## VITEEE 2022 July 3 Question Paper (Memory-Based)

**Ques.** Find the solution of the equation dy/dx = 1/cos(x+y)

Ques. What are isoelectronic species

**Ques.** Find the area enclosed by  $y=x^2$  and y=x+2

Ques. Which is deflected by the magnetic field?

A) X rays

B) Gamma rays

C)Alpha particle

D)Neutron

Ques. Which is the structure of glutaric acid?

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Ques. Products when H<sub>2</sub>SO<sub>4</sub> is reacted with sucrose

**Ques.** Find the area enclosed by  $y=x^2$  and y=x+2

Ques. What is the drift velocity of metals?

Ques. Which day is 6the September 2021?

Ques. RCHO is converted into RCH<sub>3</sub> using zinc amalgam and concentrated HCl this

reduction is called as

Ques. What happens when CU metal is immersed in ferrous sulphate

Ques. How many odd days are there in 100 years?

Ques. Which of the following shows Frenkel's defect?

**Ques.** Find the solution of the equation dy/dx = 1/cos(x+y)

Ques. What gives CO and CO<sub>2</sub> when they react with  $H_2SO_4$ 

**Ques.** Find the area enclosed by  $y=x^2$  and y=x+2

**Ques.** Find the equation of hyperbola whose eccentricity is 3/4 and the distance between foci and directrix is 16.

 $\ensuremath{\textbf{Ques.}}$  The average production of rice from the graph is

Ques. Which is the structure of glutaric acid?

