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**Exercise 1**

Read the legend in the 1:20000 and 1:5000 maps of the Surveying and Mapping Office of the Lands Department:

1:20000 map legend:

[https://www.landsd.gov.hk/doc/en/mapping/paper-map/legend/HM20C\\_Legend.pdf](https://www.landsd.gov.hk/doc/en/mapping/paper-map/legend/HM20C_Legend.pdf)

1:5000 map legend:

[https://www.landsd.gov.hk/doc/en/mapping/paper-map/legend/HP5C\\_Legend.pdf](https://www.landsd.gov.hk/doc/en/mapping/paper-map/legend/HP5C_Legend.pdf)

What symbols are used in the above 1:20000 and 1:5000 map legends to represent the following items in the sketch maps in Worksheets Level 1 and 2? Find out and draw the symbols in the space below.



Item	Symbols in Legends
◇ Road	
◇ River	
◇ Settlement	
◇ Market	
◇ Woodland	

## Exercise 2

Refer to the map excerpt from 2020 HKDSE Geography (Paper 1) / map excerpt from 2021 HKDSE Geography (Paper 1) provided by the teacher, complete Exercise 2.

1. Which of the following cannot be found in grid square 0484?
  - A. Electricity cable
  - B. Trail
  - C. Arable land
  - D. Temple\*
  
2. Which of the following is the actual length of Lam Kam Road section from grid reference 039843 to grid reference 063866?
  - A. 3 000m
  - B. 3 400m\*
  - C. 3 800m
  - D. 4 200m
  
3. Which of the following descriptions about Ng Tung Chai (grid reference 044841) are correct?
  - (1) There are plenty arable land nearby
  - (2) It is accessible via secondary roads
  - (3) It is the highest point in grid square 0484
  - A. (1) and (2) only\*
  - B. (1) and (3) only
  - C. (2) and (3) only
  - D. (1), (2) and (3)
  
4. Which of the following sites are intervisible with spot height 245 (grid reference 054841)?
  - (1) Ping Long (grid reference 051849)
  - (2) Pak Ngau Shek Ha Tsuen (grid reference 042848)
  - (3) Ng Tung Chai (grid reference 044841)
  - A. (1) and (2) only\*
  - B. (1) and (3) only
  - C. (2) and (3) only
  - D. (1),(2)and(3)

5. Which of the following factors favour the agricultural development in grid square 0585?

- (1) High accessibility
- (2) Sufficient flat land
- (3) Close to country parks

- A. (1) and (2) only\*
- B. (1) and (3) only
- C. (2) and (3) only
- D. (1), (2) and (3)

6. Refer to the maps provided by the teacher, find out grid squares/ areas in between easting 05 to 06, and northing 84 to 86. Explain the favorable factors for developing agricultural activities in the above areas in the table below by citing map evidence.

Factor	Explanation	Map Evidence
Water supply and soil	<ul style="list-style-type: none"> <li>- Close to natural river, convenient for irrigation</li> <li>- River floods bring fertile soil</li> </ul>	Lam Tsuen River, She Shan River
Relief	Gentle relief which is easy for farming and using farm machines	The relief / contour of most of the land is lower than 40m
Transportation	Close to roads which is convenient for transporting human input into farms and crops/outputs out to the market for sale	Lam Kam Road
Labour	Close to settlements which is easy to employ labour for agricultural activities	Settlements such as Tong Sheung Tsuen and Lam Tsuen San Tsuen



After all, reading and interpreting maps are not hard at all!