

EXAM PATTERN QUESTIONS

NEET 2020

CHEMISTRY

NEET 2020 CRASH COURSE

NEET 2020 crash courses provides a preparation strategy & direction, a speedy revision and getting a high score for NEET 2020 in 30-60 days. It is a focused course for the NEET aspirant's full preparation through a final mock test with important exam pattern, solving past questions and emphasize on the formulas to crack the NEET 2020.

○ Important problem-solving and revision of all important topics with the last 7 years NEET analysis. ○ Providing problem-solving tips and tricks for the exam. ○ 100% NEET pattern questions with detailed solutions. ○ Those questions are the focus on chapters with a high weight. ○ Misconceptions and repeated errors are cleared by the faculties. ○ The questions of complete syllabus designed by the experienced Misostudy faculty team. ○ Boosts confidence in students so that they can score well.

- 34.2g of sucrose ($C_{12}H_{22}O_{11}$) are dissolved in 90g of water in a glass. The number of oxygen atoms in the solution are :
 - 3.66×10^{24}
 - 6.6×10^{23}
 - 6.02×10^{20}
 - 6.02×10^{22}
- What volume of oxygen gas (O_2) measured at $0^\circ C$ and 1 atm, is needed to burn completely 1 L of propane gas (C_3H_8) measured under the same conditions ?
 - 6 L
 - 5 L
 - 10 L
 - 7 L
- Suppose the elements X and Y combine to form two compounds XY_2 and X_3Y_2 . When 0.1 mole of XY_2 weighs 10g and 0.05 mole of X_3Y_2 weighs 9g, the atomic weights of X and Y are
 - 40, 30
 - 60, 40
 - 20, 30
 - 30, 20

4. How many spectral lines are produced in the spectrum of hydrogen atom from 5th energy level?
(a) 5
(b) 10
(c) 15
(d) 4
5. The number of radial and angular nodes in 3p orbital are
(a) 1, 0
(b) 2, 1
(c) 1, 1
(d) 2, 0
6. The value of Planck's constant is $6.63 \times 10^{-34} \text{ J s}$. The speed of light is $3 \times 10^{17} \text{ nm s}^{-1}$. What is the uncertainty in its position (in nm)?
($h = 6.626 \times 10^{-34} \text{ J s}$)
(a) 50
(b) 75
(c) 10
(d) 25
7. Atom of which of the following elements has the greatest ability to attract electrons ?
(a) silicon
(b) sulphur
(c) sodium
(d) chlorine
8. The correct order of ionisation enthalpy of C, N, O, F is
(a) $C < O < N < F$
(b) $C < N < O < F$
(c) $F < N < C < O$
(d) $F < O < N < C$
9. Generally, the first ionization enthalpy increases along a period. But there are some exceptions. One which is NOT an exception is
(a) N and O
(b) Na and Mg
(c) Mg and Al
(d) Be and B
10. The paramagnetic behaviour of B_2 is due to the presence of
(a) 2 unpaired electrons in π_b MO
(b) 2 unpaired electrons in π^* MO
(c) 2 unpaired electrons in σ^* MO
(d) 2 unpaired electrons in σ_b MO