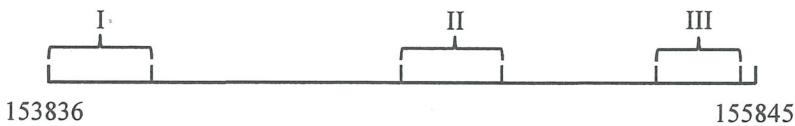


**Section A: There are 20 questions in this section. Answer ALL questions in this section. All the answers must be marked on the Answer Sheet.**

Refer to the map extract of Hong Kong (1:5 000) provided to answer Questions 1 to 6.

1. The length of the section of the Shatin to Central Link (under construction) between P (147838) and Q (152854) is approximately
  - A. 830 m.
  - B. 885 m.
  - C. 3 320 m.
  - D. 3 540 m.
  
2. Which of the following are the major land uses in the area north of Argyle Street and south of Prince Edward Road West?
  - (1) industrial
  - (2) institutional
  - (3) residential
  - A. (1) and (2) only
  - B. (1) and (3) only
  - C. (2) and (3) only
  - D. (1), (2) and (3)
  
3. Refer to the transect from 153836 to 155845 below.



Which of the following is the correct labelling of the above transect?

	I	II	III
A.	Industrial land use	Institutional land use	Residential land use
B.	Recreational land use	Institutional land use	Industrial land use
C.	Industrial land use	Recreational land use	Residential land use
D.	Residential land use	Recreational land use	Institutional land use

4. Which of the following is/ are the locational advantage(s) of industrial land use in grid square 1583?

- (1) gas production plant nearby
- (2) proximity to recreational facilities
- (3) convenient transport

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

5. Which of the following are reasons for low building density in grid square 1382?

- (1) plenty of steep slopes
- (2) land occupied by public facilities
- (3) presence of high class residential buildings

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

6. Which of the following statements is/ are correct with reference to the pavilion at 139834?

- (1) A bus terminus is to its southwest.
- (2) The whole circle bearing from it to the pavilion at Ko Shan Road Park (grid square 1482) is  $150^\circ$ .
- (3) The reduced bearing from it to the church in grid square 1383 is S  $26^\circ$  E.

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

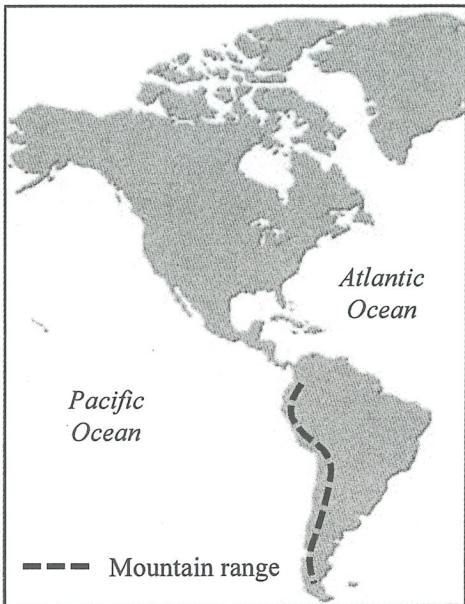
7. Refer to the photograph below.



Which of the following statements of the feature shown in the photograph is/ are correct?

- (1) It is formed by compressional force.
  - (2) There is an occurrence of reverse fault.
  - (3) There is vertical displacement of rock layers.
- 
- A. (1) only
  - B. (3) only
  - C. (1) and (2) only
  - D. (2) and (3) only

