BITSAT 6th Aug 2021 Memory-Based Questions – CollegeDekho Exclusive

- Which instrument is used to measure inertial mass?
- Logical reasoning : 4,16,64,X,180,Y. Find X and Y (X has 2 options: 100 and 98)
- SI unit of Boltzmann's constant
- Solve the differential equation: $xdy - y[1+\log(y/x)] = 0$.
- KMnO4 is coloured due to
- Find area btw $y = \cos2x$ and $y = \sin2x$ in ($0 \le x \le \pi/4$)
- The coefficients a,b,c of equation ax^2+bx+c are in GP. Comment on nature of roots
- Integration of $1/[x - x^2]$. In limits 1/2 to 0
- Find the sum of all factors of 216 (including1 and 216)
- What result did rutherford obtain throu his experiment (related to nucleus and electrons)