

KVPY Interview Important Questions General Part 2

Q: 54. What is the remainder when $1! + 2! + 3! + \dots + 1000!$ is divided by 12?

Q: 55. What do you wish to choose as your career future prospect?

Q: 56. What are your career objectives? How will you be pursuing your career?

Q: 57. If we increase the current drawn from the cell. Potential difference across the cell : increase, decrease OR remain same.

Q: 58. Two soap bubbles of radius r and R ($r < R$) are connected by a tube. What will be the final shape of bubbles.

Q: 59. Evaluate: $\int \sqrt{\tan\theta} d\theta$

Q: 60. A current carrying wire is placed perpendicular to the plane upward and current is flowing in upward direction. Point P is towards east and Q is towards west magnetic field at which point will be greater.

(A) P

(B) Q

Q: 61. What is the significance of IUPAC name? Give IUPAC name of an Enoic acid.

Q: 62. $|\vec{A} + \vec{B}| \geq |\vec{A}|$ find ' θ ' $\left(L - \frac{b}{w} \vec{A} + \vec{B} \right)$?

Q: 63. $\text{HCOOH} + \text{Na} \rightarrow ?$

Q: 64. $\text{HCOOH} + \text{Fehling solution} \rightarrow ?$

Q: 65. $\text{CH}_3 - \begin{array}{c} \text{C} \\ || \\ \text{O} \end{array} - \text{CH}_3 + \text{Fehling solution} \rightarrow ?$

Q: 66. What is your aim, and why?

Q: 67. What attracted you towards Science?

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