







PART-B
1. Write the correct answer choosing from the options given
1. Write the correct answer choosing from the options given against each question:
In which kind of defects cations are present in the interstitial
a Frenkel delect (Schottky delect (Vacancy delect
@ Frenkel defect (Schottky defect (Vacancy defect () metal deficiency defect.
2. Maximum amount of a solid solute that can be dissolved in a specified amount of a given liquid solvent does no
depend upon — @temperature B nature of solute @pressure D nature of solvent.
D'nature of solvent.
3/The cell constant of a conductivity cell -
O Clarges with change of electrolyte
3./The cell constant of a conductivity cell— @ Clarges with cange of electrolyte B clarges with change of concentration of electrolyte C clarges with temperature of electrolyte
a) remains constant for a cell.
4.50% of a first order reaction is completed in 1.26x 10 ¹⁴ s.
4.50% of a first order reaction is completed in 1.26×10 ¹⁴ s. How much time would it take for 100% completion— (2) 1.26×10 ¹⁵ s (3) 2.52×10 ¹⁴ s (2) 2.52×10 ²⁸ s (2) infinite
The fighest covalency of nitrogen is -
@ 3 B 5 O 4 a 6
which of the following titanium compounds cannot be prepared
(Atomic No. 6+ 71 = 22)
@ Tio BTio2 OK2Tio4 @ Till2



