

NABADWIP VIDYASAGAR COLLEGE

PART III (GENERAL), 2020

Paper – IV

- The relative percentage error in approximate representation of $\frac{4}{3}$ by 1.33 is
a) 0.20% b) 0.25% c) 0.50%
- The Newton Raphson Method is also called
a) Tangent Method b) secant Method c) Chord Method
- If $\Delta f(x) = f(x + h) - f(x)$, then for a constant k , Δk equals
a) 0 b) 1 c) $f(k) - f(0)$
- The value of radix in binary number system is
a) 8 b) 2 c) 10
- The only language which the computer understands is
a) Binary Language b) Assembly Language c) C Language
- The binary representation of $(3)_{10}$ is
a) $(101)_2$ b) $(10)_2$ c) $(11)_2$
- Forces passing through a common point are known as
a) concurrent Forces b) Co-planer Forces c) Collinear Forces
- The force of friction acts in a direction ____ to the direction of motion of object
a) Opposite b) Same c) Perpendicular
- Change in momentum of an object is equal to the
a) Internal Energy b) Entropy c) Impulse
- A planet revolving around sun in an elliptic orbit has a constant
a) Angular momentum about the sun b) Linear Speed
c) Kinetic Energy