

Department of Applied Science and Humanities
Invertis University, Bareilly

CIRCULAR

Value Added Course (Mathematics for Competitive Examinations)

Students of MSc. (Maths), BSc. (H) Maths, & BSc. (PCM) are hereby informed that the Value Added Course (VAC) is scheduled from 16-10-18 in your respective classrooms at Academic Block – 1.

Schedule:

- Time Slot: 3 pm – 5 pm
- Key Speaker: Mr. Ashutosh Pradhan
- Duration: 2 hours

Program Overview

The entire objective of this VAC is to develop an orientation regarding specialized course and setting up a comprehensive capacity for building the professional mechanism. The course is committed to produce highly professional human resource by providing them requisite training and education. The idea has been largely to provide perceptive thinking about the dynamics of the discipline for the students willing to join the industry. The curriculum has been carefully crafted to make the technical, theoretical and practical ends meet. With the testimonies and feedback the program developers have been able to evolve a new breed of professionals and set up new benchmarks for achieving newer heights in content development and course delivery.

Dr. Kamlesh Kumar Dubey
(Head of the Department)

Department of Applied Science and Humanities
Invertis University, Bareilly



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Faculty of Science
Invertis University, Bareilly (U.P.)



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Head
Department of Applied Science
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**VALUE ADDED COURSE
(MATHEMATICS FOR
COMPETITIVE EXAMINATIONS)**

Programs: BSc(H) Maths and MSc (H) Maths

Time: 3:00 PM to 5:00 PM

Dates: October 2019 - December 2019

Course Coordinator: Dr Ashutosh Pradhan

Hod: Dr KK Dubey

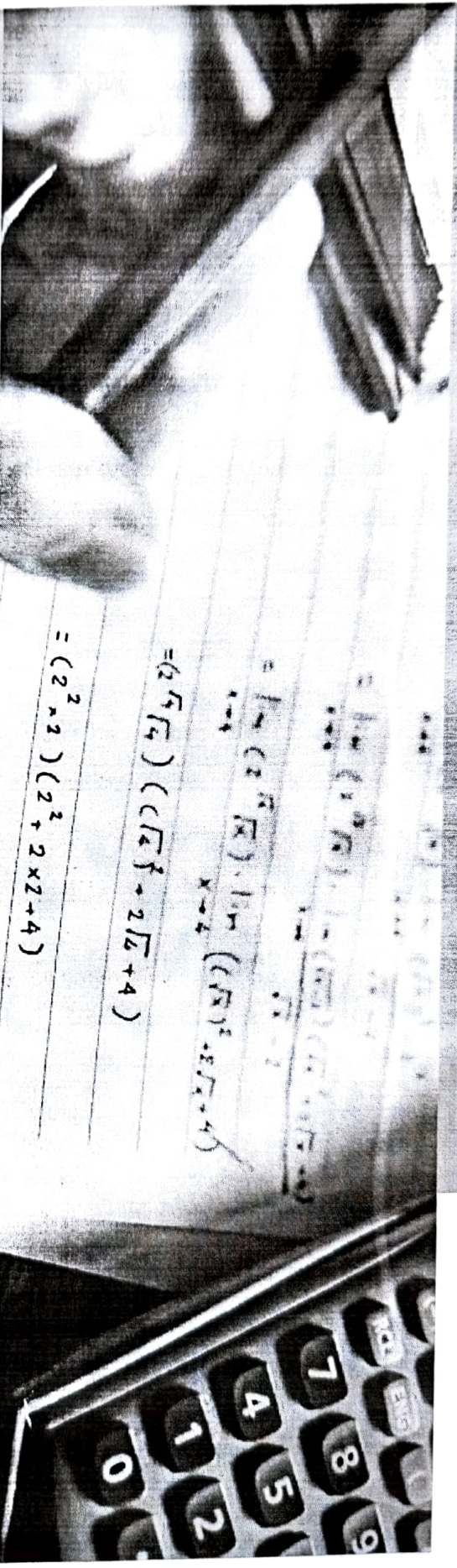
Ashutosh Pradhan
π

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$$d = \sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$$

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Learn Entry level concepts for almost all the high level Mathematics Exams. This Course include explanations and problem solving on everything from Basics of Mathematics which are quite useful for all the competitive Exams. This course will build problem solving skills in you and will set you up to face difficult high level topics like Number theory, Combinatorics and Calculus.

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INVERTIS UNIVERSITY
DEPARTMENT OF APPLIED SCIENCES AND HUMANITIES
VALUE ADDED COURSE: Mathematics for Competitive Exams

Course Code: ASH01

Hours: 60

Course Outline:

Unit 1:

- Numbers- H.C.F and L.C.M of Numbers
- Decimal Fractions, Boats and Streams
- Mixture, Simple Interest, Compound Interest

Unit 2:

- Simplification
- Square Roots and Cube Roots
- Average, Logarithms
- Area
- Volume and Surface Areas.

Unit 3:

- Problems on Numbers
- Problems on Ages
- Surds and Indices

Unit 4:

- Percentage
- Profit and Loss
- Ratio and Proportion
- Partnership, Stocks and Shares
- Permutations and Combinations
- Probability.

