



ST PAUL'S SCHOOL
Est. 1509

JUNIOR SCHOLARSHIP EXAMINATION

MAY 2018

GEOGRAPHY

1 hour

plus 5 minutes reading time

(NB: during the first 5 minutes, you may annotate or highlight the question paper but may not write anything on your answer sheet)

Answer all of the questions

Physical Geography

1. Explain how humans might influence the Water Cycle shown in Figure 1. (5)
2. Draw an annotated diagram to explain why frontal rainfall occurs. (5)
3. Suggest reasons why the impact of a tectonic event (either volcanoes or earthquakes) might be greater in developing countries than in developed countries. (7)
4. “Deposition is more important than erosion in explaining the formation of river landforms”. To what extent do you agree? (8)

Human Geography

5. Examine Figures 2 and 3. Describe the advantages and disadvantages of displaying this traffic data as a scatter graph with a line of best fit. (5)
6. Explain the factors early settlers considered when choosing sites for new settlements. (5)
7. Using evidence from Figure 4, explain the relationship between the level of economic development and the percentage of people working in each sector of the economy. (7)
8. To what extent is economic growth always at the cost of environmental sustainability? (8)

[Total for paper: 50 marks]

Figure 1 – A simplified diagram of the Water Cycle.

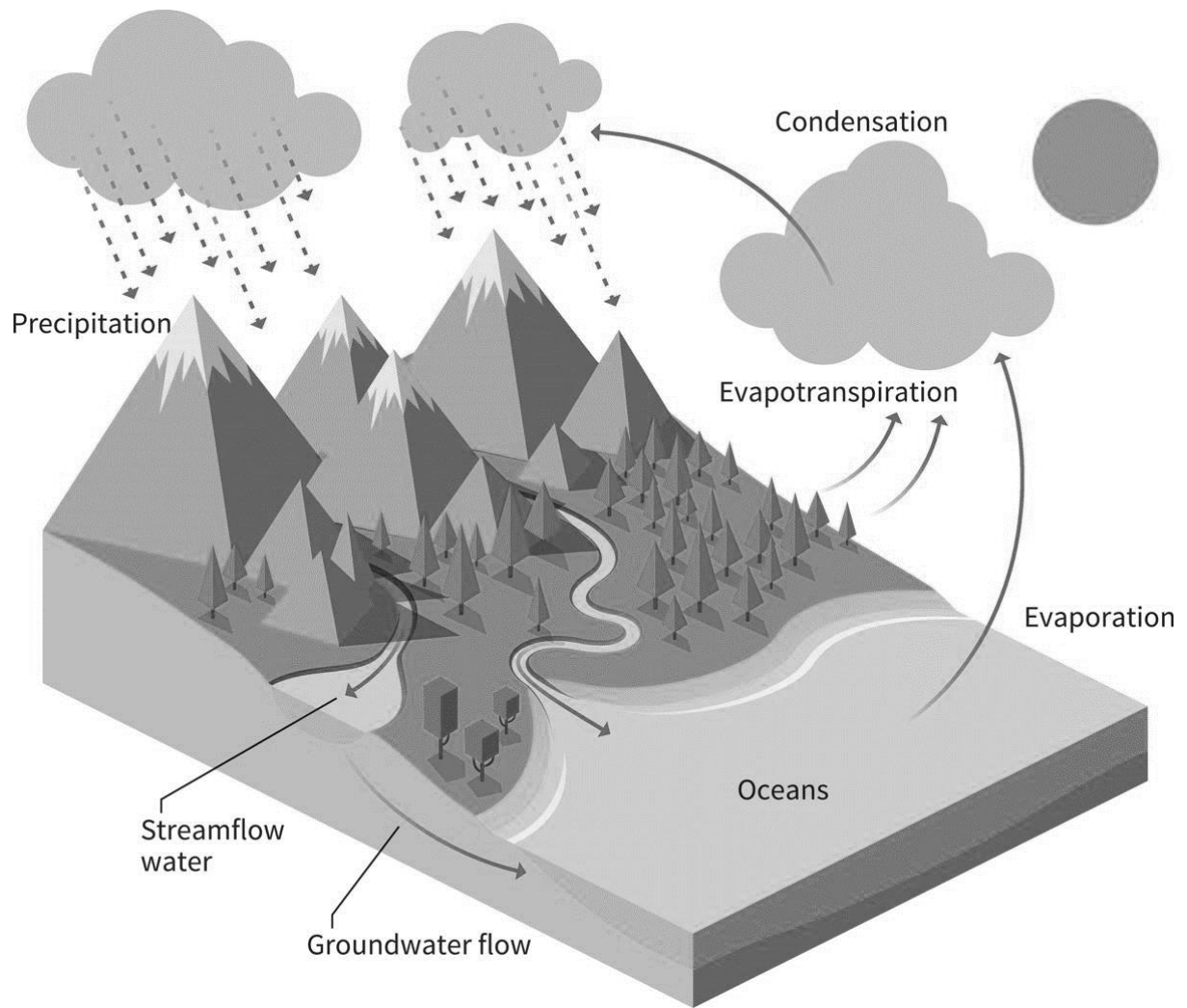


Figure 2 – A map of Nine Elms, Battersea, indicating the sites where students collected traffic data during some recent urban fieldwork.



