



Oxford Cambridge and RSA

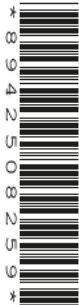
**Friday 27 May 2022 – Morning**

**AS Level Geography**

**H081/02** Geographical debates

Resource Booklet

**Time allowed: 1 hour 30 minutes**



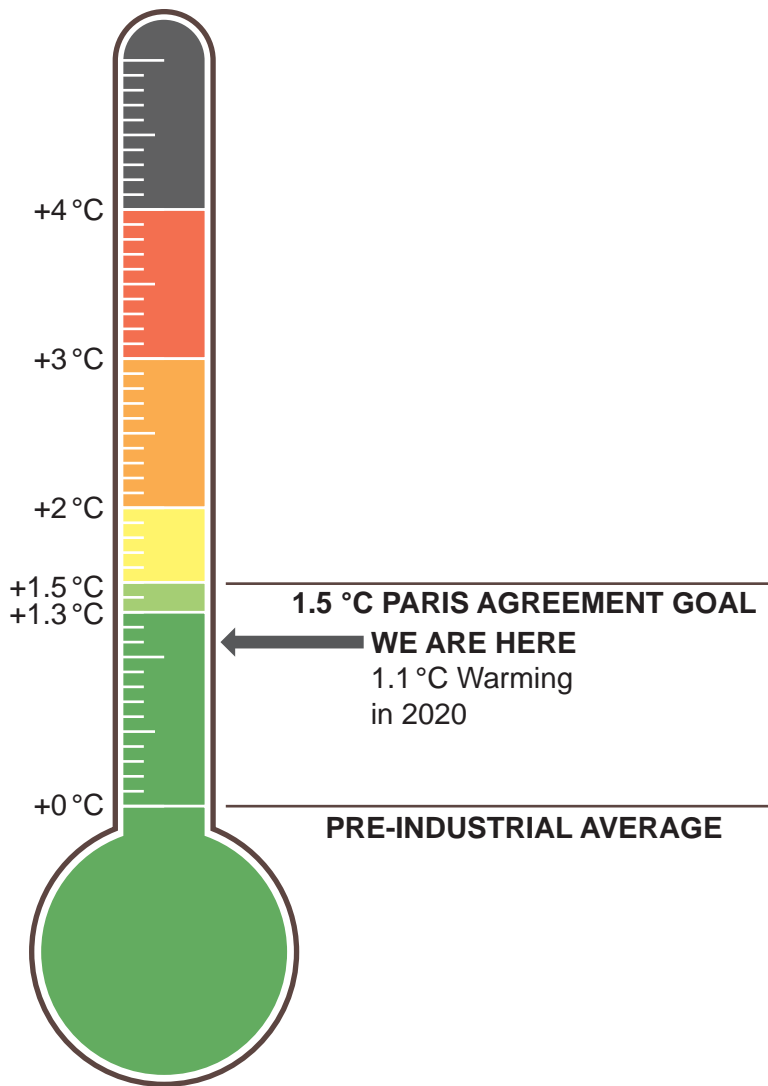
**INSTRUCTIONS**

- Do **not** send this Resource Booklet for marking. Keep it in the centre or recycle it.

**INFORMATION**

- This document has **12** pages.

**Fig. 1 – \*Projected global temperature increase by 2100**



| Range of projected temperature increases | Pledges & Targets | Current Policies | Optimistic Targets |
|------------------------------------------|-------------------|------------------|--------------------|
| Maximum                                  | +3.3°C            | +3.9°C           | +2.7°C             |
| <b>Median</b>                            | <b>+2.6°C</b>     | <b>+2.9°C</b>    | <b>+2.1°C</b>      |
| Minimum                                  | +2.1°C            | +2.1°C           | +1.7°C             |

\*Projected temperatures are maximum, median and minimum outcomes of climate modelling carried out by the Intergovernmental Panel on Climate Change.

Figures accurate as of December 2020.

