31. Which one is the derived quantity in SI units?

    A. electric current   B. electric charge

    C. plane angle   D. amount of substance

    Answer: Option **B**
    :

32. Which one is the correct representation of the unit of pressure?

    A. Newton/Meter2   B. newton/meter2

    C. Newton/meter2   D. newton/Meter2

    Answer: Option **B**
    :

33. Which one is the dimensionally correct equation?

    A. f=vt   B. S=Vit+1/2at2

    C. V=St   D. V=f/t

    Answer: Option **B**
    :

34. Zero error of the instrument is a type of

    A. random error   B. personal error

    C. systematic error   D. classified error

    Answer: Option **C**
    :

35. In multiplication and division of measurement

    A. percentage uncertainties are   B. absolute uncertainties are added
       added

    C. percentage uncertainties are   D. absolute uncertainties are
       divided   divided

    Answer: Option **A**
    :

36. The number of significant figures in 5.400 are

A. three
B. five

C. two
D. none

Answer: Option **D**
:

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37. To reduce the uncertainty in the timing experiment

A. highly precise instrument
B. conduct at room temperature

C. count more number of vibration
D. both a and c

Answer: Option **D**
:

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38. The unmber of significant figures in the length of a bar 6200mm measured by meter rod are

A. four
B. three

C. two
D. none of these

Answer: Option **A**
:

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39. The number 76.85 is rounded off upto two significant figures as

A. 76.8
B. 77

C. 76.9
D. none of these

Answer: Option **B**
:

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40. Which of the following is not a correct representation method for prefixes

A. 1mm
B. 10km

C. 1000um
D. both (a) and (b)

Answer: Option **C**
: