

**The total of all marks is 40.**

**Good luck!**

**Topic 1: River environments**

**1. Identify the meaning of the term ‘groundwater flow’. (max 1 mark)**

- A) Movement of water over the Earth’s surface
- B) Movement of water within the soil
- C) Movement of water through the rocks below the soil
- D) Movement of water through plants and trees

**2. Identify one process of river erosion. (max 1 mark)**

- A) Suspension
- B) Abrasion
- C) Channelisation
- D) Traction

**3. State one physical factor affecting the rate of river erosion. (max 1 mark)**

Your Answer

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**4. Explain one type of physical weathering in river valleys. (max 1 mark)**

Your Answer

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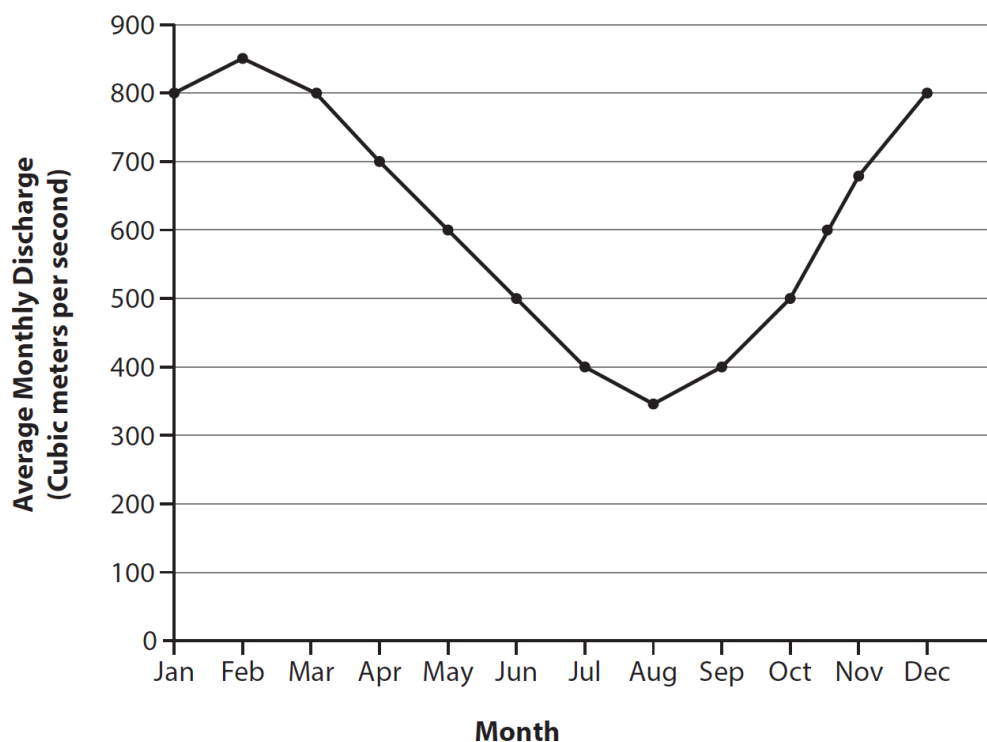
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5. Study figure below. Suggest two factors that have led to the river regime shown on figure. (max 4 marks)



River regime of the River Sever in England

Your Answer

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**6. Explain one way that human activity has reduced water quality. (max 3 marks)**

Your Answer

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**7. Study figure below. Identify landform X shown in figure. (max 1 mark)**



A river landscape in Arkansas, USA

Your Answer

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**8. Explain the formation of a waterfall. (max 4 marks)**