**Fig. 2 – Estimated prevalence of malaria infection during pregnancy in sub-Saharan Africa, 2018**

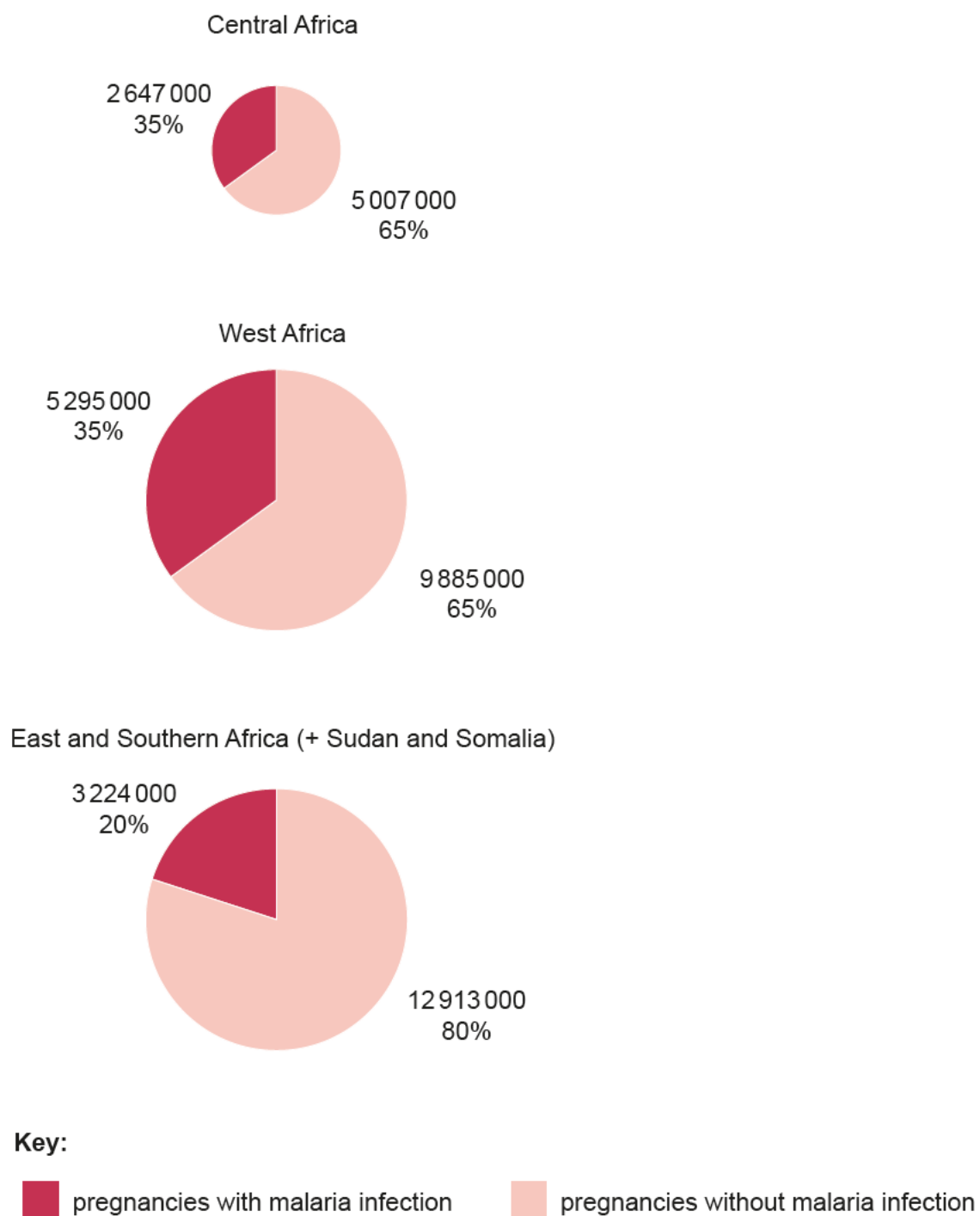




Fig. 3 – Extent of Arctic sea ice in 1980 and 2019



**Key:**

Extent of Arctic Sea Ice (September minimum):