8. Refer to the figure below.

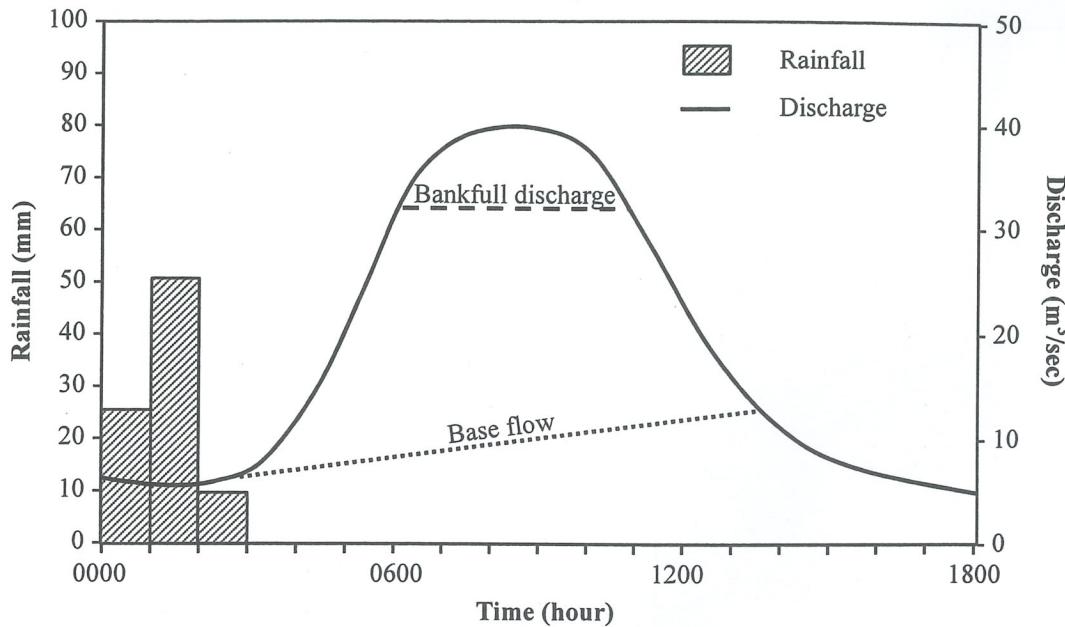


Which of the following statements of the mountain range in the figure is/ are correct?

- (1) It is formed by tensional force.
- (2) It runs parallel with adjacent ocean trench.
- (3) There is the presence of volcanic activity.

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

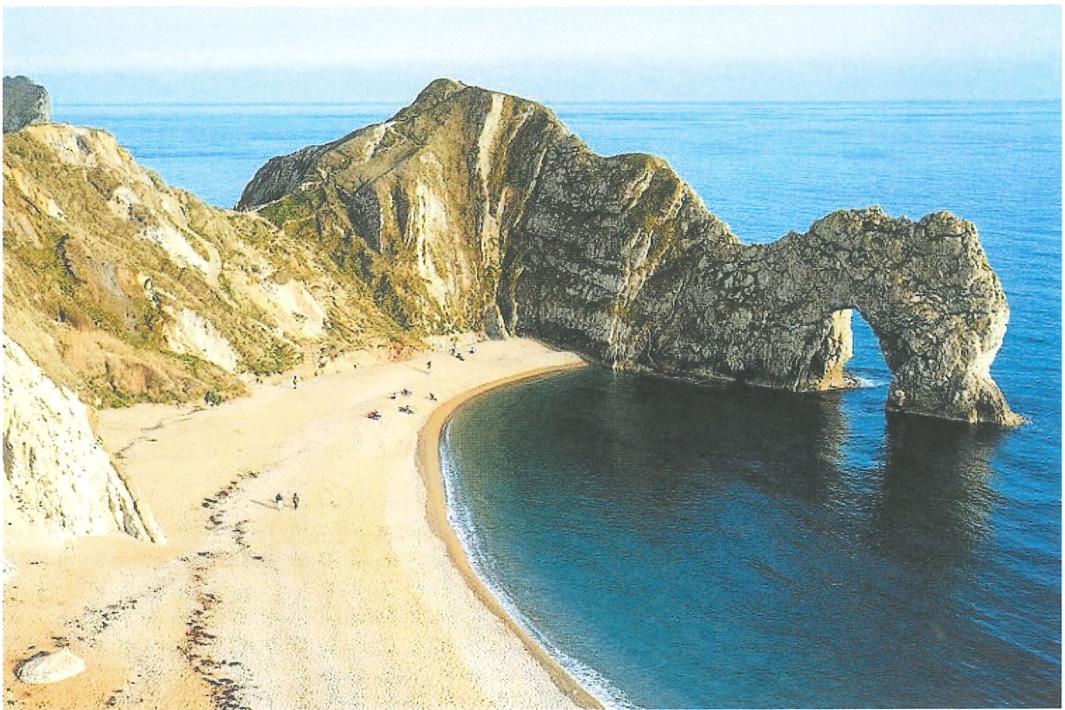
9. Refer to the figure below which shows the hydrograph of a river section.



Which of the following statements of the above hydrograph is/ are correct?

- (1) The time lag is approximately 10 hours.
  - (2) Flooding continues approximately for 5 hours.
  - (3) The rising limb is gentler than the falling limb.
- A. (1) only
- B. (2) only
- C. (1) and (3) only
- D. (2) and (3) only

10. Refer to the photograph below.



Which of the following coastal landforms is/ are shown in the photograph?

