

MHT CET Apr 27 Shift 1 Answer Key

1.

For irreversible expansion of an ideal gas under isothermal condition the correct option is

Ans: $\Delta U=0$

2.

The atomic radius of Ag is closest to

Ans: Au

3.

The IUPAC name of the complex ion formed when gold dissolves in aqua regia is :

Ans: Tetrachloroaurate III

4.

The metal that cannot be obtained by electrolysis of an aqueous solution of its salts is:

Ans: Ca

5.

An example of a sigma bonded organometallic compound is:

Ans: Grignard's Reagent

6.

The reagent used in the Etard reaction is.....

Ans: Chromyl Chloride

7.

Which of the following is not a neutral ligand?



Ans: ONO

8.

How many lattice points in BCC Structure?

Ans: 9

9.

A metallic sphere of radius R is charged to a potential V the magnitude of the electric field at a distance r ($r > R$) from the centre of the sphere is

Ans: v/r

10.

The coefficient of performance of a refrigerator is 5 if the temperature inside freezer is -20°C the temperature of the surrounding to which it rejects heat is

- A A
- B A
- C A
- D A

Ans: 303 K