

LTP F3 T5 Quadrilaterals

2018 – 2019

S.3 Mathematics Uniform Test 5 Chapter 5: Quadrilaterals

Question-Answer Book

Date: 5 – 12 – 2018

Duration: 40 mins

This paper must be answered in English

Instructions :

- Write your name, class and class number in the spaces provided on this cover.
- Answer ALL questions in this paper. Write your answers in the spaces provided in this Question-Answer Book.
- Write your answers with black or blue ball-pens, and draw graphs or figures with HB pencils.
- Unless otherwise specified, all working must be clearly shown.
- Unless otherwise specified, numerical answers should be either exact or correct to 3 significant figures.
- The diagrams in this paper are not necessarily drawn to scale.

Section A:

Multiple Choice Questions

| Question | Full Marks | Score |
|------------------|------------|-------|
| 1 – 5 | 10 | |
| Section A | 10 | |
| Total | | |

Section B:

True or False Questions

| Question | Full Marks | Score |
|------------------|------------|-------|
| 6 | 3 | |
| 7 | 3 | |
| Section B | 6 | |
| Total | | |

Section C:

Conventional Questions

| Question | Full Marks | Score |
|------------------|------------|-------|
| 8 | 4 | |
| 9 | 4 | |
| 10 | 4 | |
| 11 | 4 | |
| 12 | 4 | |
| Section C | 20 | |
| Total | | |

Section C:

Bonus Question

| Question | Full Marks | Score |
|----------|------------|-------|
| 13 | 4 | |

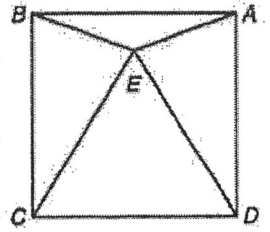
| | | |
|--------------|-----------|--|
| PP | | |
| Units | | |
| Paper | 36 | |
| Total | | |

11. In the figure, $ABCD$ is a square and $\triangle CDE$ is an equilateral triangle. Find

(a) $\angle BCE$,

(b) $\angle AEB$.

(4 marks)



12. In the figure, ADB and AEC are straight lines. $AE = EC$ and $DE \parallel BC$. Find x and y .

(4 marks)

