PERFECTION IAS

AN INSTITUTE FOR UPSC & BPSC

DIRECTOR'S MESSAGE

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Patna, Bihar (India)

We Admire and Congratulate you for your decision to join civil service as a career option. We at Perfection IAS guide aspirants using multi-dimensional approach for Upsc and Bpsc Examination. Our deliverables like Updated Study Materials and Various Enrichment Supports like UPSC IAS Intent,Bpsc Mains Analyser helps students in their effective preparation. On Special note, our Weekend Tests help students in multiple revisions of the topics and regular assessment of their progress. To excel students in Mains Answer Writing, Perfection IAS provides Basic Mains Workbook initially to start daily Answer Writing from scratch.

INTERNATIONAL DAY FOR THE PRESERVATION OF THE OZONE LAYER

What is Ozone Layer?

In the upper reaches of the atmosphere, a molecule containing three atoms of oxygen is found known as ozone. It is a pale blue gas with a pungent (chlorine-like) smell.

What is Ozone?

Ozone layer acts as a blanket that protects us from the harmful ultraviolet (UV) radiations coming from the sun. i.e., acts as Earth's sunscreen.

In the 1980s, ozone hole was detected over Antarctica.

In recent years, reports of the depletion of the ozone layer due to chlorofluorocarbon compounds (CFCs or freons) became a cause of concern.

Increased UV radiations can lead to aging of skin, cataract, sunburn, skin cancer, snow-blindness, killing of many phytoplanktons, damage to fish productivity, harmful mutation of cells etc.

CFCs are used in refrigerators, ACs, production of plastic foam and by the electronic industry for cleaning computer parts etc.

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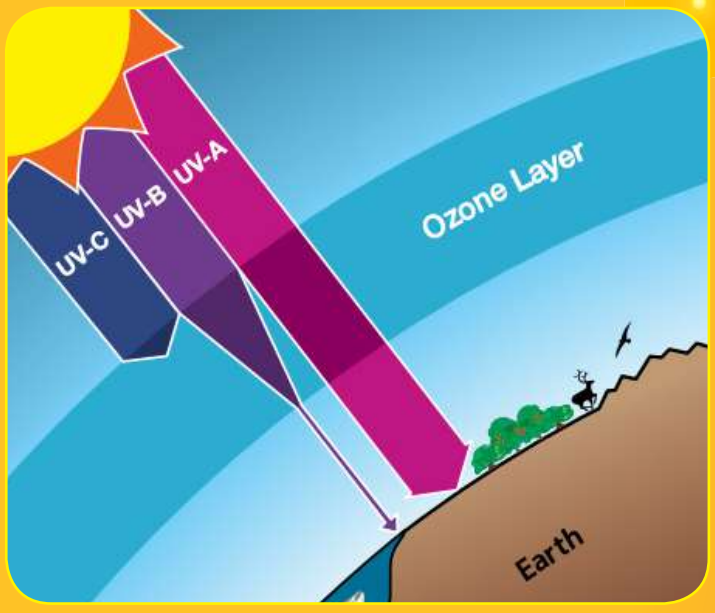
World Ozone Day is observed on September 16 every year to spread awareness among people about the depletion of the Ozone layer.

WORLD OZONE DAY THEME

GLOBAL COOPERATION PROTECTING LIFE ON EARTH

OZONE PROTECTION

Recognizing the deleterious effects of ozone depletion, Montreal Protocol was signed in Montreal (Canada) in 1987 (effective in 1989) to control the emission of ozone-depleting substances. Kigali Amendment (2016) was signed to phase-down hydrofluorocarbons (HFCs).



On 16th September 2009, the Vienna Convention and the Montreal Protocol became the first treaties in the history of the United Nations to achieve universal ratification.

INITIATIVES BY INDIA TO PROTECT OZONE LAYER

India has set up the India cooling action plan (ICAP), Hydrochlorofluorocarbons Phase-out Management Plan (HPMP) Stage-II (2017-23) and Ozone Cell for timely implementation of the Montreal Protocol.

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BIHAR

DO YOU KNOW?

Focus on Geography

Bihar is the third-largest state by population and twelfth-largest by territory (area - 94,163sq. km). 12 districts of Bihar are located on the banks of the River Ganges. Patna shares border with 9 districts.

