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Please stick the barcode label in the box.

Education Bureau
Territory-wide System Assessment 2021
Secondary Mathematics
ANSWER BOOKLET

INSTRUCTIONS

1. Write your School Code, Class and Class Number in the boxes provided on this page.
2. Stick barcode labels in the spaces provided on page 1 and page 3.
3. Time allowed is 65 minutes.
4. Write ALL your answers in the spaces provided in this ANSWER BOOKLET.
5. Do not write in the margins.
6. Unless otherwise specified, numerical answers should be either exact or correct to 3 significant figures.
7. The use of HKEAA approved calculators is permitted.
8. Rough work should be done on the rough work sheet provided.

**School
Code**

S			
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Class

3	
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**Class
No.**

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↑
Write one capital
letter in this box.

SECTION A: Multiple Choice Questions

MC Questions - Blacken the circle under the correct answer
with an **HB pencil**. For example :

A	B	C	D
●	○	○	○

1.

A B C D

○ ○ ○ ○
2.

A B C D

○ ○ ○ ○
3.

A B C D

○ ○ ○ ○
4.

A B C D

○ ○ ○ ○
5.

A B C D

○ ○ ○ ○
6.

A B C D

○ ○ ○ ○
7.

A B C D

○ ○ ○ ○
8.

A B C D

○ ○ ○ ○
9.

A B C D

○ ○ ○ ○
10.

A B C D

○ ○ ○ ○

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Please stick the barcode label in the box. →



Please do not write in the margin.

11. A B C D

☐ ☐ ☐ ☐

12. A B C D

☐ ☐ ☐ ☐

13. A B C D

☐ ☐ ☐ ☐

14. A B C D

☐ ☐ ☐ ☐

15. A B C D

☐ ☐ ☐ ☐

16. A B C D

☐ ☐ ☐ ☐

17. A B C D

☐ ☐ ☐ ☐

18. A B C D

☐ ☐ ☐ ☐

19. A B C D

☐ ☐ ☐ ☐

20. A B C D

☐ ☐ ☐ ☐

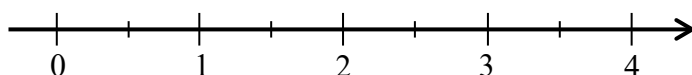
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SECTION B: Write your answers in the spaces provided. Working need not be shown.

21. (i) _____ dollar(s) represents that the profit of the tuckshop in May was 5 500 dollars.

(ii) _____ dollar(s) represents that the loss of the tuckshop in June was 3 200 dollars.

22.



23. The ratio of the number of students ordering lunch set A to that of lunch set B = _____

24. The value of the 6th term of the sequence is _____ .

25. The coefficient of y^6 is _____ .

26. _____

27. _____

28. *Circle the correct answer

* exact solution / approximate solution

29. $D =$ _____

30. $-\frac{1}{4}$ -0.3

31. The volume of the cone is _____ cm^3 .

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32. _____

33. (a) $m =$ _____

(b) $n =$ _____

34. $x =$ _____

35. _____

36. The vertical distance AC is _____ m.

37.

Table 1	
Number of late arrivals	Frequency
0 – 9	
10 – 19	7
20 – 29	

Table 2	
Number of late arrivals	Frequency
0 – 5	
6 – 11	6
12 – 17	
18 – 23	2
24 – 29	

38. (a) The value of x is _____ .

(b) The total number of students of that level is _____ .

(c) The percentage of Secondary 3 students going to school by bus or minibus is _____ .

39. The modal class of the number of stamps obtained is _____ – _____ .

SECTION C: Answer in the spaces provided.
All working and conclusions must be clearly shown.

40.

41.

42.

$x - 4y = 4$

x	-4	0	4
y		-1	

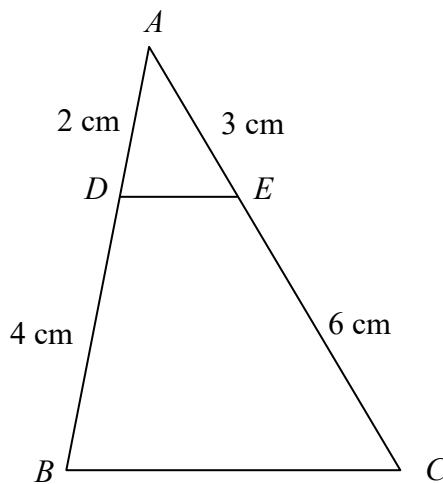
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43.

44.



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45.

46.

47.

Marks of 15 students in a Mathematics test

Stem (10 marks)	Leaf (1 mark)
0	
1	
2	
3	
4	

END OF PAPER

Please do not write in the margin.