratna	incorrect
Option	Vatayan Lifetime Achievement Award	incorrect
Option	Ramon Magsaysay Award	correct
Option	None of the above	incorrect
Solution	The Ramon Magsaysay Award is given on basis of former Philippine President Ramon Magsaysay and it is known as Asia’s Nobel prize. The prize is given on an annual basis.	

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Question	What is the wavelength range of X-rays?	
Type	multiple_choice	
Option	0.1 Angstrom – 100 Angstrom	correct
Option	1000 nm – 0.01 cm	incorrect
Option	1 m – 100 m	incorrect
Option	1 cm – 1 m	incorrect
Solution	X-rays are classified as electromagnetic radiation (wavelength is given in angstroms). X-rays have wavelengths ranging from 0.01 to 10 nm, corresponding to frequencies ranging from 31016 to 31019 Hz and energy ranging from 100 eV to 100 keV. Their wavelength is shorter than that of UV rays but longer than that of gamma rays.	

Question	Which of the following is known as the “Granite City” of the world?	
Type	multiple_choice	
Option	Aberdeen	correct
Option	Chicago	incorrect
Option	Australia	incorrect

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Option	Rome	incorrect
Solution	Granite City (Scotland) is ranked 36th. Aberdeen's buildings are all made of light granite.	

Question	Who among the following discovered the sea route to India via Cape of Good Hope?	
Type	multiple_choice	
Option	Abel Tasman	incorrect
Option	Vasco Da Gama	correct
Option	John Cabot	incorrect
Option	Henry Hudson	incorrect
Solution	The Portuguese mission that discovered the sea passage to India was the first known expedition from Europe to India via the Cape of Good Hope. It occurred between 1495 and 1499, under the reign of King Manuel I. Vasco da Gama, a Portuguese explorer, who conducted the expedition.	

Question	Which state in India is known as the "House of Clouds?"	
Type	multiple_choice	
Option	Assam	incorrect
Option	West Bengal	incorrect
Option	Kerala	incorrect
Option	Meghalaya	correct
Solution	Between Assam and Bangladesh is Meghalaya, which means "the abode of clouds" or "house of Clouds." It is a mountainous state.	

Question	Which articles of the Indian Constitution deal with fundamental rights?	
Type	multiple_choice	
Option	Article 5-11	incorrect
Option	Article 245-263	incorrect

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Option	Article 12-35	correct
Option	Article 51A	incorrect
Solution	Articles 12 to 35 of Part III of the Constitution cover fundamental rights. These include the right to equality before the law, the prohibition of discrimination based on religion, race, caste, gender, or place of birth, and the right to the equal job opportunity.	

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Question	What is the national emblem of Italy?	
Type	multiple_choice	
Option	White Lily	correct
Option	Eagle	incorrect
Option	Eagle	incorrect
Option	Kangaroo	incorrect
Solution	The sign is structured like a Roman wreath, with a white five-pointed star, the Stella d'Italia (English: "Star of Italy"), with a thin crimson border, overlaid upon a five-spoked cogwheel, standing between an olive branch on the left side and an oak branch on the right side.	

Question	What is the chemical name of Marsh gas?	
Type	multiple_choice	
Option	Potassium Hydroxide	incorrect
Option	Ethyl alcohol	incorrect
Option	Sodium Hydroxide	incorrect
Option	Methane	correct
Solution	The chemical formula for methane is CH ₄ , which is number 38. It is abundant in natural gas. Marsh gas has anything from 50 to 80 percent methane, but it's usually around 60 percent.	

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Question	What is the SI unit of potential difference?	
Type	multiple_choice	
Option	Ampere	incorrect
Option	Watt	incorrect
Option	Volts	correct
Option	Meters	incorrect
Solution	Volts, indicated by the letter v , is the SI unit of voltage. Per coulomb of electric charge, one volt equals one joule of energy.	

Question	Who was the Viceroy of India when the 3rd Anglo-Burmese war took place?	
Type	multiple_choice	
Option	Lord Lawrence	incorrect
Option	Lord William Bentinck	incorrect
Option	Lord Dufferin	correct
Option	Lord Canning	incorrect
Solution	Lord Dufferin (1884-1888): He was Viceroy of India during the Third Anglo-Burmese War (1885-1886). The Second Anglo-Burmese War (1852–1853) broke out during Lord Dalhousie's tenure (1848-1856). The British capture of Lower Burma ended the Second Anglo-Burmese War.	

