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.
SECTION A: Multiple Choice Questions

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

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
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</thead>
<tbody>
<tr>
<td>A</td>
<td>B</td>
<td>C</td>
<td>D</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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.
11. A B C D
   o o o o
12. A B C D
   o o o o
13. A B C D
   o o o o
14. A B C D
   o o o o
15. A B C D
   o o o o
16. A B C D
   o o o o
17. A B C D
   o o o o
18. A B C D
   o o o o
19. A B C D
   o o o o
20. A B C D
   o o o o
SECTION B: Write your answers in the spaces provided. Working need not be shown.

21. (a) _________________
   (b) _________________

22. Number of red balls : number of yellow balls : number of green balls
   = _______ : _______ : _______

23. \( x = \) _________________
    \( y = \) _________________

24. _________________

25. _________________

26. _________________

27. 
   ![Graph](image)

28. _________________

29. \( z = \) _________________

30. _________________
31. ____________________

32. Diagram of a triangular prism:

33. (a) \( x = \) ___________
    (b) \( y = \) ___________

34. \( x = \) _________________

35. ____________________

36. ____________________

37. ____________________

38. The coordinates of \( P' \) are ( ________ , ________ ).

39. (a) At ________ , the relative humidity was equal to 65%.
    (b) The difference of the relative humidity between 19:00 and 22:00 was ________ \%.
    (c) At ________ , the relative humidity increased most compared to the relative humidity of one hour before.

40. ________ students have a body temperature of 37.5°C or above.

41. The weighted mean mark of Cindy is ____________.
SECTION C: Answer in the spaces provided. 
All working and conclusions must be clearly shown.

42.

43.

44.