1980   
2019 

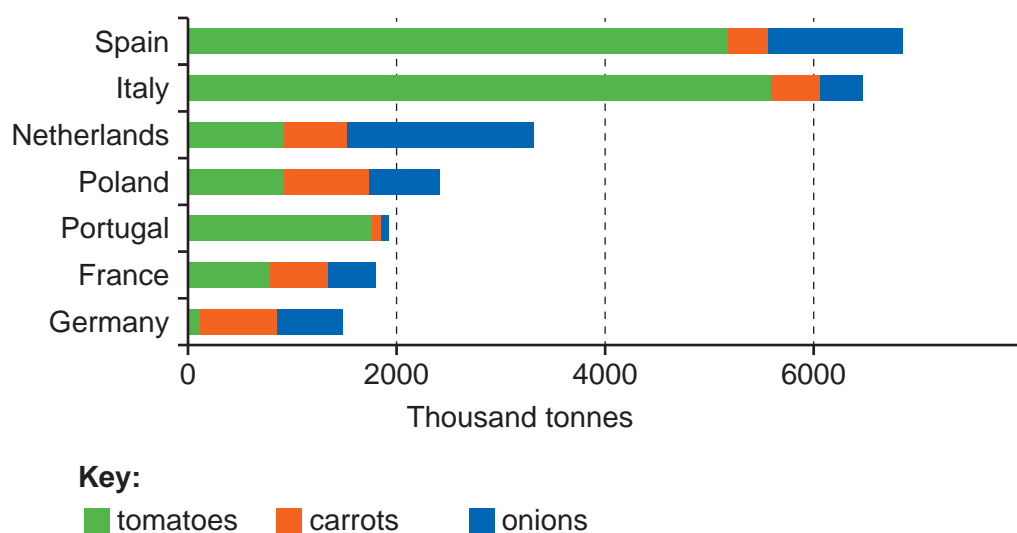
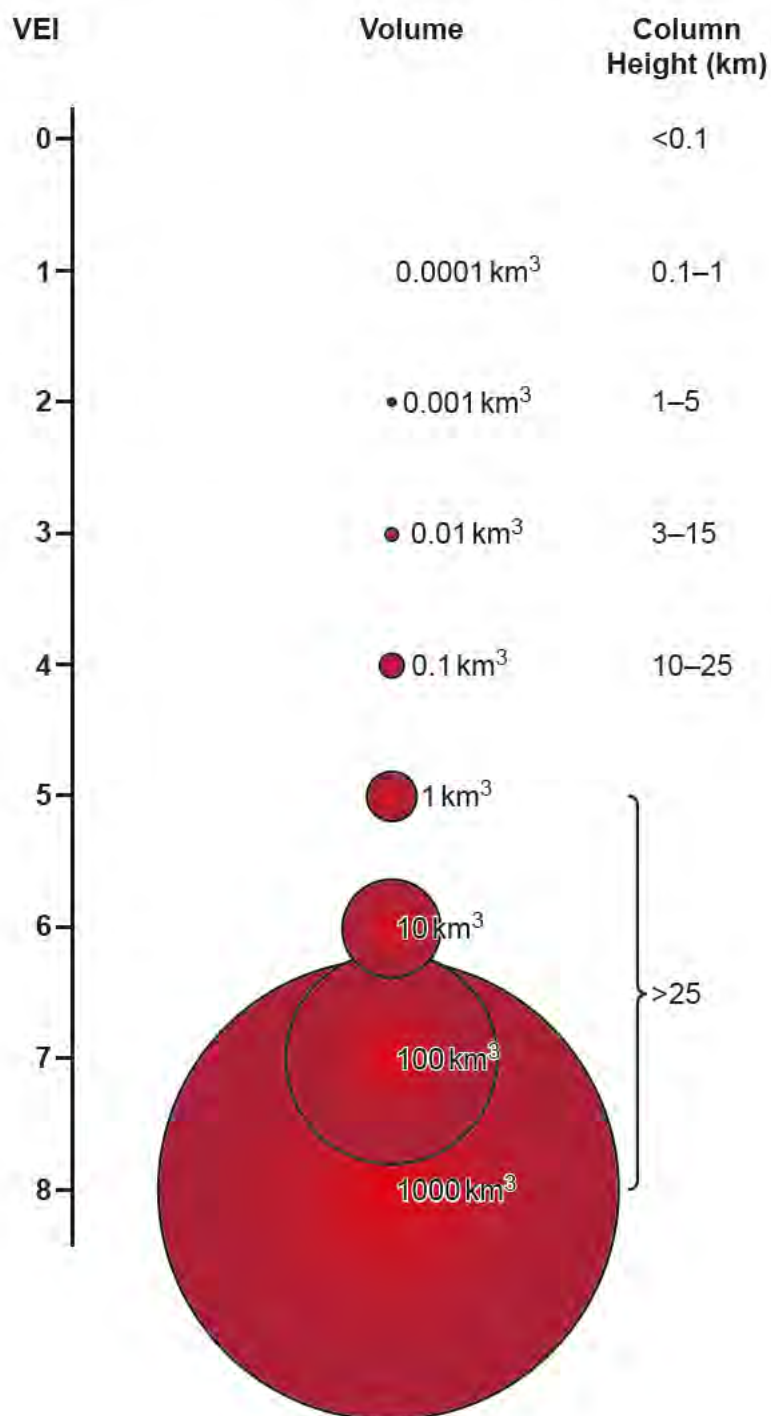
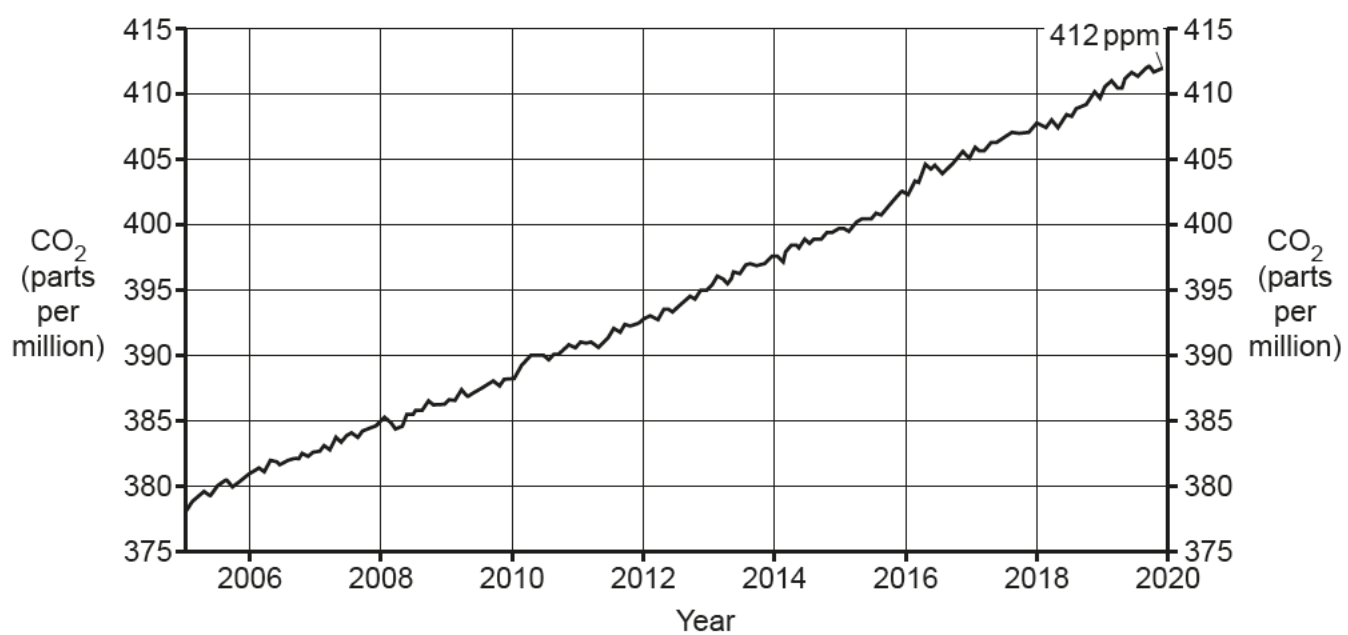
**Fig. 4 – Production of three types of vegetable in selected European countries, 2017**

Fig. 5 – The Volcanic Explosive Index (VEI)



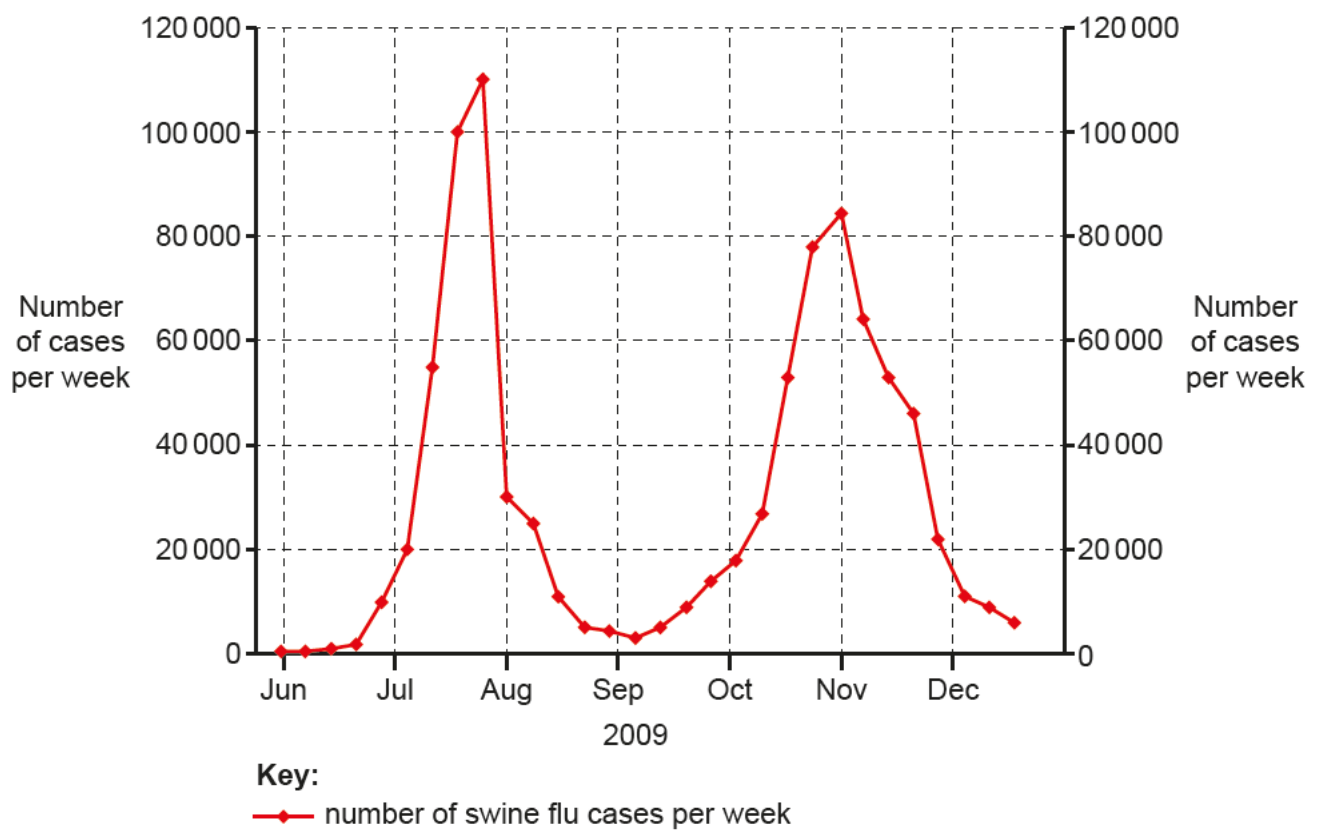
**Volcanic Explosive Index:** The Volcanic Explosive Index (VEI) is a relative measure of the explosiveness of volcanic eruptions. Volume refers to the amount of tephra.

**Fig. 6 – Atmospheric carbon dioxide concentrations, January 2005 to November 2019**



Direct monthly measurements of carbon dioxide by the NOAA from January 2005 to November 2019. The average seasonal cycle has been removed.

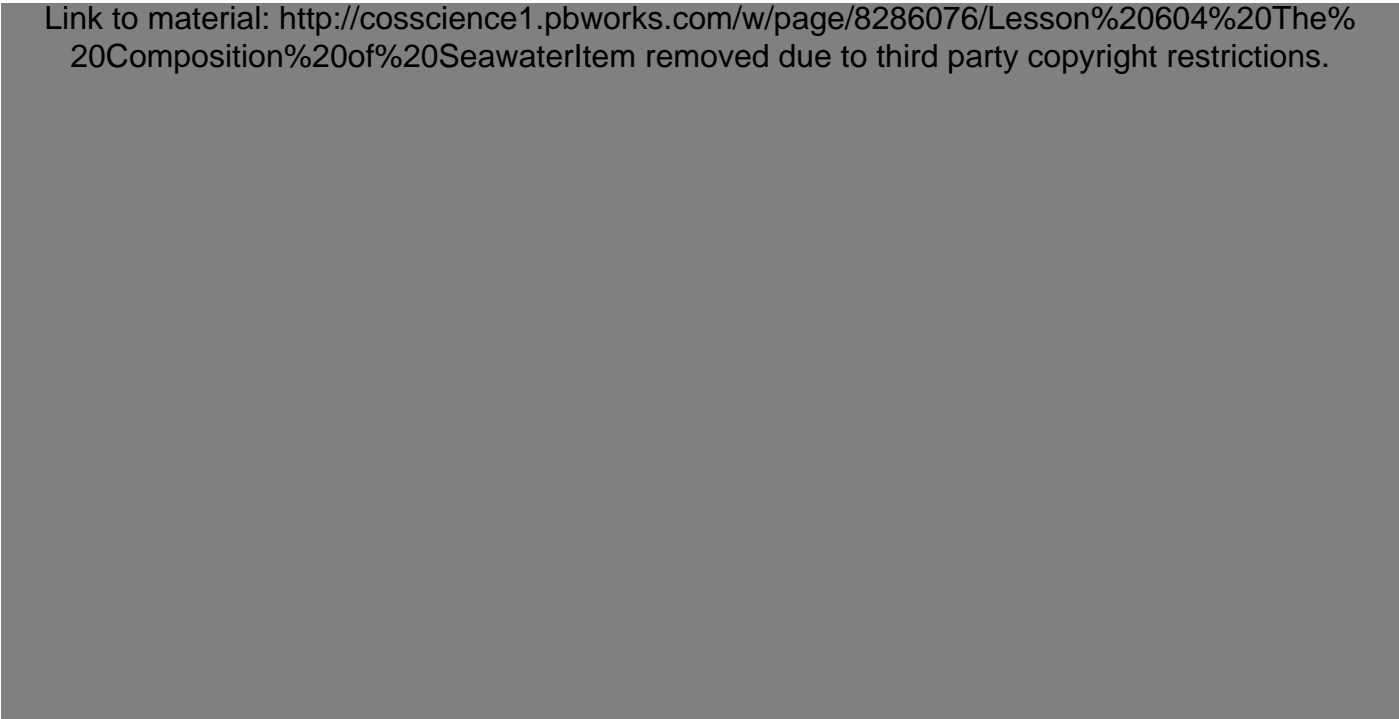
Fig. 7 – Number of swine flu cases per week in the UK epidemic, June to December 2009

