



Candidate Name

Candidate Number

Centre Name

Centre Number

Paper 1: Geography

For Examination June 2023

(1 hour 30 minutes)

It is necessary to respond on the answer sheet provided alongside this question paper. Additionally, you must have a dark blue or black pen.

INSTRUCTIONS:

- You must write your name, candidate number, centre name and centre number on the answer sheet in the designated space.
- This paper consists of 2 sections, it is essential that you attempt both of them.
- It is important to follow the instructions provided on the answer sheet.
- Do not use correction fluid.
- Avoid writing on any bar codes.

Section A:

Answer all questions from this section:

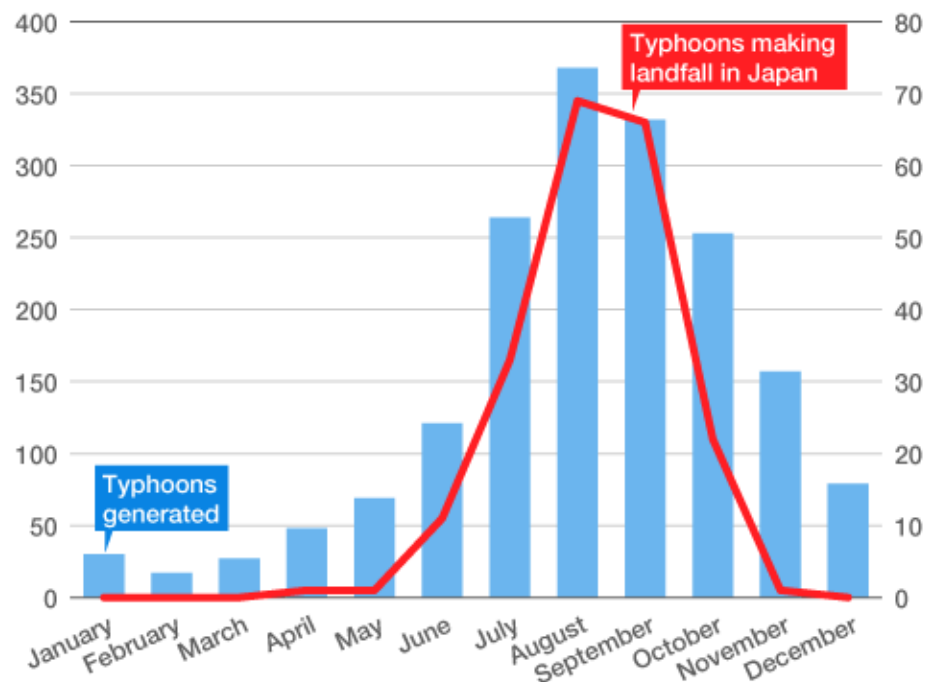
1. Following is the number of immigrants in the US by 2019:

Country of Origin	Number of Immigrants	Share (%)
TOTAL	3,380,000	100.0%
Colombia	808,000	23.9%
Brazil	502,000	14.9%
Venezuela	465,000	13.8%
Peru	446,000	13.2%
Ecuador	431,000	12.8%
Guyana	254,000	7.5%
Argentina	211,000	6.2%
Chile	94,000	2.8%
Bolivia	80,000	2.4%
Uruguay	49,000	1.4%
Other	40,000	1.2%

- (a)** Rank the countries of origin in order according to their number of migrants into US. [4 marks]
- (b)** Explain five challenges which international migrants may experience when settling in a new country. [5 marks]
- (c)** Identify the total number of South American immigrants within US. [4 marks]
- (d)** Explain the possible benefits of underpopulation for a country you have studied. [3 marks]