Focus on History

Chirand (Saran district) has an archaeological record from the Neolithic age. Anga, Magadha and Vajji Mahajanapadas were located in bihar. During the Raj Darbhanga period the capital of Mithila was shifted to Darbhanga.

Focus on Polity

The strength of the Bihar Legislative Assembly is 243 members. 38 are Scheduled Castes and 2 are Scheduled Tribes reserved seats. In the17th Lok Sabha (2019–24) there are 40 Lok Sabha and 15 Rajya Sabha seats in Bihar.

GOVERNMENT SCHIME

GANGA UDBHAV YOJANA

It aims to transport water of river Ganga from Mokama's Hathidah to Nawada through the 190 km pipeline. Under Jal Jeevan Hariyali abhiyan, it will provide drinking water to cities like Gaya, Bodh Gaya and Rajgir.

GOLD MINES

As per GSI survey, around 222.88 million tonnes of gold reserves (44% of the total gold reserves in the country) are present in the Jamui district. It is India's largest gold reserve

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CHECK YOURSELF

»» In Bihar, 5 different types of soil are found namely Balthar, Tal, Terai, Bhangar, Khadar and Bal sundari.

»» India State of Forest Report (ISFR) 2021, the forest cover in the state is 7380.79 sq km which is 7.84% of Bihar's geographical area.

»» Two districts in Bihar have hot springs – Munger (Bhimbandh, Lakshman Kund, Sita Kund etc), Rajgir (Satdhara Kund, Surya Kund, Makhdum Kund etc).

»» The Kanwar Taal or Kabartal Wetland (Begusarai) is Asia's largest freshwater oxbow lake. Also, it is the only Ramsar site in Bihar.

»» Valmiki National Park (Estd. – 1990, West Champaran) is the only national park in Bihar. It has 32 tigers.

»» Rock types in Bihar – Dharwar (Munger, Jamui, Nawada), Vindhyan (Kaimur, Rohtas), Tertiary (Terai region eg., West Champaran), Quaternary (Terai region in North and Chhotanagpur plateau south).

»» Groundwater contamination - As per Public Health Engineering Department, 14 districts are affected by Arsenic, 11 by Fluoride and 11 by Iron.

»» There are two veterinary colleges in Bihar – Faculty of veterinary science and animal husbandry (Samastipur) and Bihar veterinary college (Patna).

May your birthday this year bring you all the luck and strength required to see you through your studies and exams. I know how challenging and exhausting being a student can be, so I'm wishing you all the very best!

1 OCTOBER (SATURDAY)
Gaurav Kumar
Jayant Kr. Jaiswal
Mansi Sinha
Sakshi Kumari
Sanket Kumar
Shipra Yadav
Sonal Singh
Sudhir Kumar
Vishal Kumar
Vivek Kumar Ram
SUNDAY, 2 OCTOBER
Ankush Kumar
Atmanand
Bablu Kumar
Bipin Vaibhav
Kamlesh Kumar
Khushboo KUmari
Nitish Krishna Madhur
Pranjal Shandilya
Priya Kumari
Rohit Kumar
Shweta keshri
Sonam Kumari
Sumitra Kumari
Tannu Kumari Singh
Ujjwal keshri
Vina Kumari
MONDAY, 3 OCTOBER, 2022
Jyoti Kumari
Kritika Kumari
Medharshi
Pooja Kumari
Seema Kumari
Shubham Gupta
Vijeta Sinha
Vivek Kumar Ram
Yash Raj Sinha
TUESDAY, 4 OCTOBER
Aditya RAj
Jaya Singh
Manisha Bharti
Samrin Fatma
WEDNESDAY, 5 OCTOBER
Abhishek Kr. Verma
Abhishek Kumar Verma
Dinesh Kumar Dubey
Guriya Kumari
Jitendra Kumar
Mamta Kumari
Md. Tanweer
Pritee Kumari
Priya Ranjan Verma
Priya Ranjan
Rakesh Kumar
Raviraj Kumar
Saraswati Kumari
Shivam Kumar
Vijay Kumar
THURSDAY, 6 OCTOBER, 2022
Abhishekh Kumar

