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ETS Enhanced
Test
Series
AIEEE - 2010

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Vidyasagar

Leader in Entrance Exams Coaching

Examination Pattern of AIEEE (for B.E./B.Tech)

The AIEEE examination is conducted every year in the month of April or May after the HSC board / CBSE examination. 15% seats are under state quota for selected institutions.

Paper	Subjects Covered	Paper pattern
Paper 1	Physics, Chemistry & Maths	Objective type paper with equal weightage to all 3 subjects alongwith 1/4th negative marking for incorrect response.
Paper 2	B.E./B.Tech Aspirants are not required to appear for this paper.	

Program Features

1. Faculty contact after every 3 tests.
2. Reference books will be provided
3. Central Assessment facility
4. Online difficulty corner

Program Structure

1. There will be a test every Saturday.
2. Syllabus covered in the previous test will also be there for successive test.
3. Total tests = 21 + 5 full length Mock AIEEE Test after 12th exams.
4. 7 Faculty contact sessions for regular tests & it will also be held after 2nd / 4th / 5th mock AIEEE
5. 5 Unit Tests - Take home

TOPIC & TEST SEQUENCE

CHEMISTRY					
Set	Topic	Topic name	Set	Topic	Topic name
1	1	Basic Principles and Structure of Atoms	4	17	Nuclear Chemistry
	2	Molecules and Chemical Bond		18	Chemistry of Group VA and VIA
	3	Periodic Properties of Matter		19	Halogens and Nobel Gases
	4	Measurement & Calculations in Chemistry and States of Matter		20	Chemistry of Transition Elements
2	5	Chemistry of H ₂ , H ₂ O, H ₂ O ₂ , Group IA and IIA		21	Co-Ordination Coumpounds and Organometallics
	6	Chemistry of Group IIIA and IV A		22	Organic Chemistry : Nitrogen Containing Compounds
	7	Organic Chemistry : Nomenclature, General Aspects and Purification	5	23	Electrochemistry
	8	Organic Chemistry : Hydrocarbons		24	Synthetic and Natural Polymers
	9	Chemical Equilibrium and Ionic Equilibrium		25	Chemistry of Living State
	10	Surface Chemistry		26	Chemistry Of Biomolecules & Biological Processes and Chemistry in Action
3	11	Organic Chemistry : Halogen Derivatives		27	Environmental Chemistry
	12	Organic Chemistry : Oxygen Containing Compounds - I			
	13	Organic Chemistry : Oxygen Containing Compounds - II			
	14	Chemical Reactions and Energetics			
	15	Solutions			
	16	Chemical Kinetics			

PHYSICS		
Set	Topic	Topic name
1	1	Mechanics I (Units, Dimensions, Newton's Laws of Motions and Motion in One and Two Dimensions)
	2	Mechanics II (Work, Energy, Power, Collisions, Fluid Mechanics and Errors in Calculations)
	3	Heat and Thermodynamics
	4	Ray Optics
2	5	Circular Motion, Gravitation
	6	Current electricity
	7	Electrostatics
	8	Kinetic theory of gases, Radiation
3	9	Oscillations
	10	Rotational Motion
	11	Electromagnetic induction
	12	Semiconductors
4	13	Elasticity and surface tension
	14	Magnetic effect of electric current.
	15	Magnetostatics
	16	Waves
5	17	Wave Optics
	18	Electromagnetic Waves and Communication
	19	Dual Nature of Matter and Radiation
	20	Atoms, Molecules and Nuclei

MATHEMATICS		
Set	Topic	Topic name
1	1	Quadratic Equations
	2	Sequences & Series
	3	Trigonometry
	4	Complex Numbers – I
2	5	Matrices & Determinants
	6	Rectangular Co-ordinate Systems and Straight Lines
	7	Circles and Family of Circles
	8	Vector Algebra
	9	Three Dimensional Geometry
	10	Conic Sections
3	11	Complex Numbers - II
	12	Sets, Relations and Functions
	13	Functions, Limits, Continuity and Differentiability
	14	Derivatives and Applications of Derivatives
	15	Differential Equations
	16	Integration
4	17	Permutations and Combinations
	18	Mathematical Inductions and Its Applications
	19	Binomial Theorem and Its Applications
	20	Probability
5	21	Central Tendency and Dispersion
	22	Mathematical Logic