2. Following graph shows the number of typhoon that hit Japan by 2018 from 1951:

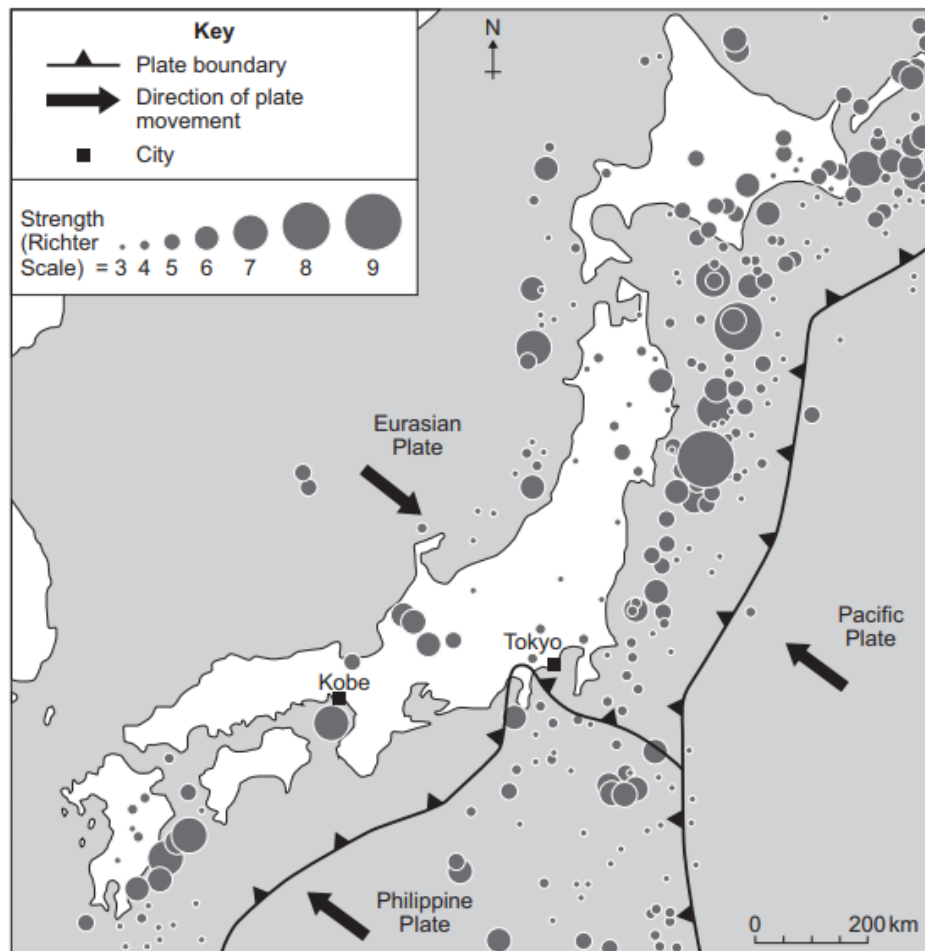
Typhoons by Month



Created by Nippon.com based on data from the Japan Meteorological Agency for the period from 1951 to July 2018. nippon.com

- (a) Calculate the percentage of total number of typhoons hitting in June. [5 marks]
- (b) Explain the seasonal pattern adapted by tropical storms. [4 marks]
- (c) Compare the features of meandering and braided rivers. [4 marks]
- (d) Explain the impact of modern human activities on the behaviour of rivers. [3 marks]

3. Following map shows the distribution of earthquakes within Japan:



- (a) Identify the type of plate margin between the Eurasian and Pacific plates. [3 marks]
- (b) Describe the risks of a tectonic hazard. [4 marks]
- (c) Explain another tectonic hazard likely to occur near to the plate margins in figure. [5 marks]
- (d) Briefly explain the impact of tropical cyclone on coastal areas. [4 marks]

4. Following map shows expected megacities by 2035:



- (a) Explain the distribution of cities shown in figure. [3 marks]
- (b) Identify the efficiency of major current conservation and sustainability strategies in addressing environmental challenges. [3 marks]
- (c) Explain the significance of transportation related factors in management of urbanisation. [3 marks]
- (d) Define the economic opportunities presented by urbanization in developed countries. [3 marks]

Section B:

Answer any three questions from this section:

1. Draw conventional signs for the following features:

- | | |
|----------------------|--------------------|
| (i) Mixed Forest | (vi) River |
| (ii) Karez | (vii) Post Office |
| (iii) Grave yard | (viii) Huts |
| (iv) Cultivated Land | (ix) Church |
| (v) Lighthouse | (x) Contour Lines. |

[10 marks]

2. What is the statement of scale in miles when R.F is 1 : 63360?

[10 marks]

3. Draw a Cylindrical Equal Area Projection when the R.F is 1 : 250,000,000 and G.I is 30 degrees.

[10 marks]

4. State major advantages of using comparative or group bar graphs.

[10 marks]