

Pratibha: Foundation Classes (Competitive Exams) 2024-25: Completion Report


Pratibha: Foundation Classes for Competitive Exams under the aegis of Center for Career Counseling and Career Opportunity and the Internal Quality Assurance Cell (IQAC) of Janki Devi Memorial College, University of Delhi has successfully completed its eighth batch under the convenorship of Dr. Md. Zubeer Ahmed and Dr. Kush Kumar Gayasen and three members; Mr. Ahirrao Dinesh Bharat, Ms. Chanpreet Kaur, and Dr. Raju Keshari. Students, who aim to clear the various competitive exams conducted by UPSC, State Public Service Commission, National Testing Agency (NTA) etc. opted for these classes. The primary objective of these foundation classes was to provide the basic knowledge about important topics from examination point of view, and orient the students to explore further on their own. The topics for lectures were selected keeping in mind the General Studies, Political Science and International Relations components of various competitive exams.

The classes were open for all bonafide students and (female&male) ex-students of the University of Delhi. The classes began on 20th September 2024, whereby 46 students registered for the classes. Out of 46 students, 14 students were taken from Devnar Junior and Degree college for the Blind, Hyderabad and 5 students were taken from Mahatma Gandhi Government College, Mayabunder under Vidya Vistaar scheme of University of Delhi and the admission was granted to all these 19 students at free of cost. The course was divided into 74 modules covering the broad areas of History, Economics, Political Science, International Relations, Foreign Policy, Sociology, English, Mathematics, Geography, Science & Technology, Current Affairs, Essay writing and components of Personality test. The classes were taken by the successful candidates in the Civil Services exam, faculties from various departments of the college and experts from outside. One module of two hours was discussed on every Friday and Saturday and Sunday. All the lectures were delivered in online mode.

Name of the Resource Persons with Affiliation

1. **Dr. Md. Zubeer Ahmed**- Associate Professor (Department of Political Science, JDMC).
2. **Mr. Ahirrao Dinesh Bharat**- Assistant Professor (Department of Political Science, JDMC).
3. **Md. Faisal Hussain**- Former faculty (Department of History, JDMC), Civil services mentor and Project Manager at World Bank aided Bihar Rural Livelihoods Project (BRLP).
4. **Dr. Kush Kumar Gayasen**- Assistant Professor (Department of Political Science, JDMC).
5. **Dr. Raju Keshari**, Assistant Professor, (Department of Political Science, JDMC).


6. **Ms. Chanpreet Kaur**, Assistant Professor (Department of Mathematics, JDMC).
7. **Mr. Rohit Kumar Singh**-Assistant Professor (Department of Political Science, JDMC).
8. **Mr. Deepak Manchanda**- Assistant Professor (Department of Economics, CHRIST University, Delhi NCR).
9. **Mr. Abhinub Kumar**- Assistant Professor (Department of Economics, JDMC).
10. **Dr. Deepak Rawat**- Assistant Professor (Department of Environmental Science, JDMC).
11. **Dr. S. Varadharaj**- Associate Professor (Department of English, SBSC morning University of Delhi)
12. **Dr. Anavila Lochan**- Assistant Professor (Department of Psychology, Lakshmibai College).
13. **Ms. Sanchi Agarwal**:- Fellow at ConveGenius



जानकी देवी मेमोरियल कॉलेज (दिल्ली विश्वविद्यालय)

प्रतिभा

(प्रतियोगी परीक्षाओं के लिए आधारभूत कक्षाएं)
करियर परामर्श, करियर अवसर और कौशल संवर्धन केंद्र
IQAC के तत्वावधान में



प्रतिभा (आधारभूत) कक्षाएं उन छात्रों को उन्मुख और मार्गदर्शन करने का प्रयास करती हैं जो संघ लोक सेवा आयोग (UPSC), राज्य लोक सेवा आयोगों, राष्ट्रीय परीक्षण एजेंसी (NTA) आदि द्वारा आयोजित विभिन्न प्रतियोगी परीक्षाओं की तैयारी में रुचि रखते हैं, ताकि वे स्नातक होने के बाद अपने वांछित करियर को सुरक्षित कर सकें।

ये कक्षाएं दिल्ली विश्वविद्यालय में वर्तमान में नामांकित छात्रों और पूर्व छात्रों दोनों के लिए खुली हैं।

महत्वपूर्ण सूचना


- शुल्क संरचना- प्रति छात्र 6,000/- रु.
- प्रवेश पहले आओ, पहले पाओ के आधार पर दिया जाएगा।
- सीमित सीटें उपलब्ध हैं।
- फॉर्म जमा करने की अंतिम तिथि 6 सितंबर 2024 है।

