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Please stick the barcode label in the box.

Education Bureau
Territory-wide System Assessment 2014
Secondary 3 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. The 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**

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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

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1.

A

B

C

D

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2.

A

B

C

D

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3.

A

B

C

D

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4.

A

B

C

D

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5.

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C

D

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6.

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C

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7.

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B

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8.

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C

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9.

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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. $A =$ _____

$B =$ _____

$C =$ _____

22. _____

23. The rainfall in July : the rainfall in August = _____ : _____

24. $x =$ _____

$y =$ _____

25. The value of the 10th term of the sequence is _____ .

26. _____

27. _____

28. _____

29. $x =$ _____

30. _____

31. $T =$ _____

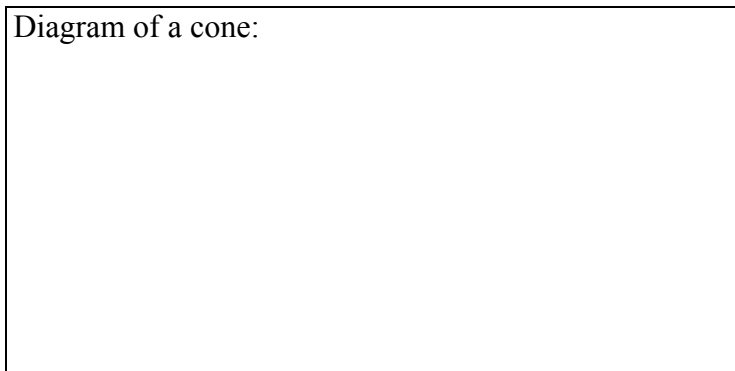
32. The base radius of the cylinder is _____ cm.

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Please do not write in the margin.

Please do not write in the margin.

33. Diagram of a cone:



34. $x =$ _____

35. $x =$ _____

36. _____

37. $x =$ _____

38. The polar coordinates of point A are (_____ , _____).

39. $AB =$ _____ units

40. () $\rightarrow$ () $\rightarrow$ () $\rightarrow$ ()

41. The weighted mean mark of Alfred is _____ .

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

- 42.

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43.

44.

45.

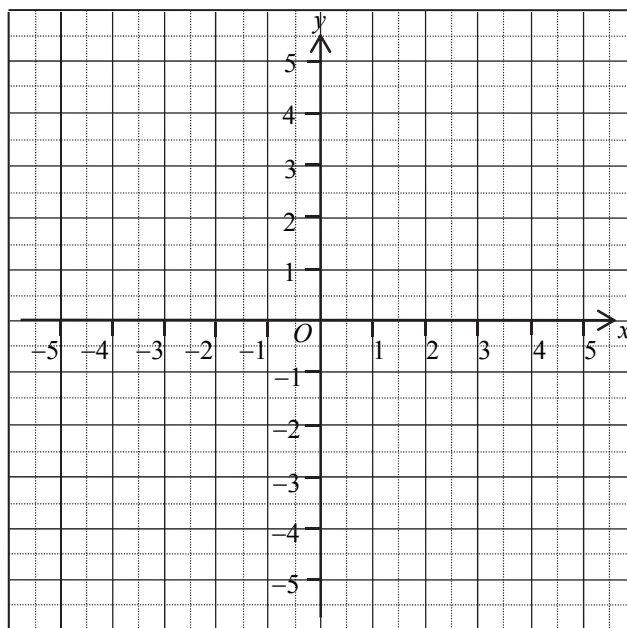
Table 1		Table 2	
Number of volunteering hours	Frequency	Number of volunteering hours	Frequency
1 – 10		1 – 15	
11 – 20		16 – 30	
21 – 30		31 – 45	
31 – 40		46 – 60	
41 – 50			
51 – 60			

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46. $x + 2y - 2 = 0$

x		2	
y	3	0	-1



47.

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48.

49.

50.

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END OF PAPER