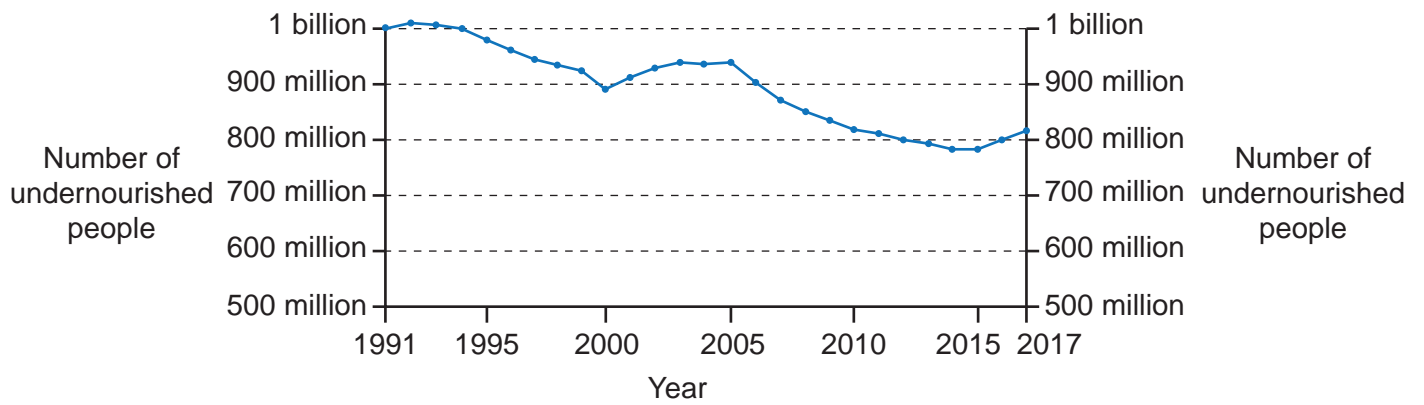


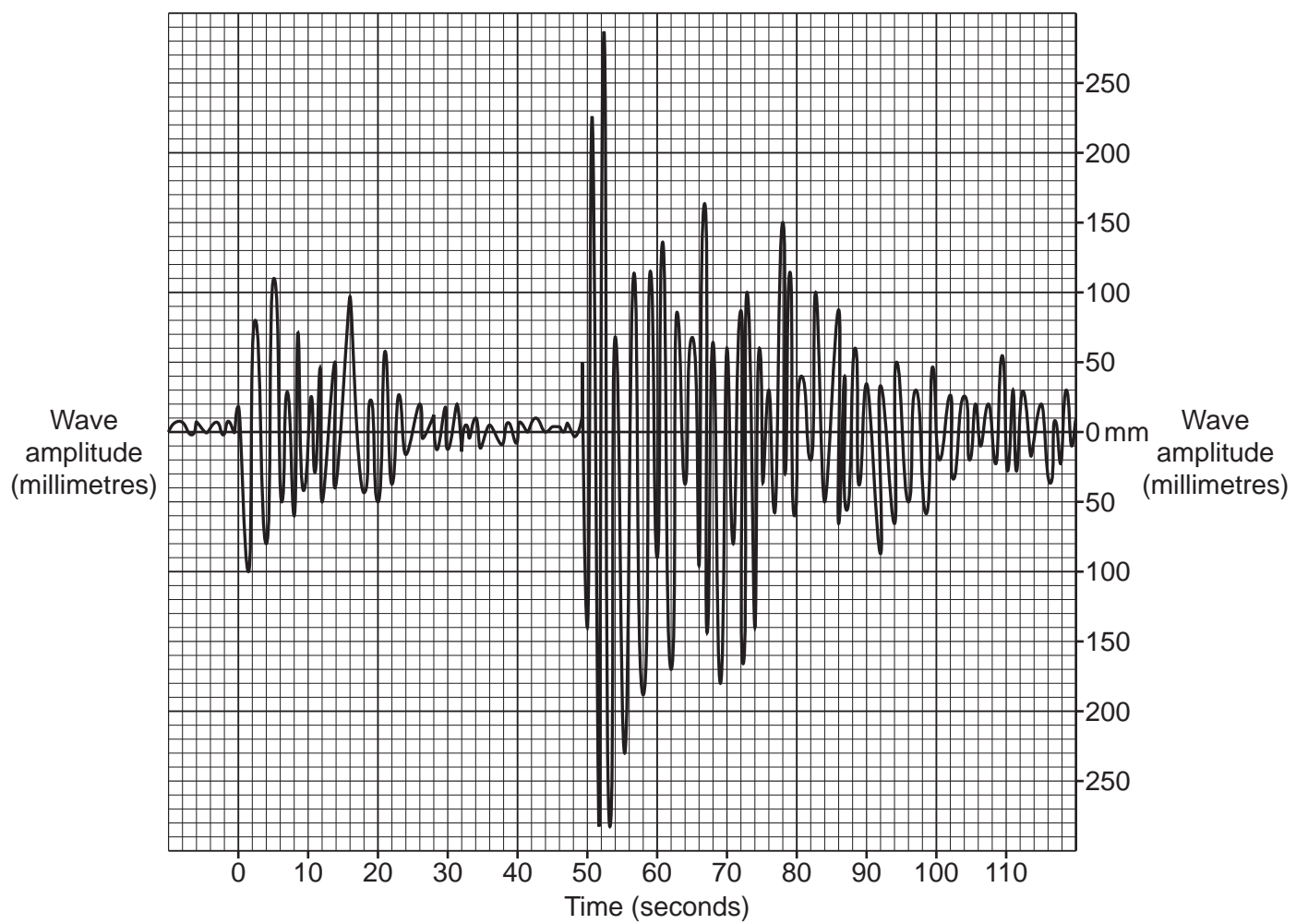


**Fig. 8 – Latitudinal variation in average surface temperatures of the world's oceans**

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**Fig. 9 – Global number of undernourished people, 1991–2017**

**Fig. 10 – Seismograph from an earthquake event**

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