

BA PROVINCIAL FREE-BIRD INSTITUTE

ANNUAL EXAMINATION 2020

GEOGRAPHY

YEAR 12

Time Allowed: 3 hours

(An extra 10 minutes is allowed for reading this paper.)

INSTRUCTIONS

1. Write your **Index Number** on the front page and inside the back flap of the **Answer Booklet**.
2. Write **all** your answers in the **Answer Booklet** provided.
3. If you use extra sheets of paper, be sure to show clearly the question number(s) being answered and to tie each sheet in your **Answer Booklet** at the appropriate places. Ensure that your **Index Number** is written on the extra sheets.
4. Answer **all** the questions with a blue or black ballpoint pen or ink pen. Do **not** use red ink. You may use a pencil only for drawing.
5. You may use a calculator, provided it is silent, battery-operated and non-programmable.
6. There are two sections in this paper. **Both sections are compulsory. Note the options in the essays for Section B.**

SUMMARY OF QUESTIONS

SECTION	GUIDELINES	TOTAL MARK	SUGGESTED TIME
A	There is only one question in this section. Natural Hazards - Fiji and Monsoon Asia	32	70 minutes
B	There are three questions in this section. Agriculture and Food Production - Fiji and New Zealand Tourism - Fiji and Australia Marine Resources - Fiji and Japan Answer all the questions. Note the options for essays.	68	110 minutes
TOTAL		100	180 minutes

SECTION A

[32 marks]

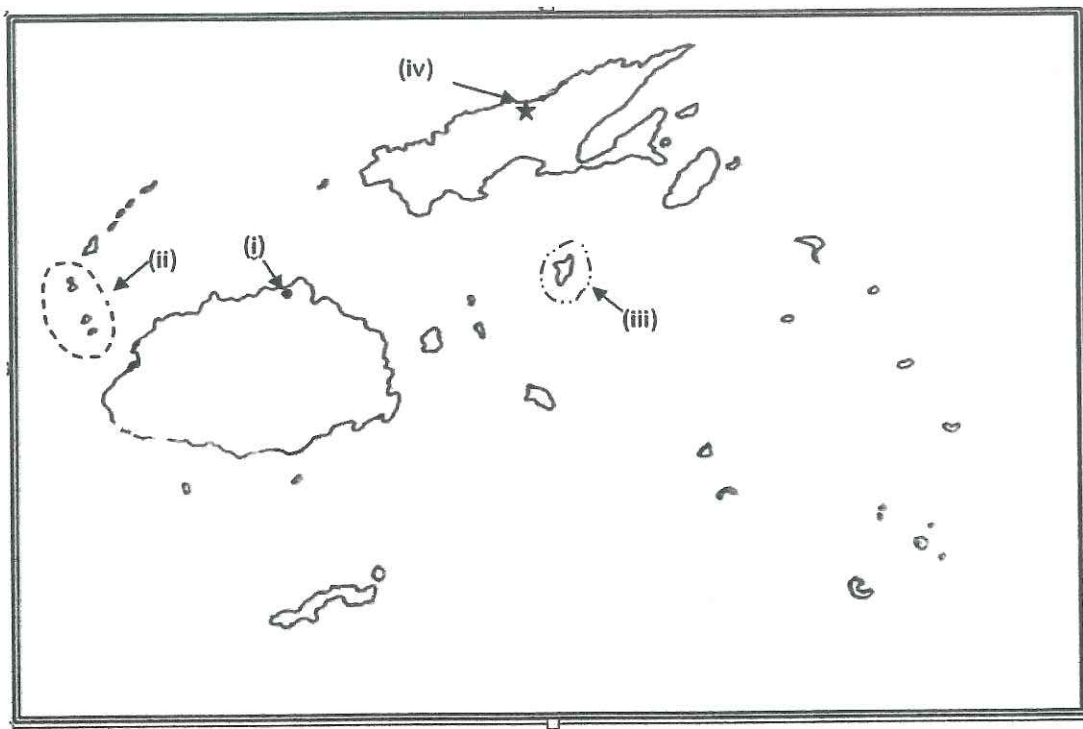
QUESTION 1 NATURAL HAZARDS – FIJI AND MONSOON ASIA (32 marks)

