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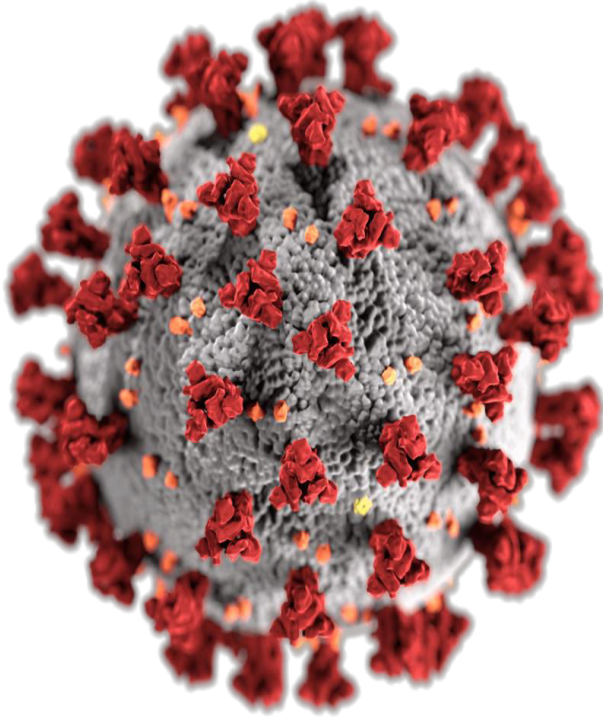Twitter: mkhreza1@ Md. Kamrul Hasan Reza
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Welcome to my Class
Physics Ph 1206

09:00 AM
April 13, 2021

COVID-19 Precautions

➢Don't be afraid

➢Be aware of the pandemic

➢Use appropriate outfits if you compelled to go out

➢Try to maintain proper diet

➢Do not forget to exercise (at least one hour) regularly

➢Try to follow the guidelines of WHO and Bangladesh Government

➢Try to stay at home

How to Group?

Group A$_1$: 01-30

Group B$_1$: 61-90

Group A$_2$: 31-60

Group B$_2$: 91-120

Group A$_1$-1: 01-03

Group A$_1$-6: 16-18

Group A$_1$-2: 04-06

Group A$_1$-7: 19-21

Group A$_1$-3: 07-09

Group A$_1$-8: 22-24

Group A$_1$-4: 10-12

Group A$_1$-9: 25-27

Group A$_1$-5: 13-15

Group A$_1$-10: 28-30

How to Group?

Group A$_1$: 01-30

Group A$_2$: 31-60

Group B$_1$: 61-90

Group B$_2$: 91-120

Group A$_2$-1: 31-33

Group A$_2$-6: 46-48

Group A$_2$-2: 34-36

Group A$_2$-7: 49-51

Group A$_2$-3: 37-39

Group A$_2$-8: 52-54

Group A$_2$-4: 40-42

Group A$_2$-9: 55-57

Group A$_2$-5: 43-45

Group A$_2$-10: 58-60

How to Group?

Group A$_1$: 01-30

Group B$_1$: 61-90

Group A$_2$: 31-60

Group B$_2$: 91-120

Group B$_1$-1: 61-63

Group B$_1$-6: 76-78

Group B$_1$-2: 64-66

Group B$_1$-7: 79-81

Group B$_1$-3: 67-69

Group B$_1$-8: 82-84

Group B$_1$-4: 70-72

Group B$_1$-9: 85-87

Group B$_1$-5: 73-75

Group B$_1$-10: 88-90

How to Group?

Group A$_1$: 01-30

Group A$_2$: 31-60

Group B$_1$: 61-90

Group B$_2$: 91-120

Group B$_2$-1: 91-93

Group B$_2$-2: 94-96

Group B$_2$-3: 97-99

Group B$_2$-4: 100-102

Group B$_2$-5: 103-105

Group B$_2$-6: 106-108

Group B$_2$-7: 109-111

Group B$_2$-8: 112-114

Group B$_2$-9: 115-117

Group B$_2$-10: 118-119

Group B$_2$-11: 120-18..27

Cover Page

Name of the Department

Course No.

Name of the Course

Experiment No.

Name of the Experiment

Name

Date of Performance

Roll No.

Section

Date of Submission

Batch No.

How to Prepare the Sessional Report?