Question	In which of the following medium does sound travel fast?	
Type	multiple_choice	
Option	Vacuum	incorrect
Option	Steel	correct
Option	Water	incorrect
Option	Air	incorrect
Solution	The fastest sound speed is that of solids, followed by liquids (less dense than solids) and last gases (least dense). Because steel is a solid material,	

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	sound travels the fastest. Sound cannot travel in a vacuum because there is no material medium.
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Question	"Ankara" is the capital of which country?	
Type	multiple_choice	
Option	Uganda	incorrect
Option	Turkey	correct
Option	Singapore	incorrect
Option	Mongolia	incorrect
Solution	The capital of the Turkish Republic Ankara, formerly known as Ancyra and Angora, is Turkey's capital.	

Question	Which state has the maximum forest area in India?	
Type	multiple_choice	
Option	Andhra Pradesh	incorrect
Option	Madhya Pradesh	correct
Option	Rajasthan	incorrect
Option	Kerala	incorrect
Solution	Madhya Pradesh has the highest forest land area cover in the country, next are Arunachal Pradesh, Chhattisgarh, Odisha, and Maharashtra.	

Question	What is the length of the Earth's polar radius?	
Type	multiple_choice	
Option	6357 km	correct
Option	6378 km	incorrect
Option	6536 km	incorrect
Option	6738 km	incorrect

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Solution	It has an equatorial radius of 6378 km but a polar radius of 6357 km, indicating that the Earth is slightly flattened.
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Question	Which Governor-General of India abolished the Sati practice?	
Type	multiple_choice	
Option	Lord Auckland	incorrect
Option	Lord Dalhousie	incorrect
Option	Lord William Bentinck	correct
Option	Lord Harding	incorrect
Solution	The Governor-General Lord William Bentinck issued the Bengal Sati Regulation, or Regulation XVII, in India under East India Company administration, making the practice of Sati or suttee unlawful in all jurisdictions of India and subject to punishment. The restriction is attributed to putting an end to sati practice in India.	

Question	What is the pH value of blood?	
Type	multiple_choice	
Option	2.8	incorrect
Option	7.0	incorrect
Option	7.40	correct
Option	6.5	incorrect
Solution	The pH scale ranges from 0 to 14 (alkaline) (very alkaline). Normal blood temperatures range between 7.35 and 7.45 degrees Celsius.	

Question	Who is the author of the book "Untouchable"?	
Type	multiple_choice	
Option	Mulk Raj Anand	correct
Option	K Natwar Singh	incorrect
Option	Mark Tully	incorrect

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Option	Anand Math	incorrect
Solution	Mulk Raj Anand's work Untouchable was published in 1935.	

Question	Which of the following is also known as "shifting agriculture"?	
Type	multiple_choice	
Option	Intensive cultivation	incorrect
Option	Step farming	incorrect
Option	Terrace farming	incorrect
Option	Jhum cultivation	correct
Solution	Shifting cultivation, also known as jhum, is an agricultural technique in which a farming community chops secondary forests in a specific location, burns the slash, and cultivates the area for a fixed number of years.	

Question	The Elephanta wind occurs in which of the following regions?	
Type	multiple_choice	
Option	Africa	incorrect
Option	The Alps	incorrect
Option	Tundra region	incorrect
Option	Malabar coast	correct
Solution	The Elephanta is a strong southerly or southeasterly wind that blows throughout India's Malabar coast in September and October, heralding the start of the southwest monsoon.	

Question	In which year was the French Company captured by the British East India Company?	
Type	multiple_choice	
Option	1664	incorrect
Option	1754	incorrect
Option	1761	correct

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Option	1668	incorrect
Solution	The British “East India Company” seized Puducherry from the French from 1742 until 1763, when the Treaty of Paris restored French Company sovereignty.	

Question	Which gland is known as the master gland?	
Type	multiple_choice	
Option	Thymus	incorrect
Option	Pancreas	incorrect
Option	Thyroid	incorrect
Option	Pituitary	correct
Solution	Because it regulates the activity of many other endocrine glands, the pituitary gland is sometimes referred to as the “master” gland of the endocrine system. It’s a gland that produces hormones.	

Question	Which of the following causes chickenpox?	
Type	multiple_choice	
Option	Virus	correct
Option	Fungi	incorrect
Option	Bacteria	incorrect
Option	None of the above	incorrect
Solution	The varicella-zoster virus causes chickenpox, a highly contagious disease (VZV).	

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