Figure 3 – A scatter graph with a line of best fit showing the number of vehicles counted in a 3 minute period at each site.

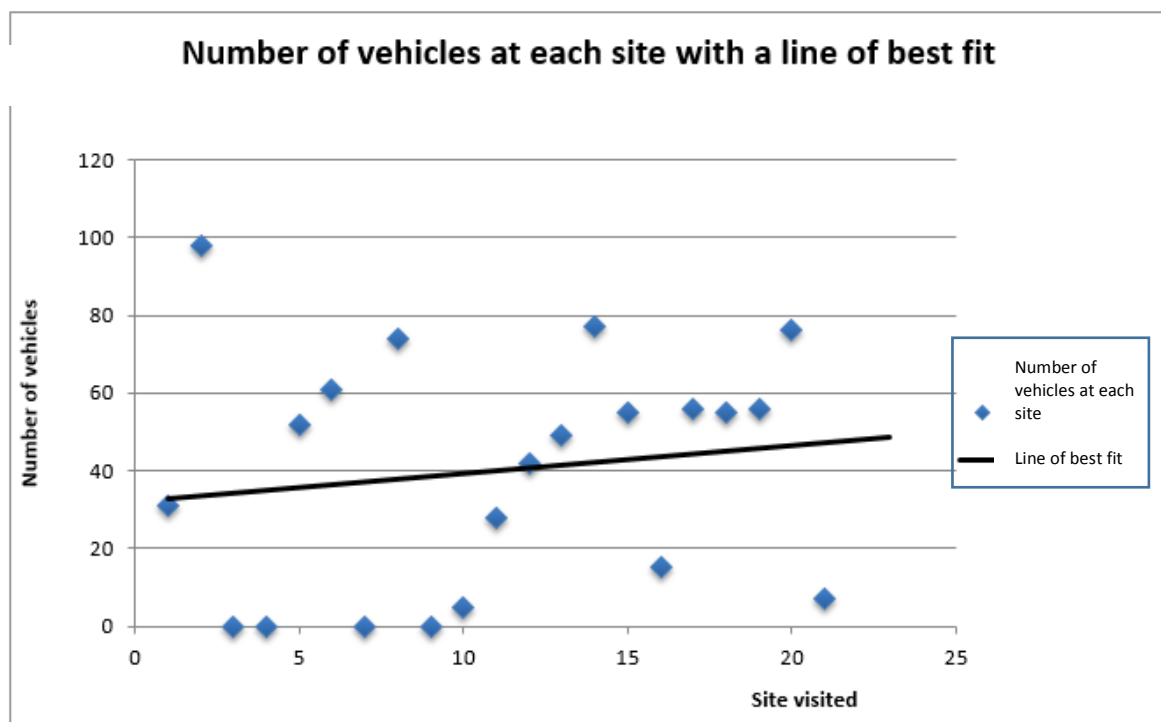
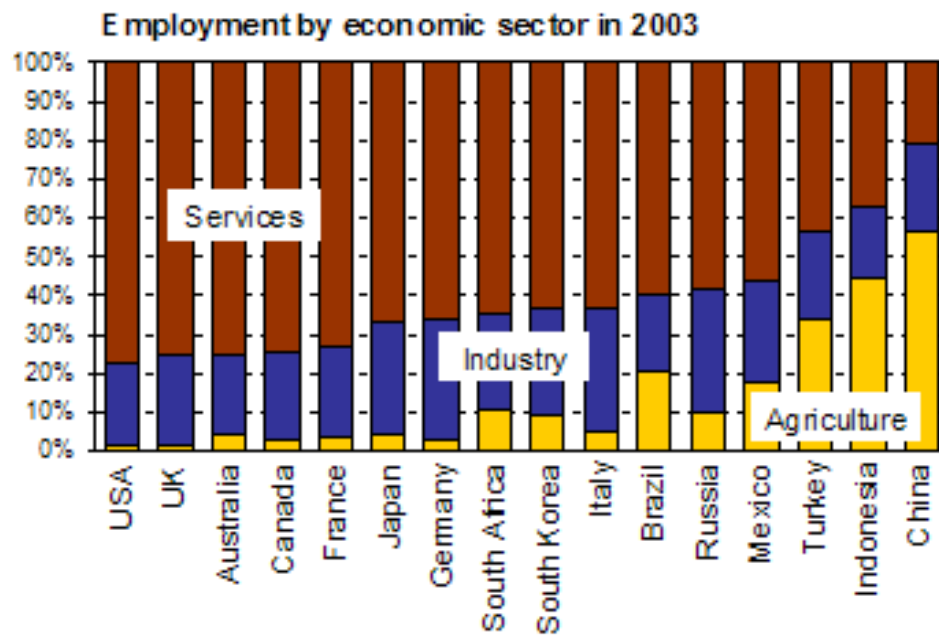


Figure 4 – International comparisons of percentage employment by sector.



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