



UNIVERSITY OF CAMBRIDGE INTERNATIONAL EXAMINATIONS  
International General Certificate of Secondary Education

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**PAKISTAN STUDIES**

**0448/02**

Paper 2 The Environment of Pakistan

**For Examination from 2010**

SPECIMEN MARK SCHEME

**1 hour 30 minutes**

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**MAXIMUM MARK: 75**

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This document consists of **3** printed pages and **1** blank page.



**(a) Study Fig.1, which shows the climate of Misgar in the Karakoram Mountains.**

**(i) In which month is the highest precipitation?** [1]

May

**(ii) How much precipitation falls in this month?** [1]

25mms

**(iii) For how many months is the precipitation more than 9 mms?** [1]

6

**(iv) Describe the temperature changes through the year** [3]

below zero January, February and December  
lowest of -7°C in January  
increases to 19°C in August  
decreases to zero in November

**(b) Explain why the precipitation increases in July and August.** [4]

Caused by the monsoon  
Humid air from the Bay of Bengal  
Where air pressure is high  
Moving from the east or north-east  
Towards a low pressure area over the mountains  
Caused by heating of the land  
Air rises  
Moisture condenses  
Clouds form

**(c) (i) Explain how farming and industry is affected by the climate and topography of mountain areas such as the Karakorams. You should use your knowledge of mountain areas and figures from Fig. 1 in your answer.** [6]

Farming  
Transhumance farming due to mountainous topography  
Fruit growing in mountain valleys due to milder climate  
Terracing of slopes to increase flat land for crop growing in valleys  
Storage of food for animals through the winter due to cold temperatures  
Lack of water in winter due to sub-zero temperatures  
Industry  
Small-scale due to difficult access through mountains  
Cottage industries due to cold temperatures in winter

[Max 3 if an answer only considers farming or industry]

**(ii) Explain why travel by land and air is difficult in mountainous areas. [4]**

Roads and railways blocked especially in winter  
Surface damaged by ice and snow  
Steep slopes  
Flooding  
Air travel needs runways  
Fog and ice limits air travel

**(d) What are the advantages and disadvantages of developing tourism in mountain areas? [5]**

Advantages  
Increase local incomes  
Increase local infrastructure  
Opportunities for development  
Maintenance of local environment  
Preservation of local culture

Disadvantages  
Cost of development  
Loss of local culture  
Small scale clearing of land  
May not be successful

[Max 3 if an answer only considers advantages or disadvantages]

**[Total: 25]**

