

VITEEE 2022 July 1 Question Paper

(Memory-Based)

Ques. Write down the structure of picric acid

Ques. The orthocentre of the triangle formed by the lines... lies in which quadrant

Ques. Coin is tossed till heads is obtained what is expectation of no. of coin tosses(1,2,3,0)

Ques. Which alkali give red colour on flame test

Ques. What is Acrolein?

Ques. Photocell is present in?

Ques. $\cos x + y \cos x \cos x - y$ are in hp then $\cos x \cdot \sec y / 2$ is

A) $\sqrt{3}$

B) $\sqrt{2}$

C) 1

D) $1/\sqrt{2}$

Ques. Volatility of following solutions : H_2O , H_2Se , H_2Te , H_2PO

Ques. The probability of getting atleast 4 heads from 6 chances of tossing a coin

Ques. In English unseen passage from flamingo class 12th book

Ques. The half-life period of a radioactive element X is same as the mean lifetime of another radioactive element Y. Initially, both of them have the same number of atoms. Then...

Ques. 3 dies are thrown find the probability of all 3 faces having different numbers(5/9)

Ques. Which isotope is used in cancer treatment

Ques. Which of the following is the root modification

Ques. Which of the following lanthanides are in tv screen Eu/Ce/Tb/Dy

Ques. The area between $y=x^2$ and $y=8-x^2$

Ques. Which element has more electron gain enthalpy among chalcogen group?

Ques. Antenna with frequency... transmit max energy at distance..

Ques. What is degree of dissociation of 0.05 N NH_3 if pK_a is 4.75 and pH is 11 (2%, 0.2%, 0.5%, 5%)

Ques. A projectile launched vertically from the earth with speed... hits satellite at the height... moving with speed... If both have the same mass M what is the common velocity if

they move together after the collision?

Ques. If object is viewed through liquid of $n=4/3$, 6 cm long object at height 10cm...apparent height? Apparent dist? (7.5 same height; 2.5, 4cm long object; 2.5, 6cm long object)

Ques. When P is connected to the positive terminal and n is connected to the negative terminal then it is?

Ques. Number of odd days's up to the year 2000