Kajal Kumari
Karan
Saurav Anand
Md. Ashif
FRIDAY, 7 OCTOBER
Ashish Prakash
Juhi Gupta
Md. Ragib Shoaib
Mukesh Kumar
Rahul Kumar
SATURDAY, 8 OCTOBER
Afsana Perween
Himalayan Sharma
Kajal Kumari
Priyanka Sharma
Sumit Kumar
SUNDAY, 9 OCTOBER
Vikash Kumar
Naresh Kumar
Saloni KUmari
Uday Kumar
Mayank Syal
MONDAY, 10 OCTOBER
Adarsh Kumar
Ambast Kumar
Amriti Veena
Barshakant Paswan
Gaurav Kumar
Madhuri Kumari
Nitish Kumar
Rahul Kumar
Rohan Prakash
Roshni kumari
Sapna Kumari
Taskin Saba
TUESDAY, 11 OCTOBER
Isha Kumari

Khushboo Kumari
Mahi Kumari
Prashant Kumar
WEDNESDAY, 12 OCTOBER
Aditya Kumar
Aman KUmar Mandal
Amit Kumar
Aniket Priyadarshi
Harshita Kumari
Kumari Shaloo Bharti
Manoj Kumar Singh
Mukesh Kumar
Pinki Kumari
Priyanshu RAni
Raihan Raja
Raushan Kumar
Satyanand
Sri Niwas Kumar
THURSDAY, 13 OCTOBER
Abu Dojana Jami
Riya Sah
Shivandra Siddhartha
Smriti Muskan
Kshitij Abhishek
Sagar Srivastava
Chandan Gupta
Meenu Kumari
FRIDAY, 14 OCTOBER
Naveen Kumar
SATURDAY, 15 OCTOBER
Abha Kumari
Abhishek Kumar
Abhishek Kumar
Aditya Sagar
Amresh Kumar Yadav

Md. Sarfaraj
Md. Shadab Alam
Prabhat kumar Sharma
Prashant Ranjan
Prity kumari
Raj Kumar Ambedkar
Rajeev Kumar Ranjan
SUNDAY, 16 OCTOBER
Aman KUmar Bhagat
Arvind Kumar
Jyoti Kumari
omkar KUmar
Rahul RAj
Sanjeet Kumar
Tanupriya Soni
MONDAY, 17 OCTOBER
Furquan Alam
Jitendra Kumar
Kirti Lata
Niharika Raj
Pooja Kumari
Sneha Rani
Vikash Kumar
TUESDAY, 18 OCTOBER
Akash Deep
Amit Kumar
Ankit Kumar
Neha Kumari
Raj Rawat
Sanjana Kumari
Saurav Rishi
Shubham Kumar
WEDNESDAY, 19 OCTOBER
Gautam Kumar
Kavya Raj
Sanjeev Kumar
Suman Kumari
THURSDAY, 20 OCTOBER
Aman Kumar
Noornaz Khatoon
Quity Surya
Raunak Raj
Ravi Kumar
Shihsupal Kumar
Shishupal Priyadarshi
FRIDAY, 21 OCTOBER
Abhishek Priyadarshi
Manisha Kumari
Md. Salik Raza
Nitish Kumar
Ravi Prakash Panday
Ritu Raj
SATURDAY, 22 OCTOBER
Aditya Kumar
Manish Kumar
SUNDAY, 23 OCTOBER
Ragini Kumari
MONDAY, 24 OCTOBER
Akshay Kumar
Manoo Rajbhar
Niranjan Kumar
Preeti Dutta
Roopa Kumari
Rudra Abhishek
Shruti Suman
Sneha Raj
TUESDAY, 25 OCTOBER
Akhilesh Kumar
Jai Prakash Kumar
Rashmi Kumari
Raushan Kumar Sharma
Sweety Kumari

WEDNESDAY, 26 OCTOBER
Jagdish Prasad
Shalini Kumari
THURSDAY, 27 OCTOBER
Malti Chauhan
Pooja Priya
Riya Sharma
Siddharth Deo
FRIDAY, 28 OCTOBER
Kajal Kumari
Kumar Sagar
Mahima Kumari
Manish Kumar
Prince Kumar
Rahul Kumar
Sanjeev Sharma

Utapal Kumar
Varsha KUmari
SATURDAY, 29 OCTOBER
Komal Kumari
Sakshi Sharma
Saloni Kumari
SUNDAY, 30 OCTOBER
Abhishek Kumar
Gaurav Kumar
Pritywala Suman
Gautam Kumar
Ravi Kumar
MONDAY, 31 OCTOBER
Ayushman Kumar
Priya Ranjan

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