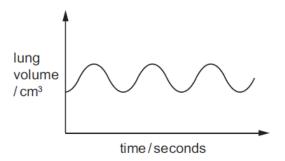
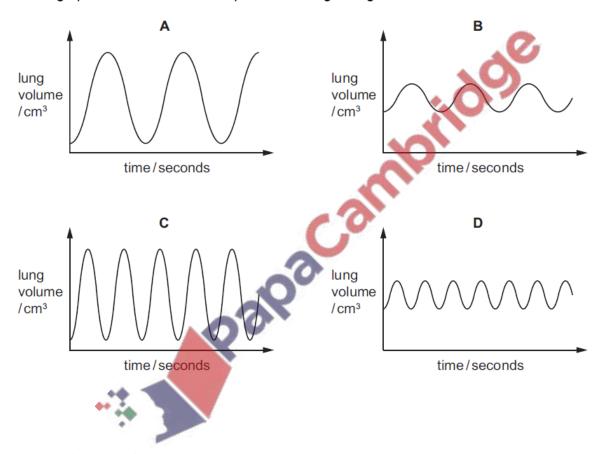
<u>Human gas exchange – 2022 November O Level 5090</u>

1. Nov/2022/Paper_11/No.19

The graph shows the rate and depth of breathing at rest.



Which graph shows the rate and depth of breathing during exercise?



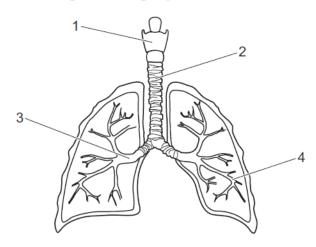
2. Nov/2022/Paper_12/No.17

Which statements about root hairs are correct?

- 1 The cell membrane can allow movement of water and ions into the cell.
- 2 The cell vacuole extends into the root hair.
- 3 They are formed as an extension of the outer layer of root cells.
- **A** 1, 2 and 3 **B** 1 and 2 only **C** 1 and 3 only **D** 2 and 3 only

3. Nov/2022/Paper_12/No.19

The diagram shows the human gas exchange system.



Which row shows the correct labelling?

| | 1 | 2 | 3 | 4 |
|-------|---------|---------|------------|------------|
| Α | trachea | larynx | bronchiole | bronchus |
| В | trachea | larynx | bronchus | bronchiole |
| С | larynx | trachea | bronchiole | bronchus |
| D | larynx | trachea | bronchus | bronchiole |
| Palpa | | | | |

