



HKEAA'S USE ONLY

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Education Bureau
Territory-wide System Assessment 2020
Secondary Mathematics
ANSWER BOOKLET

Gainful Use of TSA 2020 Materials

INSTRUCTIONS

1. Write your School Code in the boxes provided on this page.
2. Estimated time for completion is 75 minutes.
3. Write ALL your answers in the spaces provided in this ANSWER BOOKLET.
4. Do not write in the margins.
5. Unless otherwise specified, numerical answers should be either exact or correct to 3 significant figures.
6. The use of HKEAA approved calculators is permitted.
7. Rough work should be done on rough work sheet.

**School
Code**

S			
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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

○

○

○

○

Please do not write in the margin.

Please do not write in the margin.

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

☐ ☐ ☐ ☐

Please do not write in the margin.

Please do not write in the margin.

21. A B C D

☐ ☐ ☐ ☐

22. A B C D

☐ ☐ ☐ ☐

23. A B C D

☐ ☐ ☐ ☐

24. A B C D

☐ ☐ ☐ ☐

25. A B C D

☐ ☐ ☐ ☐

26. A B C D

☐ ☐ ☐ ☐

27. A B C D

☐ ☐ ☐ ☐

28. A B C D

☐ ☐ ☐ ☐

29. A B C D

☐ ☐ ☐ ☐

30. A B C D

☐ ☐ ☐ ☐

Please do not write in the margin.

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

31. $A =$ _____

$B =$ _____

$C =$ _____

32. Area = _____ km^2

33. There are _____ fiction book(s).

34. $m =$ _____

35. The value of the 5th term of the sequence is _____ .

36. _____

37. _____

38. $x =$ _____

39. *Circle the correct answer

* exact solution / approximate solution

40. _____

Please do not write in the margin.

Please do not write in the margin.

41. The order of rotational symmetry is _____ .
42. (a) $x =$ _____
(b) $y =$ _____
43. $x =$ _____
44. _____
45. _____
46. The coordinates of point E' are (_____ , _____).
47. *Circle the correct answers (i) * Discrete data / Continuous data
(ii) * Discrete data / Continuous data
48. (a) The value of x is _____ .
(b) The total expenditure of the activity is \$ _____.
(c) The difference between the expenditure on food and the general expenses of the activity is \$ _____ .
49. Mean = _____
Median = _____
50. _____
51. _____

Please do not write in the margin.

52. The degree of the polynomial is _____ .
53. _____
54. _____
55. _____
56. _____
57. The area of the circle is _____ cm^2 .
58. $\theta =$ _____
59. $m =$ _____
60. The number of axes of symmetry is _____ .
61. $x =$ _____
62. The received interest = \$ _____
63. The actual length of the model car is _____ cm.
64. $x =$ _____

Please do not write in the margin.

65. $x =$ _____

$y =$ _____

66. $x =$ _____ cm

67. The volume of solid B is _____ cm^3 .

68. The area of the triangle is _____ sq. units.

69. (a)

		Units digit		
		2	7	8
Tens digit	2	22		28
	7		77	78
	8	82	87	

(b) The probability that the two-digit number is an even number = _____

END OF PAPER