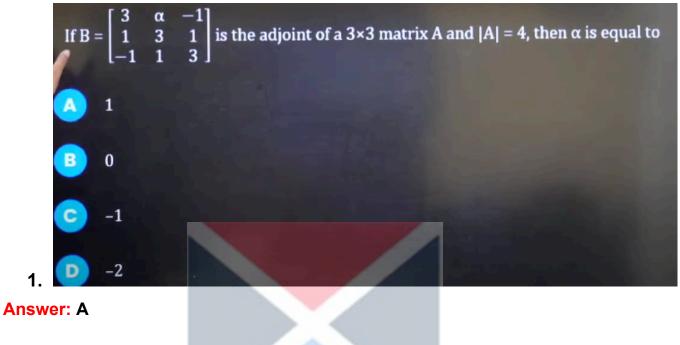
MHT CET 2024 PCM May 2 Shift 2 Answer Key



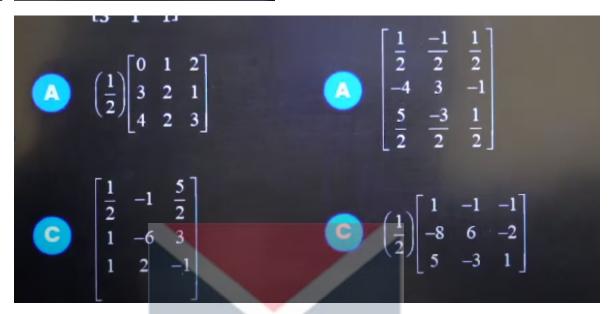
IUPAC name of given ether is.....

2.

Answer: Methoxy ethane

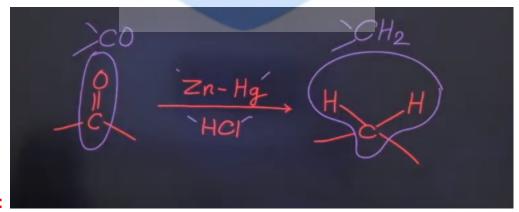
If
$$A = \begin{bmatrix} 0 & 1 & 2 \\ 1 & 2 & 3 \\ 3 & 1 & 1 \end{bmatrix}$$
, then $A^{-1} =$

3.



Answer: A (on the right side)

Which of the following is Clemmensen reduction?

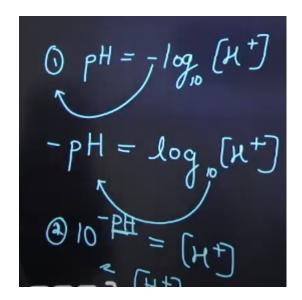


Answer:

Which element shows lower oxidation state in 3d series? 5. Sc Ti Zn None **Answer: C** Calculate pH of..... 6. **Answer:**

What is the conc. Of H^+ ion if pH is 2.7

7.



Answer:

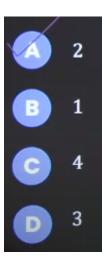
The relationship between solubility of gas in a liquid at constant temperature and external pressure is ?

8.



Answer:

How many unit particles in BCC Unit cell?



Answer: A

10.

Answer: PCC

Edge length of bcc unit cell is.....

 $\sqrt{3} \alpha = 47$ edge
length

Answer:

Preliminary Test of Nanoparticles is

A x-ray diffraction

B Scanning of neutron

C Scanning of electron

None of these

Answer: D

12.

IUPAC name of following Haloarene is......

13.

Answer: "halo-" + parent hydrocarbon name

The converse of $((\sim p) \land q) \Rightarrow r$ is

Answer: C

15.

The negative of
$$(p \land (\sim q)) \lor (\sim p)$$
 is equivalent to :

A $p \land q$

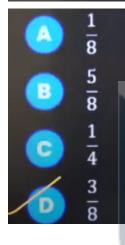
B $P \land (\sim q)$

C $p \land (q \land (\sim p))$

D $P \lor (q \lor (\sim p))$

Answer: A

The variance of the following probability distribution is,



Answer: D