

FUKIEN SECONDARY SCHOOL
S2 First Term Uniform Test (2020-2021)
Geography
(45 minutes)

Date: 20th October 2020

Name: _____

Time: 8:30 a.m. - 9:15 a.m.

Class: _____ No.: _____

Instructions to Candidates:

1. The full mark of this paper is 100.
2. Write **ALL** answers on the answer sheets provided.
3. Hand in both the question paper and the answer sheets at the end of the test.

I. Multiple Choice Questions (20 marks)

Choose the best answers and put a ✓ in the correct boxes on the answer sheets.

1. What is river Y shown in the map below?



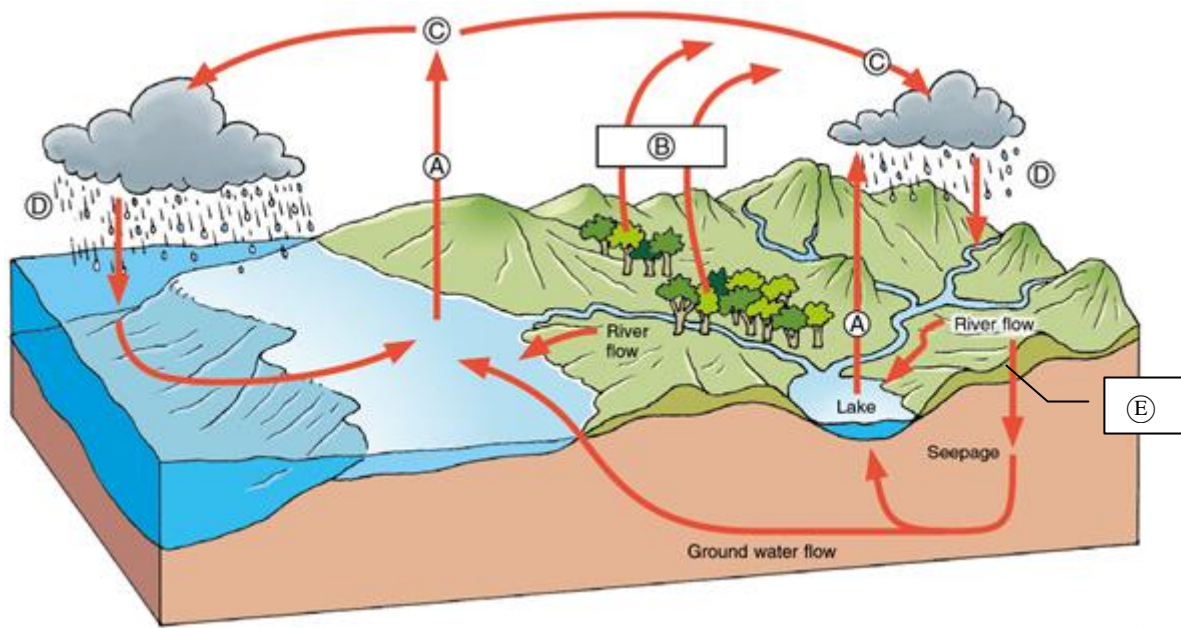
- A. The Huang He
- B. The Chang Jiang
- C. The Zhu Jiang
- D. The Helongjiang

2. Water resources generally refer to the _____ available for human use on the Earth.
- A. sewage
 - B. saltwater
 - C. freshwater
 - D. water vapour
3. Which of the following are the uses of water resources?
- (1) Irrigation
 - (2) Industrial production
 - (3) Power generation
- 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 descriptions about glaciers are correct?
- (1) Glaciers are mainly found in high mountains in the western part of China.
 - (2) Major rivers receive meltwater from glaciers in spring.
 - (3) Melting of glaciers provides a stable water supply for the country.
 - (4) Glaciers are stored in the aquifers between rock layers.
- A. (1) and (2) only
 - B. (1) and (3) only
 - C. (1), (2) and (3) only
 - D. (1), (2), (3) and (4)
5. Which of the following has the largest amount of freshwater storage on the Earth?
- A. Underground water
 - B. Lakes
 - C. Rivers
 - D. Glaciers and ice caps
6. Which of the following about the freshwater resources in China are correct?
- (1) Rivers and lakes are the major sources of freshwater.
 - (2) The Huang He has the largest annual flow.
 - (3) The water resources reduce from south-east to north-west.
- A. (1) and (2) only
 - B. (1) and (3) only
 - C. (2) and (3) only
 - D. (1), (2) and (3)

