



3055 BA SANGAM COLLEGE

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LESSON NOTES

WORKSHEET 22

YEAR 12: GEOGRAPHY

NAME: _____

Strand	2.1 Natural Hazards
Sub Strand	12.1.1.2
Content Learning Outcome	The important places that are related or associated with Natural Hazards

Question 1 Mapping

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

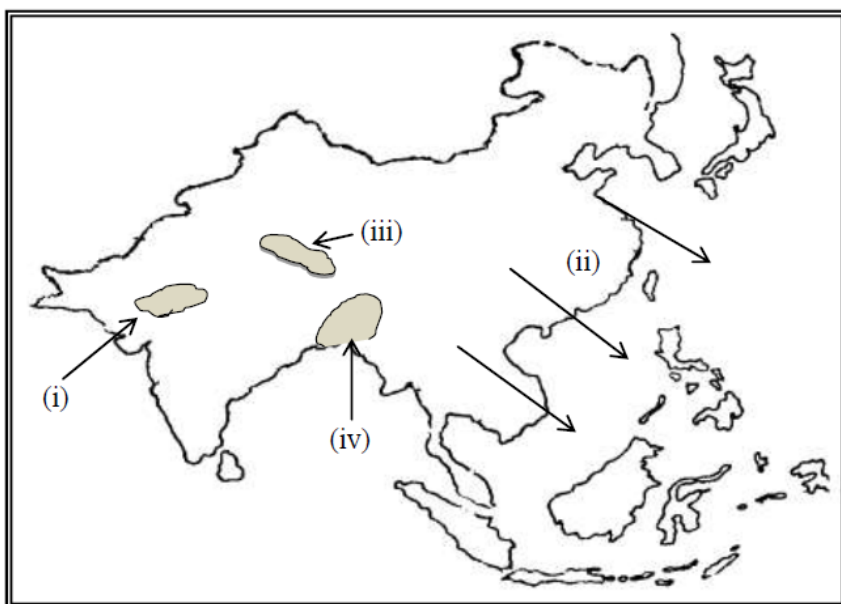
(i) this drought prone region

(ii) the wind system which blows in this direction

(iii) this nation which was struck by an earthquake in April 2015

(iv) a physical factor which makes this country prone to floods

(2 marks)



Question 2 Definitions

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Define clearly the following terms:

- | | | |
|--------------------|------------------|-----------|
| i. Epicentre | ii. maar | |
| iii. Seismic waves | iv. Ring of fire | |
| v. Landslide | vi. Aftershocks | (6 marks) |