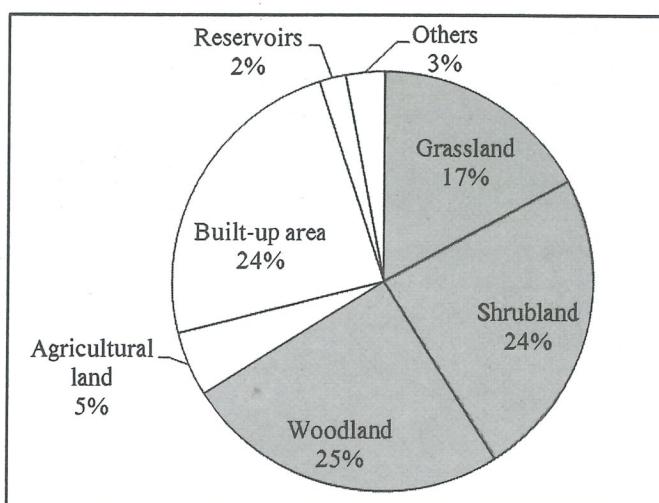
- (1) sea arch
  - (2) stack
  - (3) tombolo
- 
- A. (1) only
  - B. (2) only
  - C. (1) and (3) only
  - D. (2) and (3) only

11. Which of the following are the causes of industrial inertia?

- (1) high relocation cost
  - (2) presence of good infrastructure
  - (3) presence of agglomeration economies
- 
- A. (1) and (2) only
  - B. (1) and (3) only
  - C. (2) and (3) only
  - D. (1), (2) and (3)

12. Which of the following are the locational advantages of iron and steel plants at the coastal regions of China?
- (1) abundant coal reserves nearby
  - (2) close to well-developed ports
  - (3) proximity to water for cooling
- A. (1) and (2) only
  - B. (1) and (3) only
  - C. (2) and (3) only
  - D. (1), (2) and (3)

13. Refer to the figure below which shows the proportion in area of different types of land in Hong Kong in 2017.



Which of the following are the uses of the types of land shaded in the figure?

- (1) conserving natural habitats
  - (2) providing recreational resources
  - (3) limiting urban encroachment
- A. (1) and (2) only
  - B. (1) and (3) only
  - C. (2) and (3) only
  - D. (1), (2) and (3)

14. Which of the following are the purposes of developing new towns in Hong Kong?

- (1) to decentralise population
  - (2) to provide a better living environment
  - (3) to preserve rural culture
- A. (1) and (2) only
  - B. (1) and (3) only
  - C. (2) and (3) only
  - D. (1), (2) and (3)

15. Which of the following pairs of comparison between intensive farming and extensive farming are correct?

	Intensive farming	Extensive farming
(1) Physical input per hectare of land	higher	lower
(2) Human input per hectare of land	higher	lower
(3) Output per hectare of land	higher	lower

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

16. Which of the following are the major ways to alleviate the shortage of irrigation water in Southern California?

- (1) storage of water in reservoirs
  - (2) transfer of water by irrigation canals
  - (3) desalination of seawater
- A. (1) and (2) only
  - B. (1) and (3) only
  - C. (2) and (3) only
  - D. (1), (2) and (3)

17. Which of the following statements of tropical rainforests is/ are correct?

- (1) Tropical rainforests are located mainly at coastal areas.
  - (2) Tropical rainforests are distributed mainly between 15° N and 15° S.
  - (3) The area of tropical rainforests in the northern hemisphere is greater than that in the southern hemisphere.
- A. (1) only
  - B. (2) only
  - C. (1) and (3) only
  - D. (2) and (3) only

18. Which of the following are the impacts brought about by large scale deforestation in the tropical rainforest on microclimate?

- (1) a decrease in the diurnal range of temperature
  - (2) a fall in the relative humidity
  - (3) an increase in wind speed
- A. (1) and (2) only
  - B. (1) and (3) only
  - C. (2) and (3) only
  - D. (1), (2) and (3)

19. Which of the following is/ are the impact(s) of global warming on high-latitude regions?

- (1) acceleration of glaciers melting
  - (2) increase in land surface albedo
  - (3) shortening of frost-free period
- A. (1) only
  - B. (2) only
  - C. (1) and (3) only
  - D. (2) and (3) only