

Physical Quantities and Measurement

Sr Questions An swers Choice 1 The instrument best measures the internal diameter of a pipe is. A. Screw gauge B. Meter rule C. Vernier calipor C. Vernier calipor D. Measuring tape 2 Least count of scew gauge is 0.01 mm. If main scale reading of screw gauge is zero and third line of its circular scale conscides with datum line then the measurement on the screw gauge is. A. 0.03 mm C. 0.3 mm C. 0.3 mm 3 Micro meter can be used to measure. A. Current B. Length C. Conce D. Measuring the Length C. D. Conce D. Measuring the Length C. Mega D. 0.0001 5 Which of following prefeix represents largest value. A Pico B. Peta C. Mega D. Kilo D			
1 The instrument best measures the internal diameter of a pipe is. 2 Least count of scew gauge is 0.01 mm. If main scale reading of screw gauge is zero and third line of its circular scale conscides with datum line then the measurement on the screw gauge is. 3 Micro meter can be used to measure. 4 Ratio of milimeter to micrometer is 4 Note of following prefeix represents largest value. 5 Which of following prefeix represents largest value. 6 The numbers having one significance digit is. 7 Which of the following numbers show 4 significant digits. 8 A 9000 8 B 9000	Sr	Questions	Answers Choice
2 Least curcular scale conscides with datum line then the measurement on the screw guage is. 2 mm commendation of its circular scale conscides with datum line then the measurement on the screw guage is. 2 mm commendation of the circular scale conscides with datum line then the measurement on the screw commendation of the com	1	The instrument best measures the internal diameter of a pipe is.	B. Metre rule C. Vernier caliper
3 Micro meter can be used to measure. S. Length C. Force D. Mass 4 Ratio of milimeter to micrometer is A 1000 meter C. 1000 D. 0.001 5 Which of following prefeix represents largest value. A Pico B. Peta C. Mega D. Kilo 6 The numbers having one significance digit is. A 6.0 B. 1.1 C. 6 x 10 7 Which of the following numbers show 4 significant digits. A 9000.8 B. 4 C. 0.001248 D. 5174.00 8 In a vernier Calipers ten smallest divisions of the Vernier scale are equal to nine smallest divisions of the main scale. If the smallest divisions of the main scale is half millimeter, the Vernier constant is equal to. A 0.05 mm B. 0.5 mm B. 0.5 mm D. 0.001 mm D. 0.001 mm 9 The number of significant figuresin 0.00650 s are A 2 x 10 10 0.2 mm in units of meters is. A 2 x 10 11 Which of the following is a base unit. A Mole B. Pascal C. Coulomb D. None of these 12 amount of substance in terms of numbers is measured in A. Gram B. Mole C. Kilogram	2	third line of its circular scale conscides with datum line then the measurement on the screw	B. 3 mm C. 0.3mm
4 Ratio of millimeter to micrometer is B. 0.001 meter C. 1000 C. 1000 D. 0.001 5 Which of following prefeix represents largest value. A. Pico B. Peta C. Mega D. Kilo 6 The numbers having one significance digit is. A. 6.0 B. 1.1 C. 6 x 10< sup>2 7 Which of the following numbers show 4 significant digits. A. 9000.8 B. 4 C. 0.001248 C. 0.0012	3	Micro meter can be used to measure.	B. Length C. Force