Theory

Apparatus

Procedure

Experimental Data

Calculation

Error Analysis

Results

Discussion

Khulna University if Engineering & Technology
## Department of Physics
Physics Seasonal for the student of Mechanical Engineering
1st Year, Term-2.
Course No. Phy-1206

Exp-0: To study some laboratory instruments and hence determination of instrumental errors and measurement of length mass and time.

Exp-1: To show the sensitivity of balance with load by drawing a graph

Exp-2: To determine the Young's modulus and modulus of rigidity of a short wire by Searle's dynamic method.

Exp-3: To determine the surface tension of water by capillary tube method.

Exp-4: To determine the specific heat of liquid by the method of cooling.

Exp-5: To determine the thermal conductivity of a bad conductor by Lee's and Charlton's method.

Exp-6: To determine the frequency of a tuning fork by Melde's experiment.

Exp-7: To determine the angle and the refractive index of the material of a prism by using a spectrometer.

Exp-8: To determine the wavelengths of various spectral lines by a spectrometer using discharge tube and a plane diffraction grating.

Exp-9: To determine the wavelength of a Sodium Light by measuring the diameter of Newton's rings.

Exp-10: To determine the specific rotation of a sugar solution by using a polarimeter.

Exp-11: To determine the value of an unknown resistance and to verify the laws of series and parallel resistance by means of a Post Office box.

Exp-12: To find the value of Planck's constant and photoelectric work function of the material using a photo-electric cell.
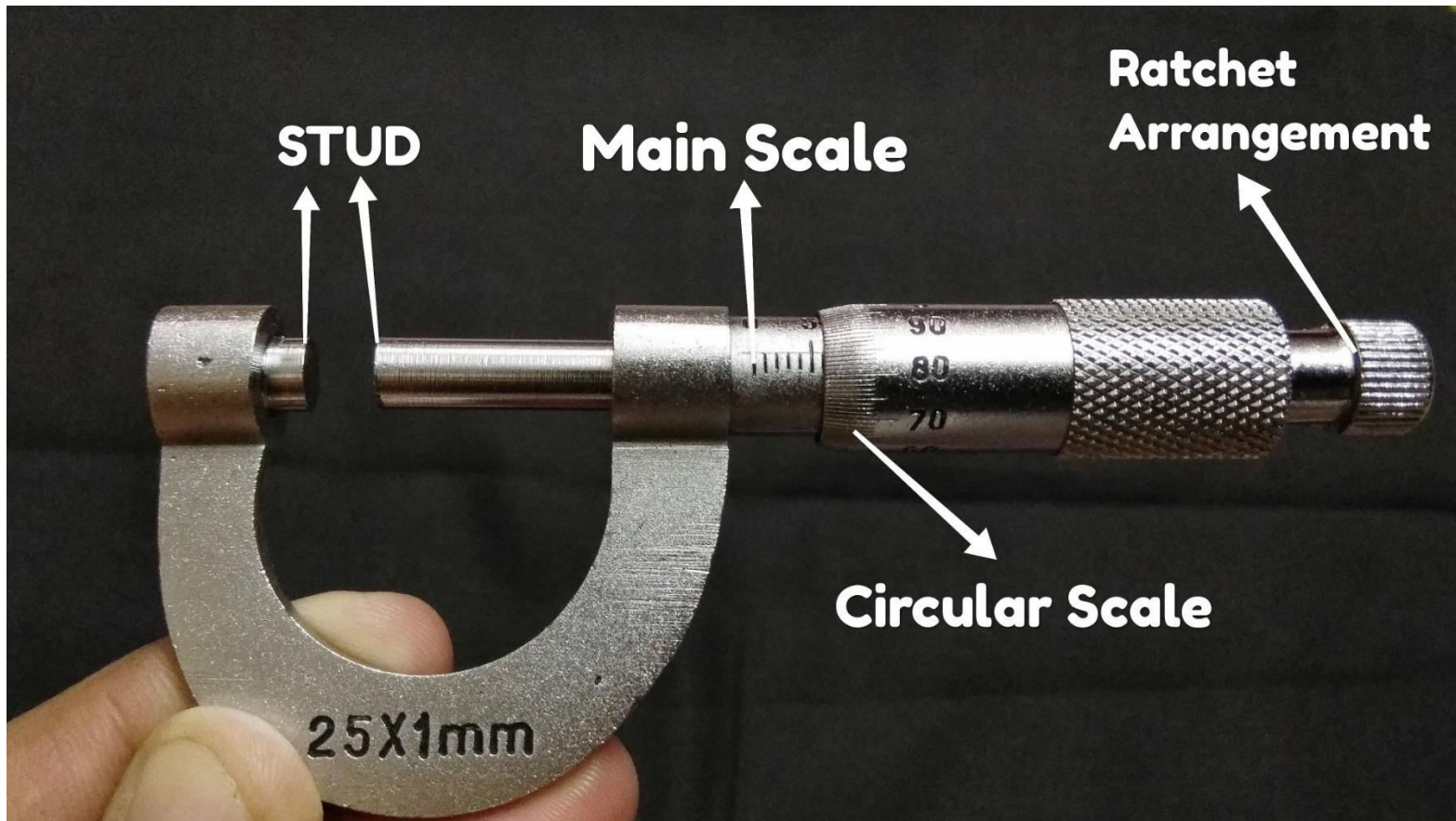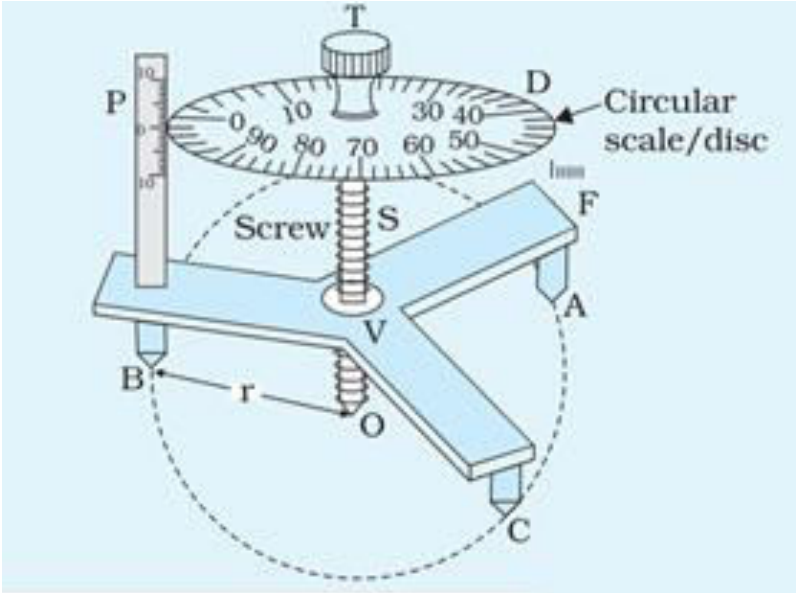
Slide Calipers

cm
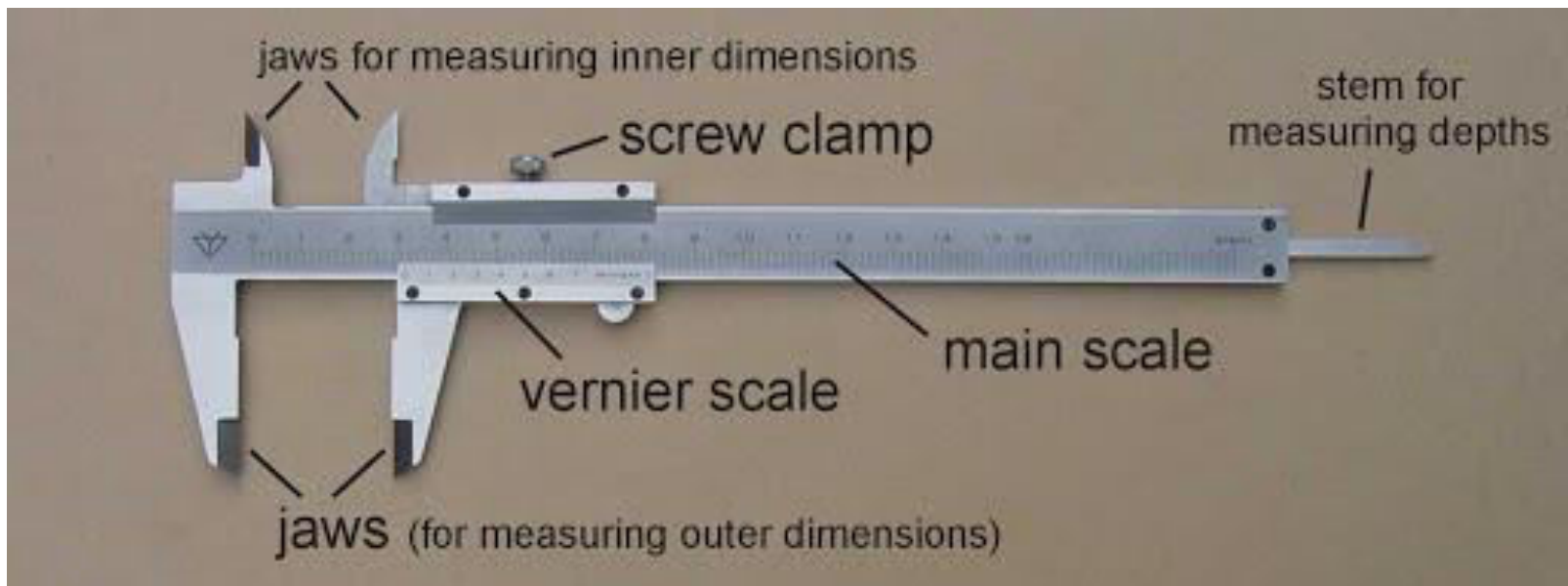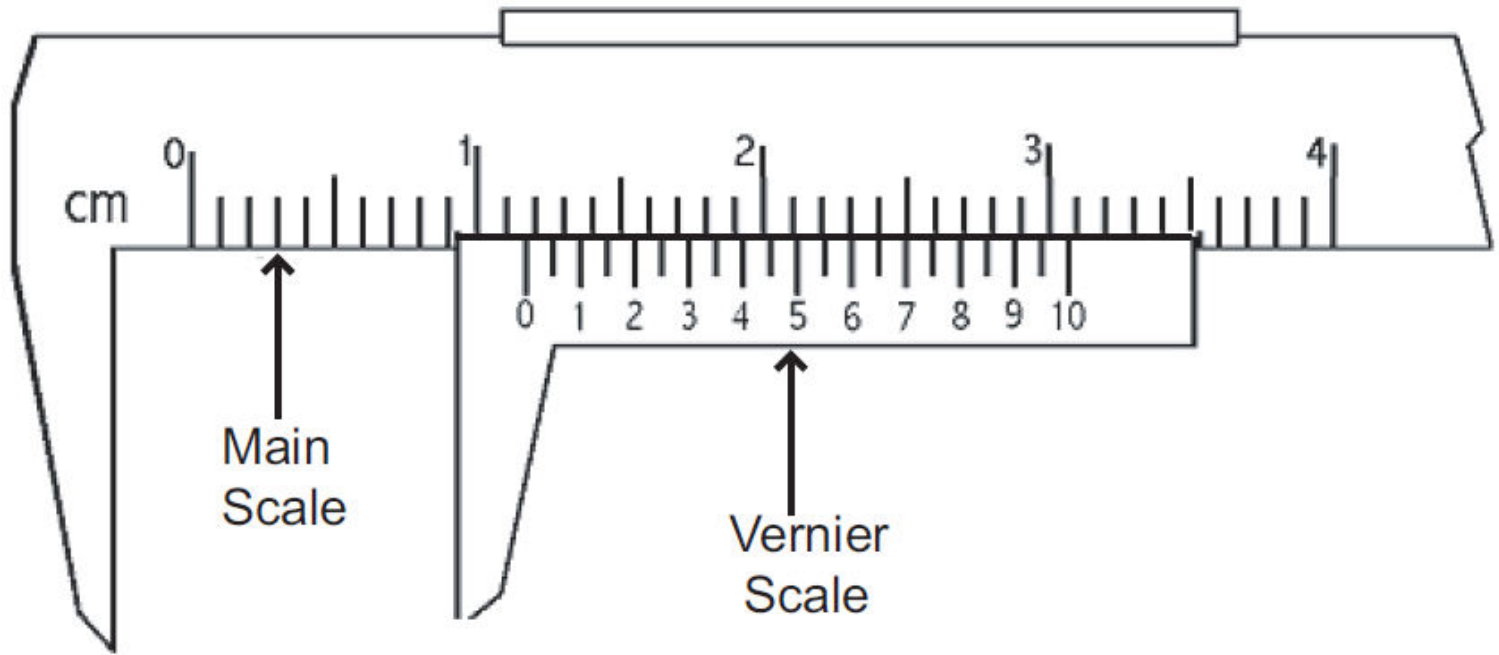
Main Scale

Vernier Scale

Screw Gauge

Spherometer

Travelling Microscope

Spectrometer

Polarimeter

I Thank you