A. Mapping

(2 marks)

(a) Use the map of Fiji given below and your knowledge to identify the features marked (i) to (iv) that are described as follows:

- (i) a town that is prone to flooding
- (ii) a drought prone group of islands
- (iii) a natural disaster that is caused by moving cyclone and affected some coastal areas of this island-
- (iv) this drought prone area in Vanua Levu



(b) On the outline map of Monsoon Asia given in the **Answer Booklet**, locate and name:

- (i) the wind that brings typhoon to the regions
- (ii) a drought prone region

(2 marks)

B. Resource Interpretation

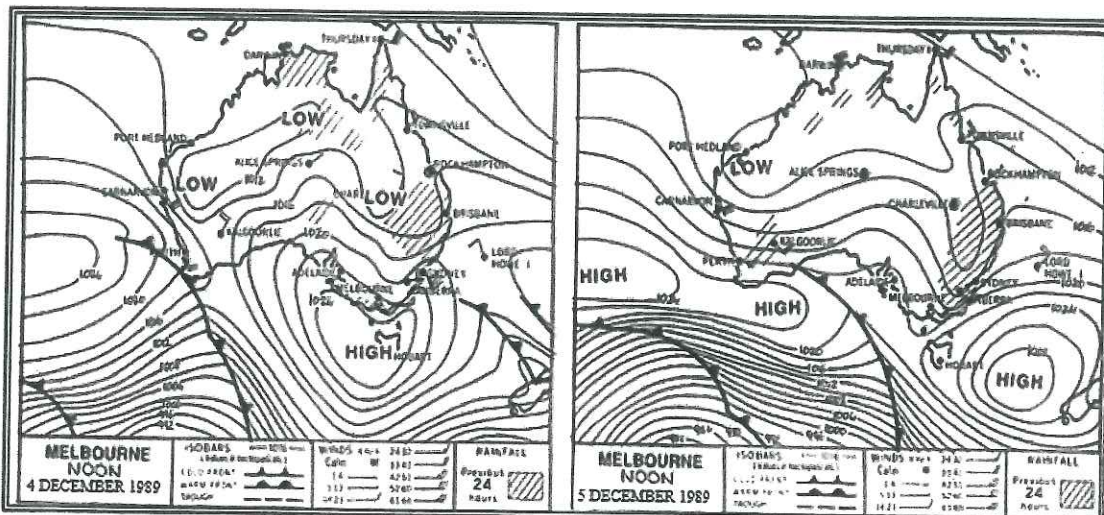
Use the resource given below and your knowledge to answer the question that follows:



- (i) Name the natural hazard that caused the destruction above and state **one** way in which the destruction above can be reduced. (2marks)

C. Synoptic Chart Interpretation

Use the weather map given below and your knowledge to answer the questions that follow.



Source: *Mapping and Statistical Skills for Secondary Students*, Scott, L. & Laws, K., 1991.

- (i) Describe the weather condition for Australia over the two – day period. (2marks)

- (ii) Explain the weather condition experienced at Southland in New Zealand. State a reason for your answer? **(2 marks)**
- (iii) Identify and explain the weather condition associated with a front shown in the map. **(2 marks)**

D. Short Answer Questions

- (i) Briefly explain why bush fire is a critical issue for the people. **(2 marks)**
- (ii) Suggest two advantages of international cooperation when dealing with natural hazards **(2marks)**

E. Definitions (6 marks)

Define clearly any six of the following terms/ concepts:

- | | |
|--------------------|-----------------------|
| (i) Winter monsoon | (v) Coriolis force |
| (ii) tornado | (vi) Evacuation drill |
| (iii) storm surge | (vii) after shocks |
| (iv) lapilli | (viii) epicentre |

F. Essay (10 marks)

Write an essay of 180-200 words on the given question.

