

Mathematics

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(Chapter – 8) (Decimals) (Practice Test 1)

(Class VI)

Time: 1 Hour 15 Minutes

M. M: 25

General Instructions:

- This question paper contains four sections: A, B, C and D. Each part is compulsory.
- Section A has 5 MCQ of one mark each.
- Section B has 3 questions of two marks each.
- Section C has 3 questions of three marks each.
- Section D has 5 questions of five marks each, attempt any 1 out of 2.
- There is no negative marking.

Section – A

- 65 km 13 m into km is:
(A) 65.013 (B) 65.13 (C) 65.1 (D) none of these
- What is the decimal form of $\frac{4}{10}$?
(A) 4 (B) 0.4 (C) 40 (D) 0.04
- Decimal representation of $\frac{11}{2}$ is:
(A) 5.5 (B) 5.6 (C) 5.4 (D) 5.7
- What will be the value of $1 \times 0.3 \times 0.01 \times 0.003$?
(A) 0.000009 (B) 0.000027 (C) 0.00009 (D) 0.00003
- Decimal notation of $\frac{3}{5}$ is:
(A) 0.1 (B) 0.6 (C) 0.5 (D) 0.2

Section – B

- Write each of the following as decimals:
(i) One hundred seventy-five and four hundredths.
(ii) Zero and twenty-one hundredths.

- Write each of the following as decimals:

(i) $65 + \frac{2}{10} + \frac{7}{100}$

(ii) $45 + \frac{9}{10}$

- Write each of the following as decimals:

(i) $88 + \frac{5}{10} + \frac{2}{1000}$

(ii) $\frac{3}{10} + \frac{7}{1000}$

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Section – C

9. Write each of the following as decimals

- (i) Five and four tenths
- (ii) Twelve four hundredths
- (iii) Nine and seven hundred five thousandths

10. Write each of the following as decimals

- (i) Zero point five two six
- (ii) Forty-seven and six thousandths
- (iii) Eight thousandths

11. Write each of the following as decimals:

- (i) $\frac{22}{10}$
- (ii) $\frac{3}{2}$
- (iii) $\frac{2}{5}$

Section – D

12. Write the following into decimals:

- (i) Three tenths
- (ii) Two ones and five tenths
- (iii) Thirty and one tenths
- (iv) Twenty-two and six tenths
- (v) One hundred, two ones and three tenths

13. Write the following decimals in the place value table:

	Thousands	Hundreds	Tens	Ones	Tenths	Hundredths	Thousand
(i)			5	2	5		
(ii)			1	2	5	7	
(iii)			1	5	0	5	
(iv)			7	4	0	5	9
(v)					5	0	3

The given decimals can be written as above in the place-value table

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Answers

Section – A

- 65.013
- 0.4
- 5.5
- 0.000009
- 0.6

Section – B

- (i) 175.04
(ii) 0.21
- (i) We have 6 tens, 5 ones and 7 hundredths. Therefore, the decimal number is 65.27.
(ii) We have 4 tens, 5 ones and 9 hundredths. Therefore, the decimal number is 45.09.
- (i) We have 8 tens, 8 ones, 5 tenths and 2 thousandths. Therefore, the decimal number is 88.502.
(ii) We have 3 tenths, 5 ones and 7 hundredths. Therefore, the decimal number is 0.307.

Section-C

- (i) $5 + 410 = 5.4$
(ii) $12 + 4100 = 12.4$
(iii) $9 + 7051000 = 9.705$
- (i) 0.526
(ii) $47 + 61000 = 47.006$
(iii) $81000 = 0.008$
- (i) Since the denominator is ten, the decimal is 2.2
(ii) Making the denominator 10, we have $\frac{3}{2} \times \frac{52}{5} = 15.6 = 1.56$
(iv) Making the denominator 10, we have $\frac{2}{5} \times \frac{25}{2} = 10 = 0.4$

Section – D

- (i) $\frac{3}{10} = 0.3$
(ii) $2 + \frac{5}{10} = 2.5$
(iii) $30 + \frac{1}{10} = 30.1$
(iv) $22 + \frac{6}{10} = 22.6$
(v) $100 + 2 + \frac{3}{10} = 102.3$
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	Decimals	Tens	Ones	Tenths	Hundredths	Thousand
(i)	52.5	5	2	5		
(ii)	12.5	1	2	5		
(iii)	15.05	1	5	0	5	
(iv)	74.059	7	4	0	5	9
(v)	0.503			5	0	3