Sr.No.	Test Dates	Physics	Chemistry	Mathematics	Faculty Contact
1	20-Jun-09	1	1 - 2	1 - 2	11-Jul-09
2	27-Jun-09	1 - 2	1 - 3	1 - 3	
3	04-Jul-09	1 - 3	1 - 4	1 - 4	
4	18-Jul-09	1 - 4	1 - 5	1 - 5	08-Aug-09
5	25-Jul-09	1 - 5	1 - 6	1 - 6	
6	01-Aug-09	1 - 6	1 - 7	1 - 7	
7	22-Aug-09	1 - 7	1 - 8	1 - 8	12-Sep-09
8	29-Aug-09	1 - 8	1 - 9	1 - 9	
9	05-Sep-09	1 - 9	1 - 10	1 - 10	
10	19-Sep-09	1 - 10	1 - 12	1 - 11	10-Oct-09
11	26-Sep-09	1 - 11	1 - 13	1 - 12	
12	03-Oct-09	1 - 12	1 - 14	1 - 13	
13	24-Oct-09	1 - 13	1 - 15	1 - 14	14-Nov-09
14	31-Oct-09	1 - 14	1 - 17	1 - 15	
15	07-Nov-09	1 - 15	1 - 18	1 - 16	
16	21-Nov-09	1 - 16	1 - 20	1 - 17	12-Dec-09
17	28-Nov-09	1 - 17	1 - 21	1 - 18	
18	05-Dec-09	1 - 18	1 - 22	1 - 19	
19	19-Dec-09	1 - 19	1 - 23	1 - 20	16-Jan-10
20	26-Dec-09	1 - 20	1 - 25	1 - 21	
21	09-Jan-10	1 - 20	1 - 27	1 - 22	

Fees Structure

Centers	Existing Vidyasagar students			Other students		
	Fees	Service tax	Total	Fees	Service Tax	Total
Mumbai	8,000.00	824.00	8,824.00	10,000.00	1,030.00	11,030.00
Pune	6,500.00	669.50	7,169.00	7,900.00	813.00	8,713.00
Nashik	6,000.00	618.00	6,618.00	7,500.00	772.50	8,272.00

Fees Concession for Meritorious students***

For all students who scored 91% & above in SSC / CBSE / ICSE or equivalent in Maths and Science together will get a fee concession of 30% and 1 free reference book for AIEEE.

For all students who scored between 80% & 90% in SSC / CBSE / ICSE or equivalent in Maths and Science together will get a fee concession of 20% and 1 free reference book for AIEEE.

	For Vidyasagar Students			For other students		
	Fees	Service tax	Total	Fees	Service tax	Total
Mumbai						
91% & Above	5,600.00	576.80	6,176.00	7,000.00	721.00	7,721.00
Between 80% to 90%	6,400.00	659.20	7,059.00	8,000.00	824.00	8,824.00
Pune						
91% & Above	4,550.00	468.65	5,018.00	5,530.00	569.59	6,099.00
Between 80% to 90%	5,200.00	535.60	5,735.00	6,320.00	650.96	6,970.00
Nashik						
91% & Above	4,200.00	432.60	4,632.00	5,250.00	540.75	5,790.00
Between 80% to 90%	4,800.00	494.40	5,294.00	6,000.00	618.00	6,618.00

Admission Procedure

- Admission form duly filled in and signed. Form is available with the Prospectus or is available at www.vidyasagar.com
- 3 passport size photographs [One pasted (please paste and do not staple) on the admission form + 2 loose]. Your name should be clearly written at the backside of loose photographs.
- Photocopy of Std. Xth mark sheet.
- Fees : Fees can be paid by local Cheque, cash or DD (payable at Mumbai) at any of our offices. Students residing at places other than our branches should send completed admission forms with enclosures and fees by D.D. payable at Mumbai in favour of Vidyasagar Classes to Mumbai H.O. Only.

(Note : Admissions are complete subject to submission of above relevant documents at the time of admission.)

Fees and service tax, once paid, are non-refundable, non-transferable, and non-adjustable under any circumstances.

Success has been our tradition of producing rankers year after year.

MHT-CET '08 (Engg.)

Asso-CET '08

PGMCET - 2009



Prashant Agrawal
200/200 PCM



Manali Shilotri
Std. XII 94.17%



Dr. Ketankumar Gandhi



Dr. Ashish Bhutada



Dr. Poonam Dabhade

For more assistance call : 9820236274



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