5 Which of following prefeix represents largest value. C. Mega D. Kilo A 6.0 B. 1.1 C. 6 x 10 c sup>2 The numbers having one significance digit is. A 8000.8 B. 1.1 C. 6 x 10 c sup>2 Which of the following numbers show 4 significant digits. A 9000.8 B. 4 C. 0.001248 D. 5174.00 In a vernier Calipers ten smallest divisions of the Vernier scale are equal to nine smallest divisions of the main scale. If the smallest divisions of the main scale is half millimeter, the Vernier constant is equal to. The number of significant figuresin 0.00650 s are D. 0.2 mm in units of meters is. A 2 x 10 sup>4 A 2 x 10 sup>4 D. None of these Mole B. Pascal C. 0.0002 m C. 0.002 m D. None of these A Mole B. Pascal C. Coulomb D. meter per second A Gram B. Mole C. Kilogaram	4	Ratio of millimeter to micrometer is	B. 0.001 meter C. 1000
The numbers having one significance digit is. B. 1.1 C. 6 x 10 ² D. 7.1 A 9000.8 B. 4 C. 0.001248 D. 5174.00 In a vernier Calipers ten smallest divisions of the Vernier scale are equal to nine smallest divisions of the main scale. If the smallest divisions of the main scale is half millimeter, the Vernier constant is equal to. The number of significant figuresin 0.00650 s are The number of significant figuresin 0.00650 s are 2. 2 B. 3 C. 5 D. 6 A 2 x 10 ² Mole C. 0.002 m D. None of these A Mole B. Pascal C. Coulomb D. meter per second A Gram B. Mole C. Kilogram	5	Which of following prefeix represents largest value.	B. Peta C. Mega
7 Which of the following numbers show 4 significant digits. 8 In a vernier Calipers ten smallest divisions of the Vernier scale are equal to nine smallest divisions of the main scale. If the smallest divisions of the main scale is half millimeter, the Vernier constant is equal to. 9 The number of significant figuresin 0.00650 s are 10 0.2 mm in units of meters is. 11 Which of the following is a base unit. 12 amount of substance in terms of numbers is measured in 13 B. 4 C. 0.001248 D. 5174.00 A. 0.05 mm B. 0.5 mm C. 0.1 mm C. 0.1 mm D. 0.001 mm D. 0.001 mm D. 0.001 mm D. 0.001 mm D. 0.002 m C. 0.002 m D. None of these D. Mole B. Pascal C. Coulomb D. meter per second D. Mole C. Kilogram	6	The numbers having one significance digit is.	B. 1.1 C. 6 x 10 ²
8 divisions of the main scale. If the smallest divisions of the main scale is half millimeter, the Vernier constant is equal to. 9 The number of significant figuresin 0.00650 s are 10 0.2 mm in units of meters is. 10 0.2 mm in units of meters is. 11 Which of the following is a base unit. 12 amount of substance in terms of numbers is measured in 13 divisions of the main scale are equal to nine smallest divisions of the main scale is equal to nine smallest C. 0.1 mm D. 0.0001 mm 14 A. 2 E. B. 3 C. 5 D. 6 15 D. 6 16 A. 2 x 10 ⁴ m B. 0.0002 m C. 0.002 m D. None of these 17 A. Mole B. Pascal C. Coulomb D. meter per second 18 Mole C. Kilogram	7	Which of the following numbers show 4 significant digits.	B. 4 C. 0.001248
The number of significant figuresin 0.00650 s are C. 5 D. 6 A. 2 x 10 ⁴ m B. 0.0002 m C. 0.002 m D. None of these A. Mole B. Pascal C. Coulomb D. meter per second A. Gram B. Mole C. Kilogram	8	divisions of the main scale. If the smallest divisions of the main scale is half milimeter, the	B. 0.5 mm C. 0.1 mm
10 0.2 mm in units of meters is. B. 0.0002 m C. 0.002 m D. None of these A. Mole B. Pascal C. Coulomb D. meter per second A. Gram B. Mole C. Kilogram	9	The number of significant figuresin 0.00650 s are	B. 3 C. 5
11 Which of the following is a base unit. B. Pascal C. Coulomb D. meter per second A. Gram B. Mole C. Kilogram	10	0.2 mm in units of meters is.	B. 0.0002 m C. 0.002 m
12 amount of substance in terms of numbers is measured in B. Mole C. Kilogram	11	Which of the following is a base unit.	B. Pascal C. Coulomb
	12	amount of substance in terms of numbers is measured in	B. Mole C. Kilogram