7. Which of the following are the examples of water pollution?
- (1) Algal bloom in lakes
 - (2) Foam and bubbles in rivers
 - (3) Toxic substances found in tap water
- A. (1) and (2) only
 - B. (1) and (3) only
 - C. (2) and (3) only
 - D. (1), (2) and (3)
8. Which continent has the smallest amount of water supply?
- A. Africa
 - B. Europe
 - C. Asia
 - D. North America
9. What is the source of energy for the water cycle?
- A. Rainfall
 - B. The sun
 - C. Wind
 - D. Gravity
10. Water goes round and round between the _____, sea and land through different processes in a cycle.
- A. ice
 - B. gas
 - C. soil
 - D. atmosphere

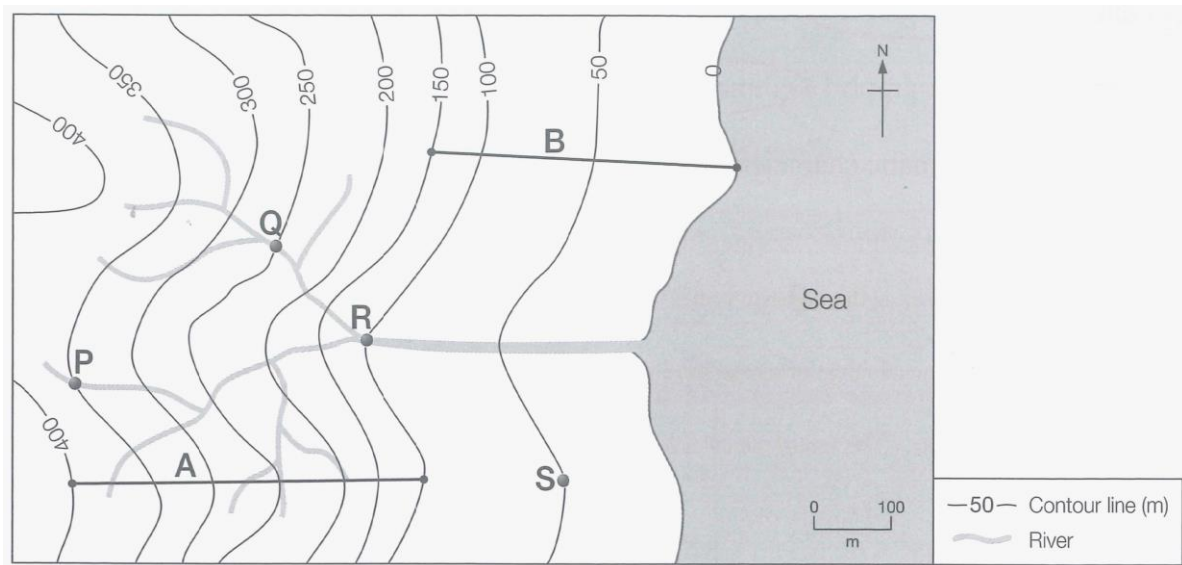
II. Data-based Questions (68 marks)

1. Study the figure below carefully and answer questions (a) to (e).



- | | |
|---|------------|
| (a) Name the cycle shown in the figure. | (2 marks) |
| (b) Name processes A to E. | (10 marks) |
| (c) If people clear the vegetation, how will this affect processes B and D? | (4 marks) |
| (d) How does urbanization affect process E? Explain your answer. | (4 marks) |
| (e) How does urbanization affect groundwater storage? Explain your answer. | (4 marks) |

2. Study the map below carefully and answer questions (a) to (e).



- (a) What is the vertical interval of the map? (2 marks)
- (b) What are the heights of Q and S? (4 marks)
- (c) Calculate the gradient of the following slopes. Show your workings.
- (i) Slope A (4 marks)
- (ii) Slope B (4 marks)
- (d) Which slope in question (c) is steeper? (2 marks)
- (e) Which location, P or R, is affected by flooding easily? Quote map evidence to support your answer. (4 marks)

3. Study Tables 3a and 3b carefully and answer questions (a) to (c).

Table 3a	
Water on the Earth	
A	97%
B	3%

Table 3b	
Distribution of B	
Glaciers and ice caps	68.7%
Groundwater	30.1%
Surface water	0.3%
Others	0.9%

- (a) Refer to Table 3a. Name A and B. (4 marks)
- (b) Refer to Table 3b.
- (i) Draw a pie chart to show the distribution of B on the Earth. (10 marks)
- (ii) Name **three** types of surface water. (6 marks)
- (c) Describe **two** factors which affect the world's water supply. (4 marks)

III. Long Questions (12 marks)

Answer both questions in complete sentences and paragraphs.

1. Describe and explain **two** causes of water pollution. (6 marks)
2. Describe and explain **two** impacts brought by flooding. (6 marks)

-- End of Question Paper --