Your Answer

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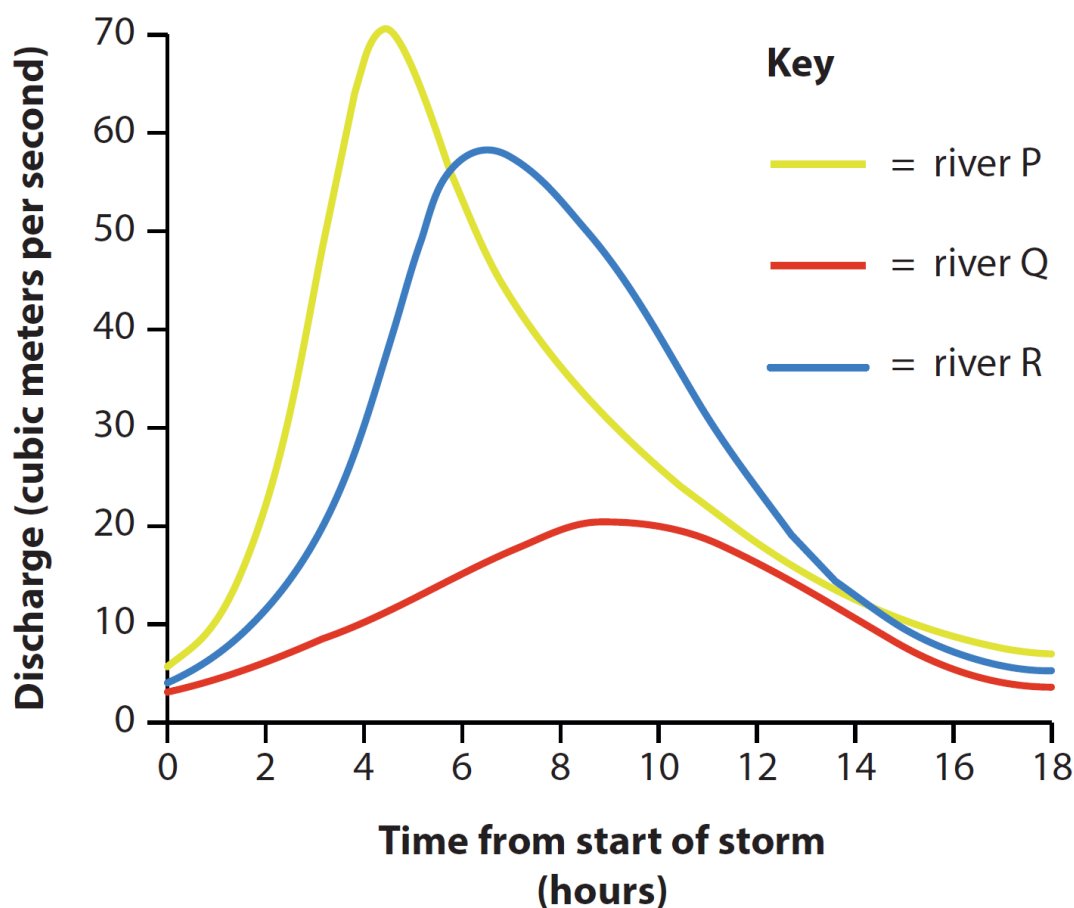
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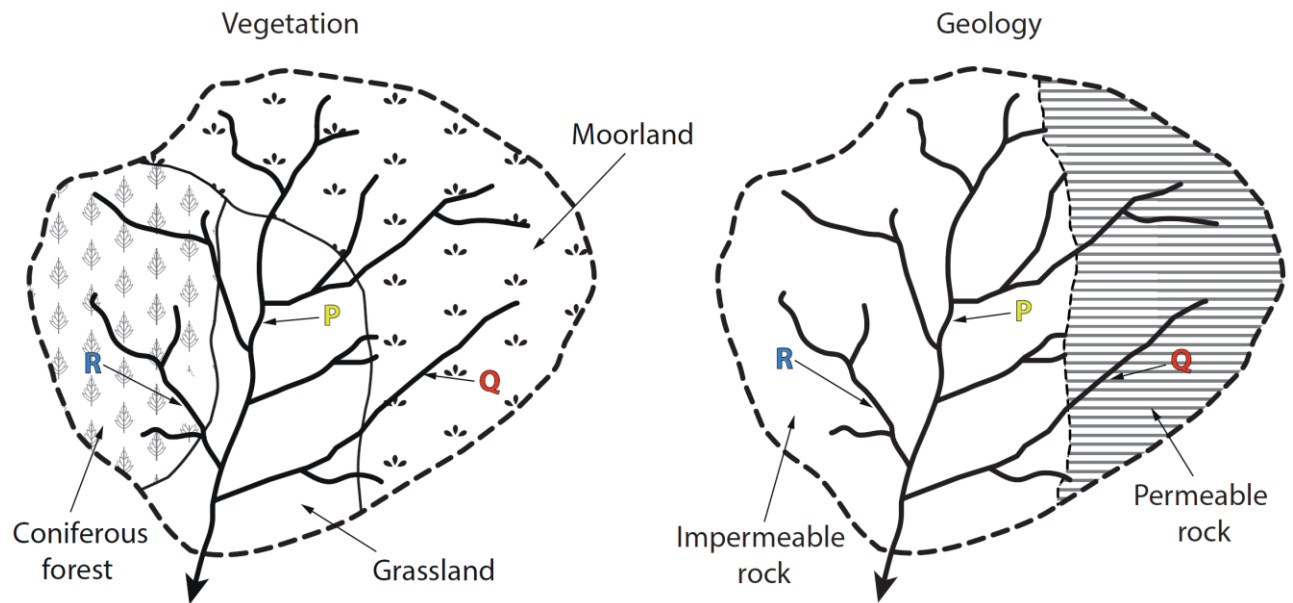
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**9. Study figures below. Analyse the differences in the hydrographs for rivers P, Q and R. (max 4 marks)**