Course Outcomes:

1. To nurture the fundamental Mathematical skills for preparing and cracking Competitive examination.
2. To kindle the problem solving ability of the students.



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Subject Name: Mathematics for Competitive Examinations ; Subject Code: AST01

Course Type: Value Added Course; Duration: 07.07.2019 - 07.10.2019 (40 Hours)

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S.No	Dean Faculty of Science	Roll No.	Name	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
1	M.Sc. (Maths) - III	1820804002	HEMANT KUMAR	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2	M.Sc. (Maths) - III	1820804003	DHEERAJ KUMAR	P	P	P	P	P	P	1	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3	M.Sc. (Maths) - III	1820804004	ARJUN GANGWAR	P	P	P	P	P	P	1	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
4	M.Sc. (Maths) - III	1820804005	AKANSHA GUPTA	P	P	A	P	P	P	1	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5	M.Sc. (Maths) - III	1820804006	ASHIYA KHAN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6	M.Sc. (Maths) - III	1820804007	GAUTAM ARORA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
7	M.Sc. (Maths) - III	1820804008	RENU MOURYA	P	P	P	P	P	P	1	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
8	M.Sc. (Maths) - III	1820804009	PARVEJAKHTAR ANSARY	P	P	P	P	P	P	1	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
9	M.Sc. (Maths) - III	1820804011	KMANJALI KUMARI	P	A	P	P	P	P	1	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
10	B.Sc. (H) Maths - III	1810807001	SACHIN KUMAR	A	P	P	P	P	P	1	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
11	B.Sc. (H) Maths - III	1810807002	SHAURYA PRATAP SINGH	P	P	P	P	P	P	1	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
12	B.Sc. (H) Maths - III	1810807004	KASHISH KAPOOR	A	P	P	P	P	P	1	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
13	B.Sc. (H) Maths - III	1810807005	PANKAJ VERMA	P	P	P	P	P	P	1	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
14	B.Sc. (H) Maths - III	1810807006	KAILASH RAJPUT	P	P	P	P	P	P	1	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
15	B.Sc. (H) Maths - III	1810807007	SHREYA SINGH	P	P	P	P	P	P	1	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
16	B.Sc. (H) Maths - III	1810807008	SHIVAM GUPTA	A	P	P	P	P	P	1	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17	B.Sc. (H) Maths - III	1810807009	PRIYANKA PATEL	P	P	P	P	P	P	1	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18	B.Sc. (H) Maths - III	1810807010	RUKMANI	P	P	P	P	P	P	1	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
19	B.Sc. (H) Maths - III	1810807011	AMAN PATEL	A	P	P	P	P	P	1	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
20	B.Sc. (H) Maths - III	1810807012	MOKSHA VERMA	P	P	P	P	P	P	1	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
21	B.Sc. (H) Maths - III	1810807013	RAJKUMAR DIWAKAR	P	A	P	P	P	P	1	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
22	B.Sc. (H) Maths - III	1810807014	NIITISH CHANDRA SHUKLA	P	P	P	P	P	P	1	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
23	B.Sc. (H) Maths - III	1810807015	ANSHIKA GANGWAR	P	P	P	P	P	P	1	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
24	B.Sc. (H) Maths - III	1810807016	HARSHIT GUPTA	P	P	P	P	P	P	1	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
25	B.Sc. (H) Maths - III	1810807017	KOMAL SINGH	P	A	P	P	P	P	1	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
26	B.Sc. (H) Maths - III	1810807018	AJESH KUMAR	P	P	P	P	P	P	1	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
27	B.Sc. (H) Maths - III	1810807019	ARCHANA SINGH NEGI	P	P	P	P	P	P	1	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
28	B.Sc. (H) Maths - III	1810807020	KMANSHIKA SINGH	P	P	P	P	P	P	1	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
29	B.Sc. (H) Maths - III	1810807021	SAMAJJIT CHHEMMA	P	P	P	P	P	P	1	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
30	B.Sc. (H) Maths - III	1810807022	PRAVEEN KUMAR	P	P	P	P	P	P	1	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

Dr. Pooja Singh
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69	B.Sc (H) Maths - V	1710807029	PRACHI SANGA																				
70	B.Sc (H) Maths - V	1710807030	DEEKSHA																				
71	B.Sc (H) Maths - V	1710807031	LAVI GANGWAR																				
72	B.Sc (H) Maths - V	1710807032	VISHAL GANGWAR																				
73	B.Sc (H) Maths - V	1710807033	MANSI DAMI																				
74	B.Sc (H) Maths - V	1710807034	SHWANG DEWAL																				
75	B.Sc (H) Maths - V	1710807035	LOKESH GANGWAR																				
76	B.Sc (H) Maths - V	1710807037	AJIT SINGH																				
77	B.Sc (H) Maths - V	1710807039	ANKIT ROY																				
78	B.Sc (H) Maths - V	1710807041	APARNA BHARTI																				
79	B.Sc (H) Maths - V	1710807042	ABHISHEK KUMAR PANDEY																				
80	B.Sc (H) Maths - V	1710807043	MUSKAN																				

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