With reference to an **atmospheric hazard** that occurred in **either** Fiji or Monsoon Asia, discuss **two** human activities that can worsen the impacts of the hazard and **two** measures to reduce the impacts.

SECTION B**[68 marks]**

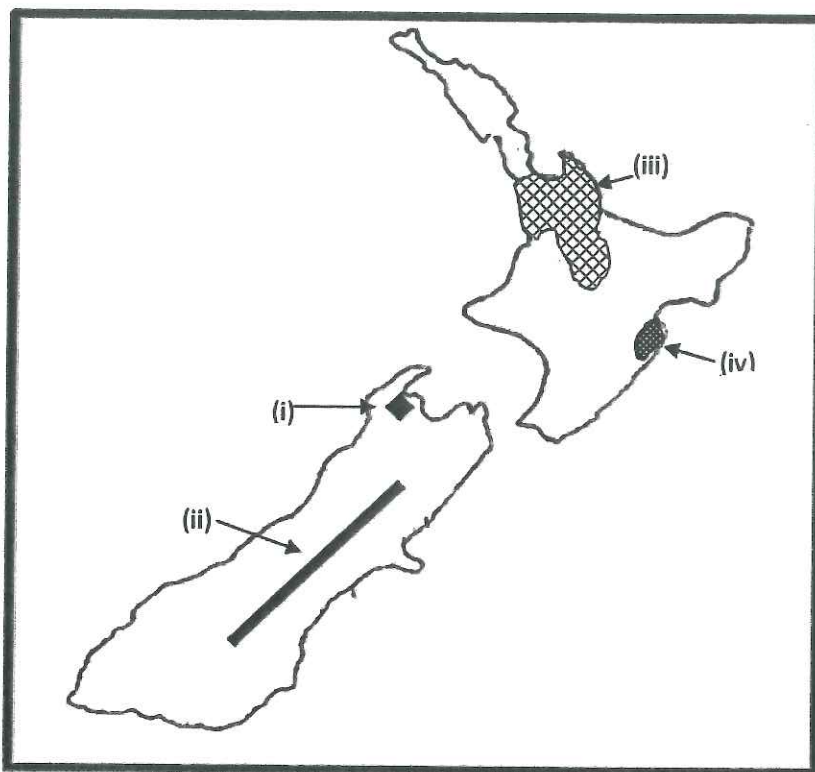
There are **three** questions in this section. Answer **all** questions **BUT** write **two essays only** from the three essay questions that are given.

QUESTION 2

AGRICULTURE AND FOOD PRODUCTION - (16 marks)
FIJI AND NEW ZEALAND

A. Mapping**(2 marks)**

- (a) Use the map of New Zealand given below and your knowledge to identify the features/regions marked (i) to (iv) that are described as follows:
- (i) this citrus fruit growing area
 - (ii) the main fine wool sheep farming area
 - (iii) this region where dairy farming is the main agricultural activity
 - (iv) plain known for horticultural activities



- (b) On the outline map of Fiji provided in the **Answer Booklet**, locate and name a:

- (i) a major cattle farming area owned by a pastoral company in Viti Levu
- (ii) the first certified organic island in Fiji

SECTION B (continued)**B. Resource interpretation**

Use the resource given below and your knowledge to answer the question that follows.



State **two** disadvantages of the type of farming shown above.

