## $\left.\mathbf{9} \mathbf{M}|\mathbf{E}| \begin{array}{l|l|l}\mathbf{4} & \mathbf{(} & \mathbf{A}\end{array}\right)$



## 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.


## SECTION A: Multiple Choice Questions

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

1. $\mathrm{A} \quad \mathrm{B} \quad \mathrm{C}$
$\bigcirc \bigcirc \bigcirc \bigcirc$
2. $\mathrm{A} \quad \mathrm{B} \quad \mathrm{C}$
$\bigcirc \bigcirc \bigcirc \bigcirc$
3. $\mathrm{A} \quad \mathrm{B} \quad \mathrm{C}$
$\bigcirc \bigcirc \bigcirc \bigcirc$
4. A B C D
$\bigcirc \bigcirc \bigcirc \bigcirc$
5. A B C D
$\bigcirc \bigcirc \bigcirc \bigcirc$
6. A B C D
$\bigcirc \bigcirc \bigcirc \bigcirc$
7. A B C D
$\bigcirc \bigcirc \bigcirc \bigcirc$
8. A B C D
$\bigcirc \bigcirc \bigcirc$
9. $\mathrm{A} \quad \mathrm{B} \quad \mathrm{C} D$
$\bigcirc \bigcirc \bigcirc$
10. A B C D
$\bigcirc \bigcirc \bigcirc$

Please stick the barcode label in the box. $\longrightarrow$
Please do not write in the margin.
11. A B C D
$\bigcirc \bigcirc \bigcirc \bigcirc$
12. A B C D
$\bigcirc \bigcirc \bigcirc \bigcirc$
13. A B C D
$\bigcirc \bigcirc \bigcirc$
14. A B C D
$\bigcirc \bigcirc \bigcirc \bigcirc$
15. A B C D
$\bigcirc \bigcirc \bigcirc \bigcirc$
16. A B C D
$\bigcirc \bigcirc \bigcirc \bigcirc$
17. A B C D
$\bigcirc \bigcirc \bigcirc \bigcirc$
18. A B C D
$\bigcirc \bigcirc \bigcirc \bigcirc$
19. A B C D
$\bigcirc \bigcirc \bigcirc \bigcirc$
20. A B C D
$\bigcirc \bigcirc \bigcirc \bigcirc$

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

 be shown.21. (i) $\qquad$ ${ }^{\circ} \mathrm{C}$ represents that the average temperature in June was 13 degrees Celsius.
(ii) $\qquad$ ${ }^{\circ} \mathrm{C}$ represents that the average temperature in January was 2 degrees Celsius below zero.
22. $\qquad$
23. 


24. The value of the $4^{\text {th }}$ term of the sequence is $\qquad$ .
25. $\qquad$
26. $\qquad$
27. $x=$ $\qquad$
28. $\qquad$
29. $\qquad$
30. $\qquad$
31. The circumference of the circle is $\qquad$ cm .
32. The number of axes of symmetry is $\qquad$ .
33. $x=$ $\qquad$
34. $\qquad$
35. $x=$ $\qquad$
36. The true bearing of $Q$ from $P$ is $\qquad$ .
37. *Circle the correct answers
(i) * Discrete data / Continuous data
(ii) * Discrete data / Continuous data
38. (a) There are $\qquad$ books in Emily's home.
(b) There are $\qquad$ pages in the book with the most pages in Emily's home.
(c) The median is $\qquad$ pages.
39. Mean = $\qquad$

Median = $\qquad$

## SECTION C: Answer in the spaces provided.

All working and conclusions must be clearly shown.
40. $\qquad$
41

42.

| $y=-x+1$  <br> $x$ -3 <br> $y$  <br> 1 3 |
| :--- | :--- | :--- | :--- |



$\qquad$
46. $\qquad$
47. Reason: $\qquad$

# disagree with the manager's claim. <br> (*Circle the correct answer) 

END OF PAPER
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