Hydrograph for river P, river Q and river R



### Key

**P** = hydrograph station on river P

Types of vegetation and geology in the drainage basin of river P, river Q and river R

**Your Answer**

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## Topic 2: Economic activity and energy

**1. Identify the meaning of the term 'HEP'. (max 1 mark)**

- A) Hydroelectric power
- B) Hydro-energetic power
- C) Hydroelectric pulse
- D) Hydrostatic energy power

**2. Define the term 'renewable energy source'. (max 1 mark)**

Your Answer

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**3. Identify the economic sector that includes activities such as web design and medical research. (max 1 mark)**

- A) Secondary
- B) Tertiary
- C) Quaternary
- D) Primary

**4. Study figure below. Explain one factor that could have influenced the location of the car manufacturing factory shown in figure. (max 1 mark)**



Your Answer

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**5. State one example of an economic activity in the primary sector. (max 1 mark)**

Your Answer

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**6. Explain two reasons why the number of people employed in the primary sector has fallen in some parts of the world. (max 4 marks)**

Your Answer

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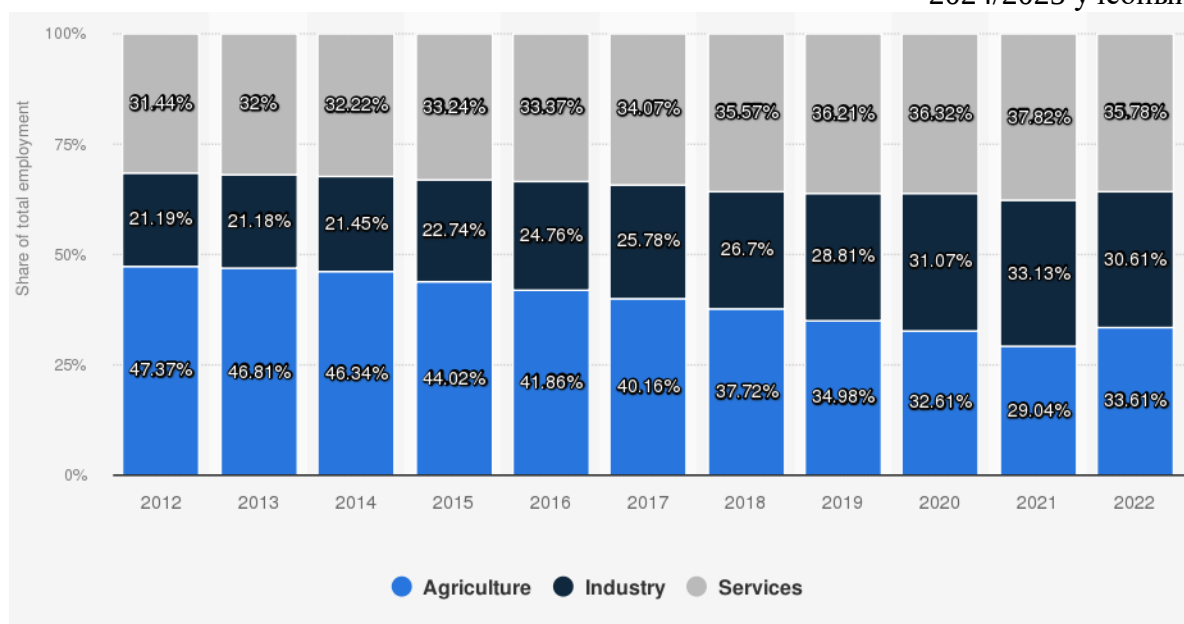
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**7. Study figure below. Suggest one reason for the changes in the tertiary and quaternary sectors. (max 3 marks)**