(2 marks)

C. Short Answer Questions

- (i) State **one** importance of farmers having work plan or proven work cycle?
(2 marks)
- (ii) Name **one** economic factor that affects agriculture and state its impact?
(2 marks)

D. Definitions

(6 marks)

Define clearly any **six** of the following terms/ concepts:

- | | |
|---------------------|------------------------------|
| (i) terracing | (v) rotational grazing |
| (ii) eutrophication | (vi) silage |
| (iii) hydroponics | (vii) commercial agriculture |
| (iv) hybrid | (viii) crown land |

E. Essay

(10 marks)

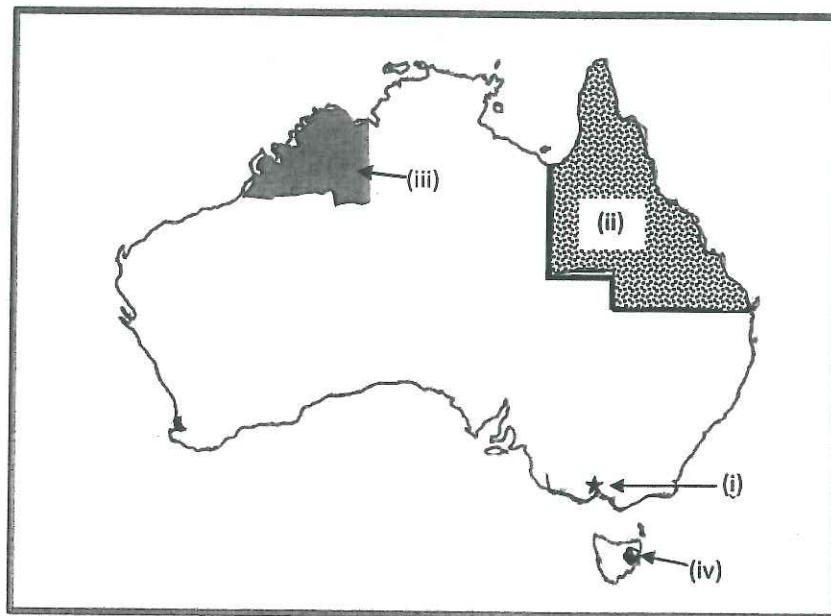
Write an essay of **180-200** words on the given question.

With reference to either Fiji or New Zealand, discuss **four** contemporary issues affecting agricultural development.

QUESTION 3**TOURISM – FIJI AND AUSTRALIA****(16 marks)****A. Mapping****(2 marks)**

(a) Use the map of Australia given below and your knowledge to identify the areas/features marked (i) to (iv) that are described as follows:

- (i) a city known for hosting a world's famous horse racing event
- (ii) a state known as the "state of golden beaches"
- (iii) this region which was known as one of the earliest settled parts of Australia
- (iv) this site that was once a penal settlement for prisoners on Tasmania



(b) On the outline map of Fiji provided in the Answer Booklet, locate and name:

- (i) an island known for its red prawns.
- (ii) an ecotourism village in the highlands of Ba

(2 marks)

SECTION B (continued)

B. Resource Interpretation

Use the resource given below and your knowledge to answer the question that follows:



State **two** importance of the above actions portrayed by the tourists in the resource above. **(2 marks)**

C. Short Answer Questions

- (i) State how climate change affects the tourism industry of Fiji and give an example to illustrate this. **(2 marks)**
- (ii) Describe **two** adverse impacts of tourism development. **(2 marks)**

D. Definitions **(6 marks)**

Define clearly any **six** of the following terms/ concepts:

- | | |
|-------------------|-----------------------|
| (i) passport | (v) travel itinerary |
| (ii) gateway | (vi) long haul market |
| (iii) leakage | (vii) kiss of death |
| (iv) package deal | (viii) target group |

E. Essay **(10 marks)**

Write an essay of **180-200** words on the given question.

With reference to **either** Fiji **or** Australia, discuss **two** contemporary issues in tourism development and **two** ways the government has dealt with the issues.

