

Std 11 unit test - Read-only



READ ONLY - This is an older file format. ...



Std 11 A (Physics)

Unit Test

F.M.- 20

Time duration – 45 minutes

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1. 1micron(μm)= _____ m [1]
 2. 1metric ton= _____ kg [1]
 3. Define 1 astronomical unit(AU). How is it related to metre. [2]
 4. State the formula to calculate the least count of a vernier callipers. Hence calculate the least count of a vernier callipers whose 1MSDis equal to 1mm and there are 10 divisions on vernier scale. [2]
 5. Explain reflection or echo method for measuring large distances. Name two methods for measuring distances using this principle. [3]
 6. Explain a suitable method for measurement of the size of astronomical objects like planet or moon. [3]
 7. Write the dimensional formula of the following physical quantities:
 - (i) Area
 - (ii) Volume
 - (iii) Density
 - (iv) Velocity
 - (v) Acceleration
 - (vi) Force
 - (vii) Work
 - (viii) Power [8]