Changes in employment by economic sector in Vietnam, a developing country

Your Answer

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**8. For a developed country (make your own choice), explain two ways that energy resources are being managed in a sustainable way. (max 4 mark)**

Your Answer

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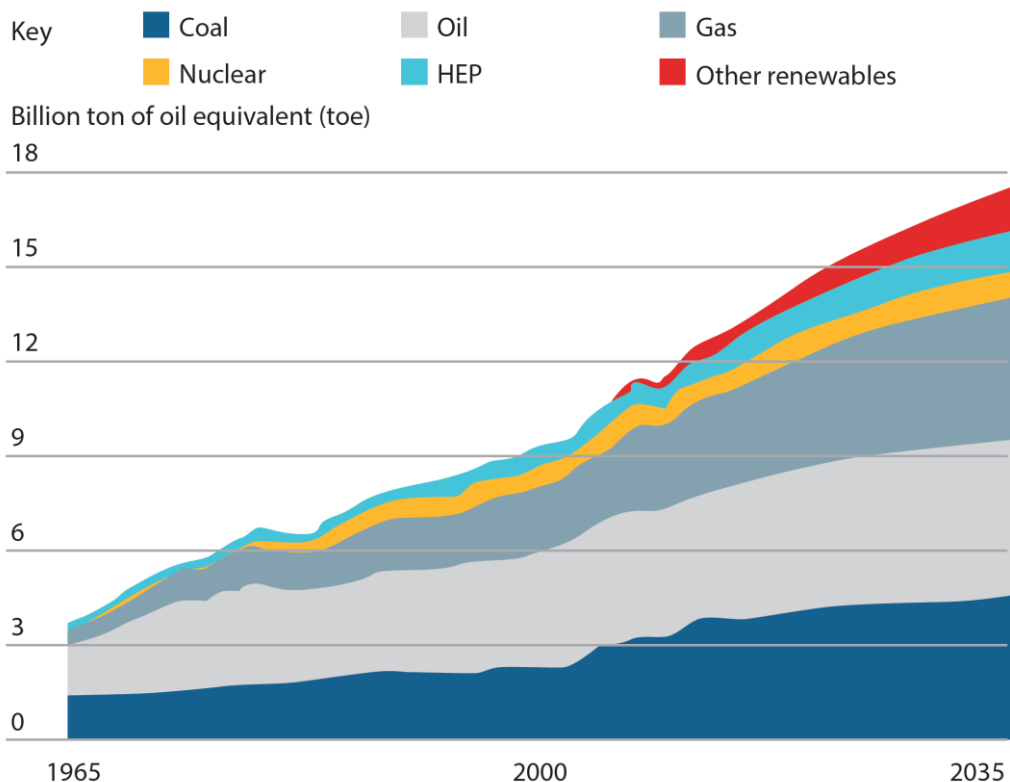
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**9. Study figure below. Analyse the reasons for the past and predicted changes in energy demand. (max 4 mark)**



## Your Answer

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