SECTION B (continued)

QUESTION 4

MARINE RESOURCES – FIJI AND JAPAN

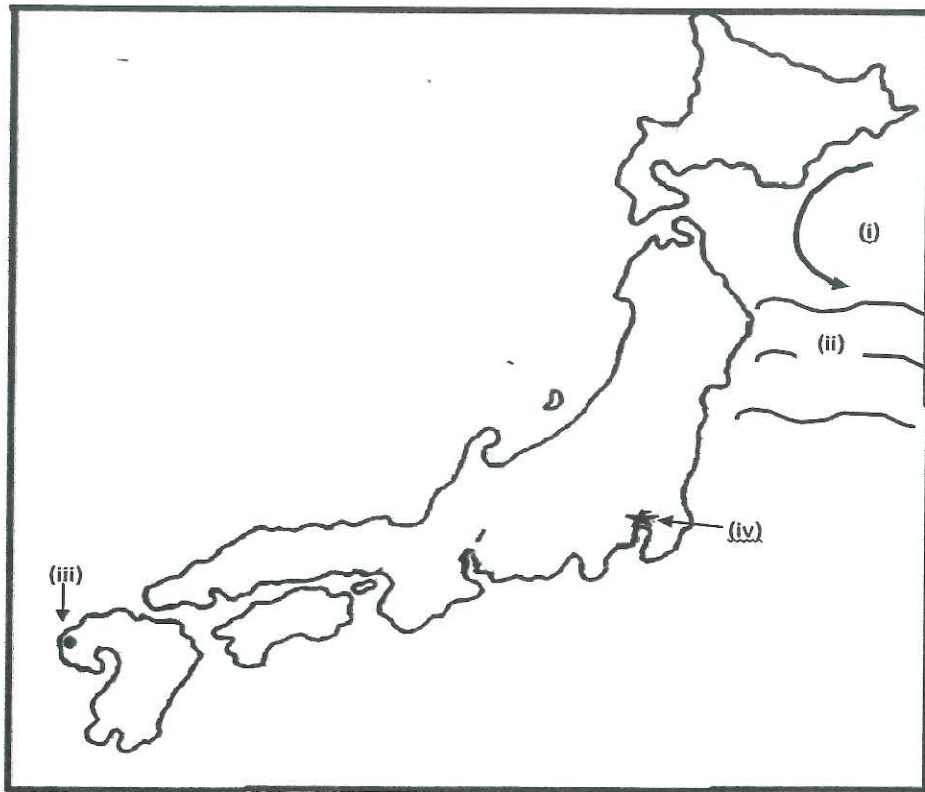
(16 marks)

A. Mapping

(2 marks)

(a) Use the map of Japan given below and your knowledge to identify the areas/ features marked (i) to (iv) that are described as follows:

- (i) this cool ocean current
- (ii) ocean where deep sea fishing is conducted
- (iii) this national fisheries research station in Kyushu.
- (iv) this biggest wholesale fish and seafood market in the world



(b) On the outline map of Fiji provided in the Answer Booklet, locate and name:

- (i) a province in Vanua Levu that is actively involved in marine conservation
- (ii) an island known for breeding of giant clams

B. Resource Interpretation

Use the resource given below and your knowledge to answer the question that follows:



Identify the type of traditional fishing method shown in the picture and state **one** of its advantage. (2 marks)

C. Short Answer Questions

- (i) Explain **two** ways in which the local communities can contribute to the conservation of marine resources. (2 marks)
- (ii) State **two** ways in which man have harmed the coral reefs. (2 marks)

D. Definitions (6 marks)

Define clearly any **six** of the following terms/ concepts:

- | | |
|-------------------------------|-------------------------------------|
| (i) pelagic species | (v) Maximum Sustainable Yield (MSY) |
| (ii) barrier reef | (vi) mariculture |
| (iii) Exclusive Economic Zone | (vii) Harvesting Capacity |
| (iv) down-welling | (viii) Purse Seine |

E. Essay (10 marks)

Write an essay of **180-200** words on the given question.

With reference to either Fiji or Japan, describe **two** marine ecosystems and **two** ways in which these have been altered by man.

THE END