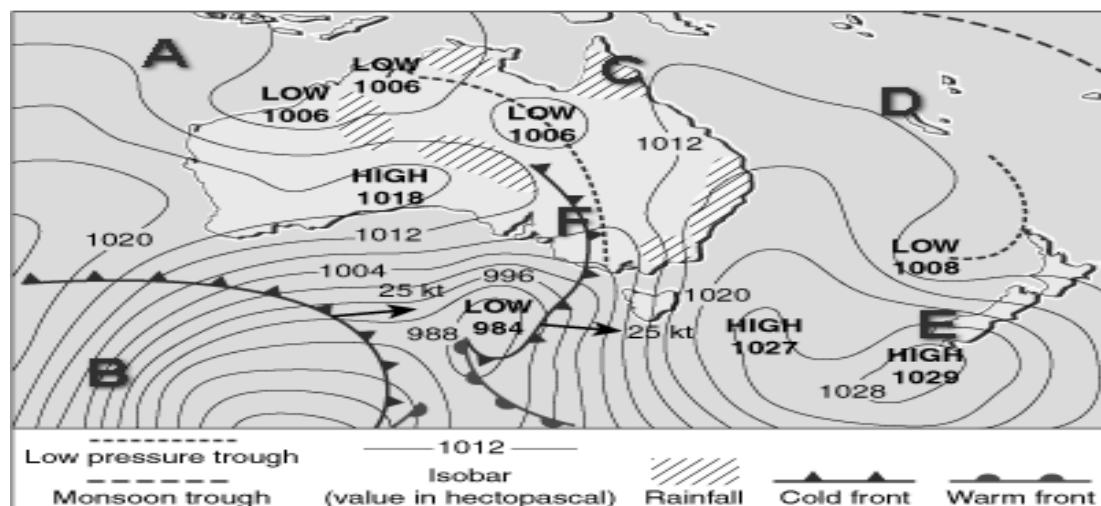
Question 3 Short Answer Questions

- | | |
|--|-----------|
| (i) Briefly explain two effects of climate change on coastal areas. | (2 marks) |
| (ii) Briefly discuss two ways of minimizing the effects of tsunami. | (2 marks) |
| (iii) Name two drought affected areas in Monsoon Asia. | (2 marks) |
| (iv) Discuss how people have increased the effects of flooding. | (2 marks) |
| (v) List two volcanic hazards. | (2 marks) |

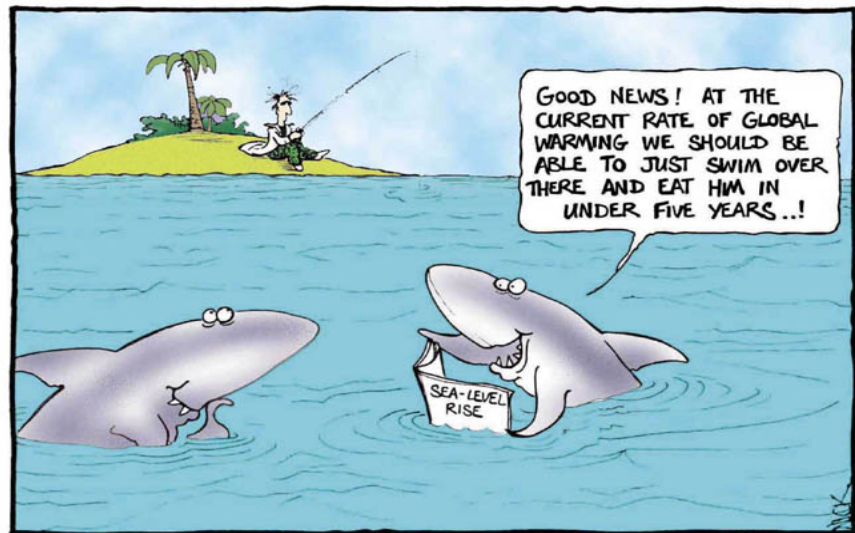
Question 4 Resource Interpretation

a. Synoptic Chart Interpretation

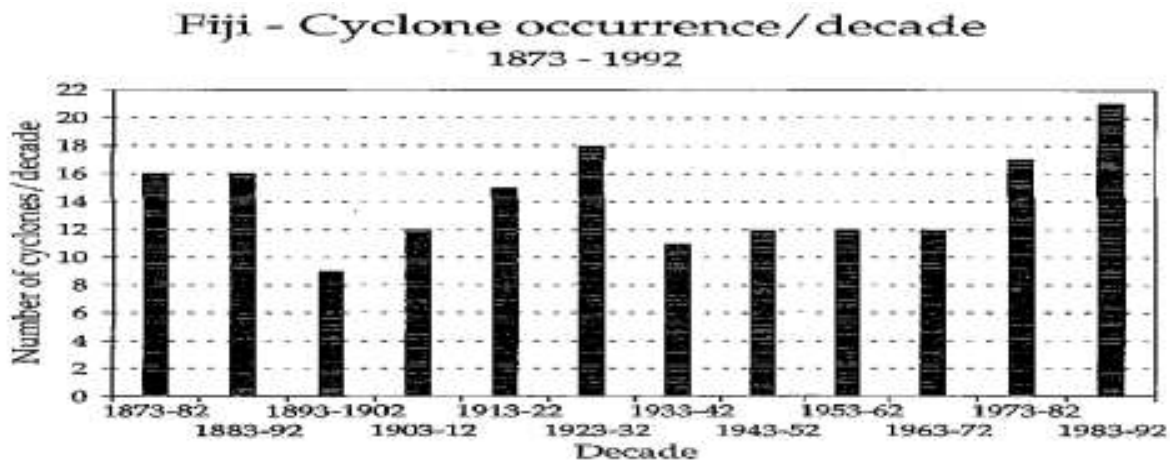
Use the weather map given below and your knowledge to answer the questions that follow:



- | | |
|---|-----------|
| (i). Describe the weather experienced at B. | (2 marks) |
| (ii) Explain a likely natural hazard that may occur at C. | (2 marks) |
| (iii) Describe the weather condition at E. | (2 marks) |
- b. Use the cartoon given below and your own knowledge to answer the questions:

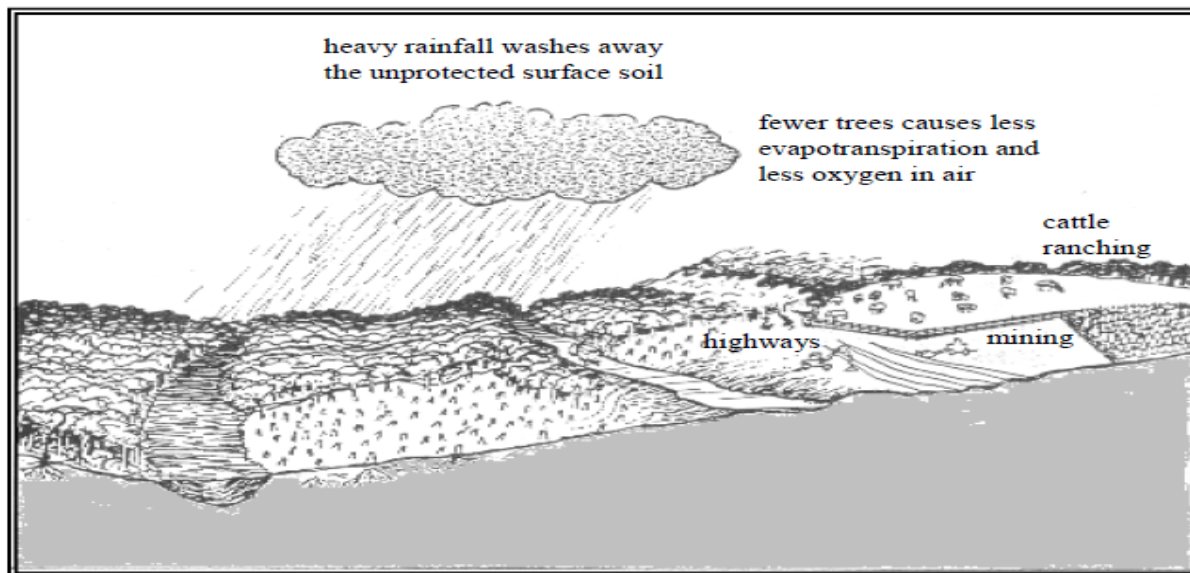


- (i) State **two** negative effects of global warming. (2 marks)
- (ii) Identify **two** ways of minimizing the negative effects. . (2 marks)



Source: *Natural Perils and Integrated Hazard Assessment in Fiji Report*, 1994

- (i) Discuss the trend of cyclone occurrence from 1873 to 1992. (2 marks)
- (ii) Suggest **two** ways in which the government can reduce the impacts of cyclones. (2 marks)
- c. Study the diagram given below and use your own knowledge to answer the question that follows.



Source: *F6 Geography Revision*, A. Broad, K. Carter & P. Coombe, 1999.

- (i) Discuss the contribution of above process to flash flooding. (2 marks)
- (ii) Describe **two** ways through which the forest cover benefits the soil. (2 marks)

SECTION B ESSAY WRITING (10 MARKS)

Choose **one** question and write an essay of **180-200** words.

Question 1

With reference to a tectonic hazard that occurred in either Fiji or Monsoon Asia, describe two negative and two positive effects of the hazard.