

## 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



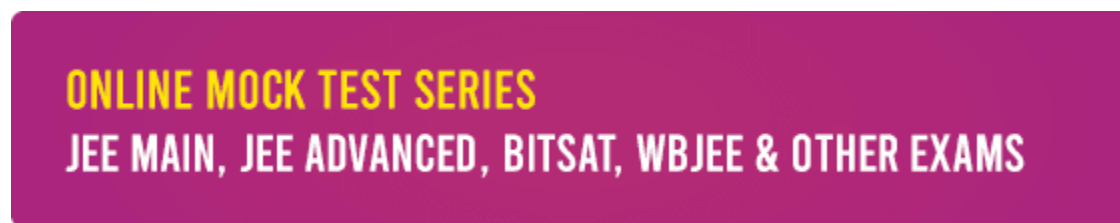
**JEE ADVANCED CRASH COURSE**  
**TARGET YOUR DREAM IIT**

**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](http://www.mathongo.com) now!

## JEE Mains 2020 Jan Chapter wise Question Bank

## p-Block Elements

Q1

Oxidation state of potassium in  $K_2O$ ,  $K_2O_2$  &  $KO_2$  are respectively – $K_2O$ ,  $K_2O_2$  तथा  $KO_2$  में पोटेशियम की ऑक्सीकरण अवस्था क्रमशः है –

(1) +1, +1, +1

(2) +1, +2, +4

(3) +1, +2, +2

(4) +1, +4, +2

7<sup>th</sup> Jan Morning

Sol

(1)

Q2

Number of S–O bond in  $S_2O_8^{2-}$  and number of S–S bond in Rhombic sulphur are respectively: $S_2O_8^{2-}$  में S–O बंधों की संख्या तथा रोहम्बीक सल्फर में S–S बंधों की संख्या क्रमशः है –

(1) 8, 8

(2) 6, 8

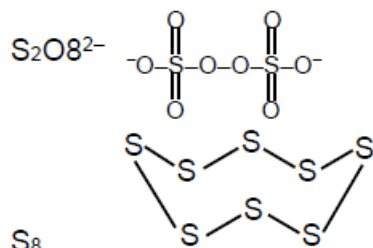
(3) 2, 4

(4) 4, 2

8<sup>th</sup> Jan Morning

Sol

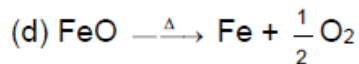
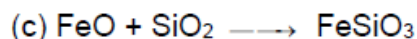
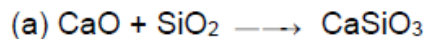
(1)



Q3

Which reaction does not occurs in the blast furnace in the metallurgy of Fe

कौनसी अभिक्रिया Fe के धातुकर्म में वात्या भट्टी में सम्पन्न नहीं होती है?



(1) a & b

(2) a, b & c

(3) c & d

(4) a, b, c, d

8<sup>th</sup> Jan Evening

Sol

(3)

Theory based

Q4

Which of the following can not act as both oxidising and reducing agent ?

निम्न में से कौन ऑक्सीकारक तथा अपचायक दोनों के समान व्यवहार नहीं कर सकता है?

(1)  $\text{H}_2\text{SO}_3$

(2)  $\text{HNO}_2$

(3)  $\text{H}_3\text{PO}_4$

(4)  $\text{H}_2\text{O}_2$

9<sup>th</sup> Jan Morning

Sol

(3)

As in  $\text{H}_3\text{PO}_4$  Phosphorous is present it's maximum oxidation number state hence it cannot act as reducing agent.

Q5

First Ionisation energy of Be is higher than that of Boron.

Select the correct statements regarding this

(i) It is easier to extract electron from 2p orbital than 2s orbital

(ii) Penetration power of 2s orbital is greater than 2p orbital

(iii) Shielding of 2p electron by 2s electron

(iv) Radius of Boron atom is larger than that of Be

(1) (i), (ii), (iii), (iv)

(2) (i), (iii), (iv)

(3) (ii), (iii), (iv)

(4) (i), (ii), (iii)

9<sup>th</sup> Jan Morning

Sol

(4)

Theory Based.

Q6



## 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



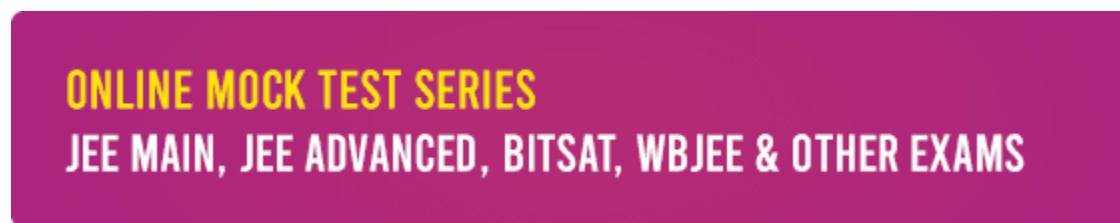
**JEE ADVANCED CRASH COURSE**  
**TARGET YOUR DREAM IIT**

**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](http://www.mathongo.com) now!