पाठ्यक्रम विवरण

- फाउंडेशन कक्षाओं की अवधि दो सेमेस्टर की है
- कक्षाएँ 13 सितंबर 2024 से शुरू होंगी
- कक्षाएँ केवल ऑनलाइन मोड में आयोजित की जाएँगी।
- प्रत्येक शुक्रवार (शाम 6:00 बजे से शाम 8:00 बजे तक), शनिवार (शाम 6:00 बजे से रात 8:00 बजे तक) और रविवार (सुबह 11:00 बजे से दोपहर 1:00 बजे तक) को दो घंटे के एक मॉड्यूल पर चर्चा की जाएगी।
- दो मॉक टेस्ट (MCQ आधारित) और दो मॉक टेस्ट चर्चा सत्र आयोजित किए जाएँगे।

अधिक जानकारी के लिए कृपया द्वादसएप करें:

श्री अहिरराव दिनेश भारत- 8527456759
डॉ. कुश कुमार गयासेन- 7678621417



प्रो. पायल नागपाल
(IQAC समन्वयक)

डॉ. मोहम्मद जुबेर अहमद
डॉ. कुश कुमार गयासेन
(संयोजक)

श्री अहिरराव दिनेश भारत
डॉ. राजू केशरी
सुश्री चनप्रीत कौर
(सदस्य)

प्रो. स्वाति पाल
(प्राचार्य)



JANKI DEVI MEMORIAL COLLEGE

(University of Delhi)

PRATIBHA



(Foundation classes for competitive exams)

*Centre for Career Counselling, Career Opportunities and Skill Enhancement
Under the aegis of IQAC*

The PRATIBHA (foundation) classes strive to orient and guide students who are interested in preparing for various competitive examinations conducted by the Union Public Service commission (UPSC), State Public Service Commissions, National Testing Agency (NTA), etc. with a view to enable them to secure their desired career after graduation and so on.

These classes are open for both students currently enrolled and ex-students of University of Delhi.

IMPORTANT DETAILS

- Fee Structure- **Rs.6,000/-per student.**
- Admission will be given on the basis of **first come, first serve.**
- Limited seats are available.
- The last date of submission of forms is **6th September 2024**

Schedule of Classes

- The duration of the foundation classes is of **two semesters**
- The classes will commence from **13th September 2024**
- Classes will be held in **online mode only.**
- One module of two hours each will be discussed on every **Friday (6:00 PM-8:00 PM), Saturday (6:00 PM-8:00 PM)** and **Sunday (11:00 AM-1:00 PM).**
- Two mock tests (MCQ based) and Two Mock test discussion sessions will be held.



For further queries, please Whatsapp:

Mr. Ahirrao Dinesh Bharat- 8527456759

Dr. Kush Kumar Gayasen- 7678621417

Prof. Payal Nagpal
(IQAC Coordinator)

Dr. Md. Zubeer Ahmed
Dr. Kush Kumar Gayasen
Convenors

Mr. Ahirrao Dinesh Bharat
Dr. Raju Keshari
Ms. Chanpreet Kaur
(Members)

Prof. Swati Pal
(Principal)

Chanpreet Kaur (Presenting)

Probability notes.pdf

$$P(A \cup B) = P(A) + P(B) - P(A \cap B)$$

$$= \frac{13}{52} + \frac{4}{52} - \frac{1}{52} = \frac{16}{52} = \frac{4}{13}$$

Example 19.8 In an experiment with throwing 2 fair dice, consider the events

A: The sum of numbers on the faces is 8
B: Doubles are thrown.

What is the probability of getting A or B?

Solution: In a throw of two dice, the sample space consists of $6 \times 6 = 36$ sample points. The favourable outcomes to the event A (the sum of the numbers on the faces is 8) are

$$A = \{(2, 6), (3, 5), (4, 4), (5, 3), (6, 2)\}$$

The favourable outcomes to the event B (Double means both dice have the same number) are

$$B = \{(1, 1), (2, 2), (3, 3), (4, 4), (5, 5), (6, 6)\}$$

$\therefore A \cap B = \{(4, 4)\}$.

Now $P(A) = \frac{5}{36}$, $P(B) = \frac{6}{36}$, $P(A \cap B) = \frac{1}{36}$

Thus, the probability of A or B is

$$P(A \cup B) = \frac{5}{36} + \frac{6}{36} - \frac{1}{36} = \frac{10}{36} = \frac{5}{18}$$

430 MATHEMATICS

Chanpreet Kaur

Deepika 23BCOMH81

Sakshi 23SOCIO1834

VARSHA 23PHILO1839

KUMARI 23BAP588

Palak Mishra

GPS Map Camera

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Lat 28.64714° Long 77.187914°
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Deepika 23BCOMH81 (Presenting)

Deepika 23BCOMH81

Zubeer Ahmed

KRITI 23BAP1537

Sakshi 23SOCIO1834

KAMINI 23BAP670

VARSHA 23PHILO18...

Palak Mishra

4 others

BUSHRA 22polscl10...

GPS Map Camera

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