VI – Mathematics Assignments No-01 – Decimals.

Q1. Make a place value table and write the following numbers

(a) 29.4   (b) 329.4   (c) 12.25

(Q2) Write the following as decimals:

(a) Five ones and five tenths

(b) Forty and one-tenth

(c) seven tenths

(d) $25 \frac{1}{10}$

(Q3) Write each of the following as decimals:

(a) $40 + 5 + \frac{3}{10}$

(b) $500 + 5 + \frac{2}{10}$

(c) $800 + 40 + 7 + \frac{3}{10} + \frac{6}{100} + \frac{1}{1000}$

(Q4) Write the following in decimal fractions:

(a) 0.5   (b) 0.7   (c) 0.003

(d) 2.57

(Q5) Mark the following decimal numbers on number line

(a) 0.5   (b) 1.6   (c) 2.8

(Q6) Write the following decimals as fractions in their lowest terms.

(a) 4.6   (b) 20.5   (c) 205.2

(Q7) Write the following decimals in words

(a) 0.04   (b) 15.38   (c) 12.56

(Q8) Express the following mm into Cm using decimals

(a) 5 mm   (b) 37 mm   (c) 165 mm

(Q9) The Distance of your school from your house is 417 m. Express it in km. using decimal

(Q10) The length of your Mathematics book is 27 Cm, 5 mm. Express it in decimeters

(Q11) Write (a) $\frac{4}{5}$ (b) $\frac{7}{10}$ (c) $\frac{9}{100}$ as decimals

(Q12) Place values of digits of numbers are given below. Write them in decimal form

(a) 4 tenths, 4 ones, 3 tens, 9 hundredths

(b) 3 hundredths, 3 thousandths, 2 ones

(c) 6 ones, 4 hundreds, 7 tenths, 5 hundredths, 1 thousandth.

ANSWERS

(Q1) no.	100 Hundred	10 Tens	1 Ones	$\frac{1}{10}$ Tenths	$\frac{1}{100}$ hundredths
29.4	–	2	9	4	–
329.4	3	2	9	4	–
12.25	–		1	2	2	5

(c) one-two point five six

(Q8)(a) (.5)   (b) 3.7
(c) .16.5

(Q9)   0.417 Km

(Q10)   2.75 decimeter

(Q2) (a) (5.5)
(b) 40.1
(c) 0.7
(d) 25.1

(Q4) (a) $\frac{5}{10}$
(b) $\frac{7}{10}$
(c) $\frac{3}{1000}$
(d) $\frac{257}{100}$

(Q6)(a) $\frac{23}{5}$
(b) $\frac{41}{2}$
(c) $\frac{1026}{5}$

(Q11) (a) 0.8
(b) 0.7
(c) 0.09

(Q3) (a) 45.3
(b) 505.2
(c) 847.367

(Q5) –

(Q7) (a) zero point zero four
(b) one-five point three eight

(Q12) (a) 34.49
(b) 2.033
(c) 406.751