

Master Math for JEE Main & JEE Advanced

Crash Courses designed specifically for students who want to improve their percentile & score in upcoming JEE Main & JEE Advanced exam. **Tap on the banners to know more.**

For JEE Main 2020 April



JEE MAIN APRIL CRASH COURSE
TARGET 99+ PERCENTILE IN MATH

REGISTER NOW
Limited Seats!



For JEE Advanced 2020



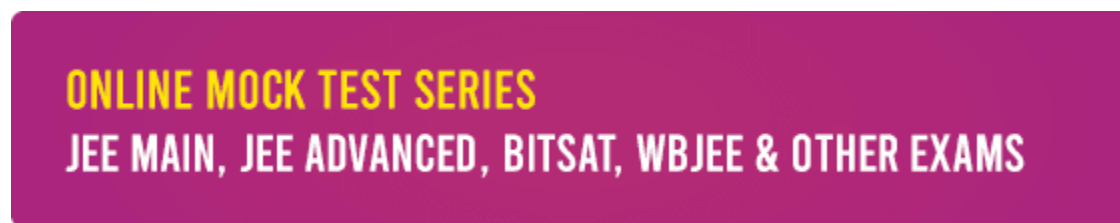
JEE ADVANCED CRASH COURSE
TARGET YOUR DREAM IIT

REGISTER NOW
Limited Seats!



Online Mock Test Series

Take online mock tests for a solid practice for your upcoming JEE Main, JEE Advanced, BITSAT & other competitive exams. All the subjects are included. **Tap on the banner.**



ONLINE MOCK TEST SERIES
JEE MAIN, JEE ADVANCED, BITSAT, WBEE & OTHER EXAMS

Free Study Materials

Download PDF of study materials like notes, formula sheets, practice questions, previous year question papers from our website. Visit www.mathongo.com now!

JEE Mains 2020 Jan Chapter wise Question Bank

Purification and Characterization of Organic Compounds

Q1

Metal with low melting point containing impurities of high melting point can be purified by

- (1) Zone refining (2) Vapor phase refining
(3) Distillation (4) Liquefaction

7th Jan Evening

Sol

- (4)
Theory based

Q2

Two liquids isohexane and 3-methylpentane has boiling point 60°C and 63°C. They can be separated by

- (1) Simple distillation and isohexane comes out first.
(2) Fractional distillation and isohexane comes out first.
(3) Simple distillation and 3-Methylpentane comes out first.
(4) Fractional distillation and 3-Methylpentane comes out first.

8th Jan Morning

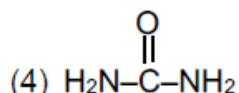
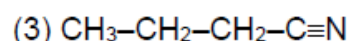
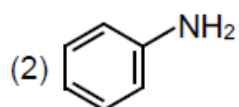
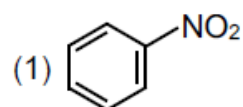
Sol

- (2)
Liquid having lower boiling point comes out first in fractional distillation. Simple distillation can't be used as boiling point difference is very small.

Q3

Kjeldahl method cannot be used for :

निम्न में से किस यौगिक के लिए जैल्डाहल विधि का उपयोग नहीं किया जा सकता है।



Sol

(1)

Kjeldahl method is not applicable to nitro or diazo groups present in the ring, as nitrogen atom can't be converted to ammonium sulfate under the reaction conditions.



mathongo

Master Math for JEE Main & JEE Advanced

Crash Courses designed specifically for students who want to improve their percentile & score in upcoming JEE Main & JEE Advanced exam. **Tap on the banners to know more.**

For JEE Main 2020 April



JEE MAIN APRIL CRASH COURSE
TARGET 99+ PERCENTILE IN MATH

REGISTER NOW
Limited Seats!



For JEE Advanced 2020



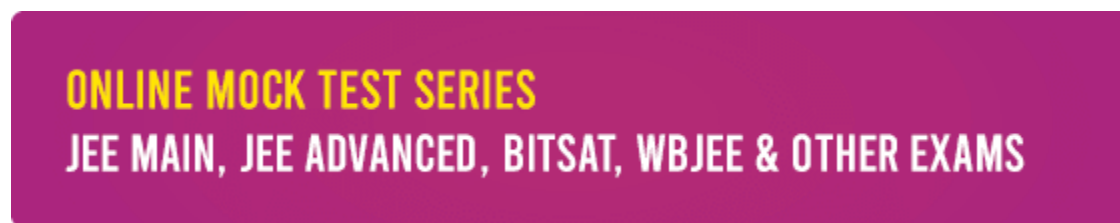
JEE ADVANCED CRASH COURSE
TARGET YOUR DREAM IIT

REGISTER NOW
Limited Seats!



Online Mock Test Series

Take online mock tests for a solid practice for your upcoming JEE Main, JEE Advanced, BITSAT & other competitive exams. All the subjects are included. **Tap on the banner.**



ONLINE MOCK TEST SERIES
JEE MAIN, JEE ADVANCED, BITSAT, WBEE & OTHER EXAMS

Free Study Materials

Download PDF of study materials like notes, formula sheets, practice questions, previous year question papers from our website. Visit www.mathongo.com now!