

17-18 F.5
2nd TERM UT
MATH CP
PAPER 1

2017 – 2018
Form 5 Second Term Examination

MATHEMATICS Compulsory Part

PAPER 1

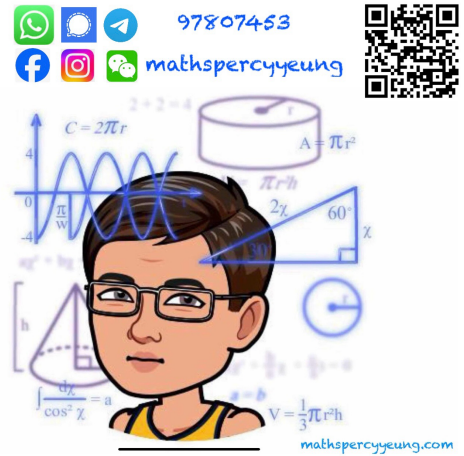
Question-Answer Book

17th April, 2018.
8:15 am – 9:30 am (1 hour 15 minutes)

This paper must be answered in English.

INSTRUCTIONS

1. Write your name, class and class number in the spaces provided on this cover.
2. This paper consists of THREE sections, A(1), A(2) and B.
3. Attempt ALL questions in this paper. Write your answers in the spaces provided in this Question-Answer Book. Do not write in the margins. Answers written in the margins will not be marked.
4. Unless otherwise specified, all working must be clearly shown.
5. Unless otherwise specified, numerical answers should be either exact or correct to 3 significant figures.
6. The diagrams in this paper are not necessarily drawn to scale.



Section	Marks
A (1 – 3)	
A (4 – 6)	
A Total	/27
B Total	/33
TOTAL	/60

Section A(1) (9 marks)

1. Simplify $\frac{x^4}{(x^3y^2)^{-2}}$ and express your answer with positive indices. (3 marks)

2. Make b the subject of the formula $\frac{1-3b+5a}{b} = 4$. (3 marks)

3. Factorize

(a) $4p^2 - 9q^2$,

(b) $4p^2 - 9q^2 + 10p - 15q$.

(3 marks)

Answers written in the margins will not be marked.

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