



GCSE

GEOGRAPHY

**Paper 1 Living with the
Physical Environment**

8035/1

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FIGURE 1 – For use with Question 1

**Arctic sea
ice extent
(million km²)**

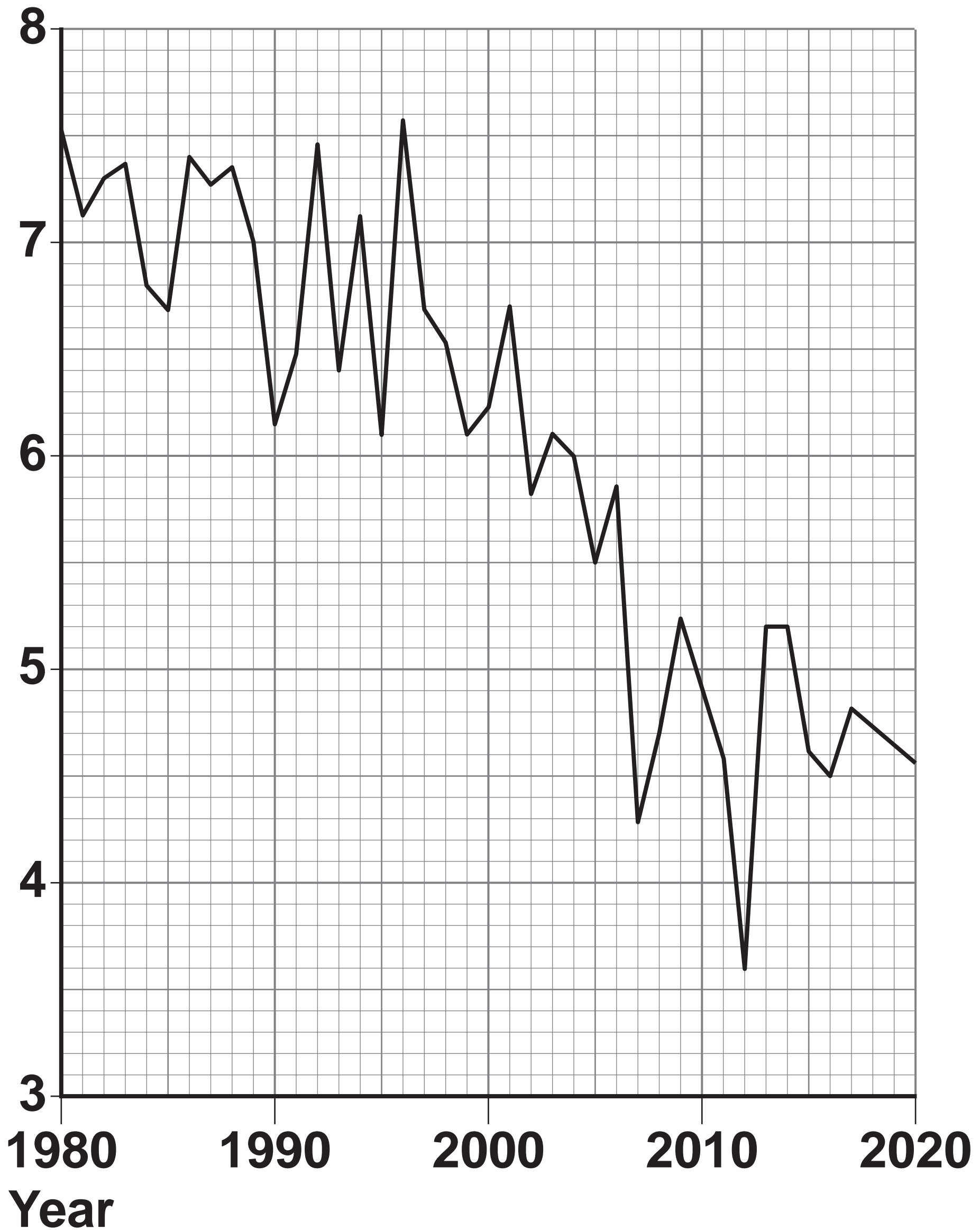
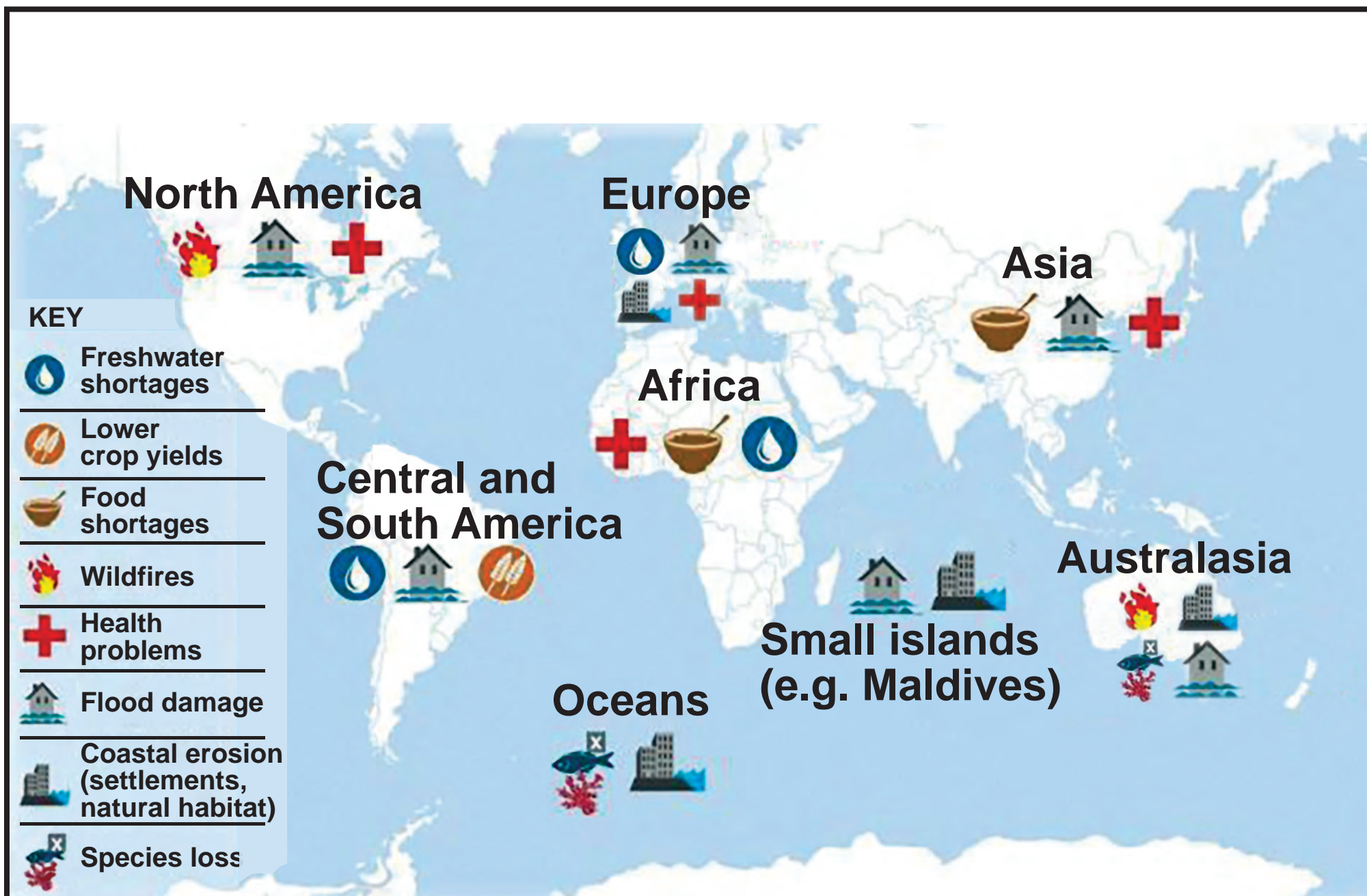


FIGURE 2 – For use with Question 1

Effects of climate change

UN climate scientists warn of specific risks this century

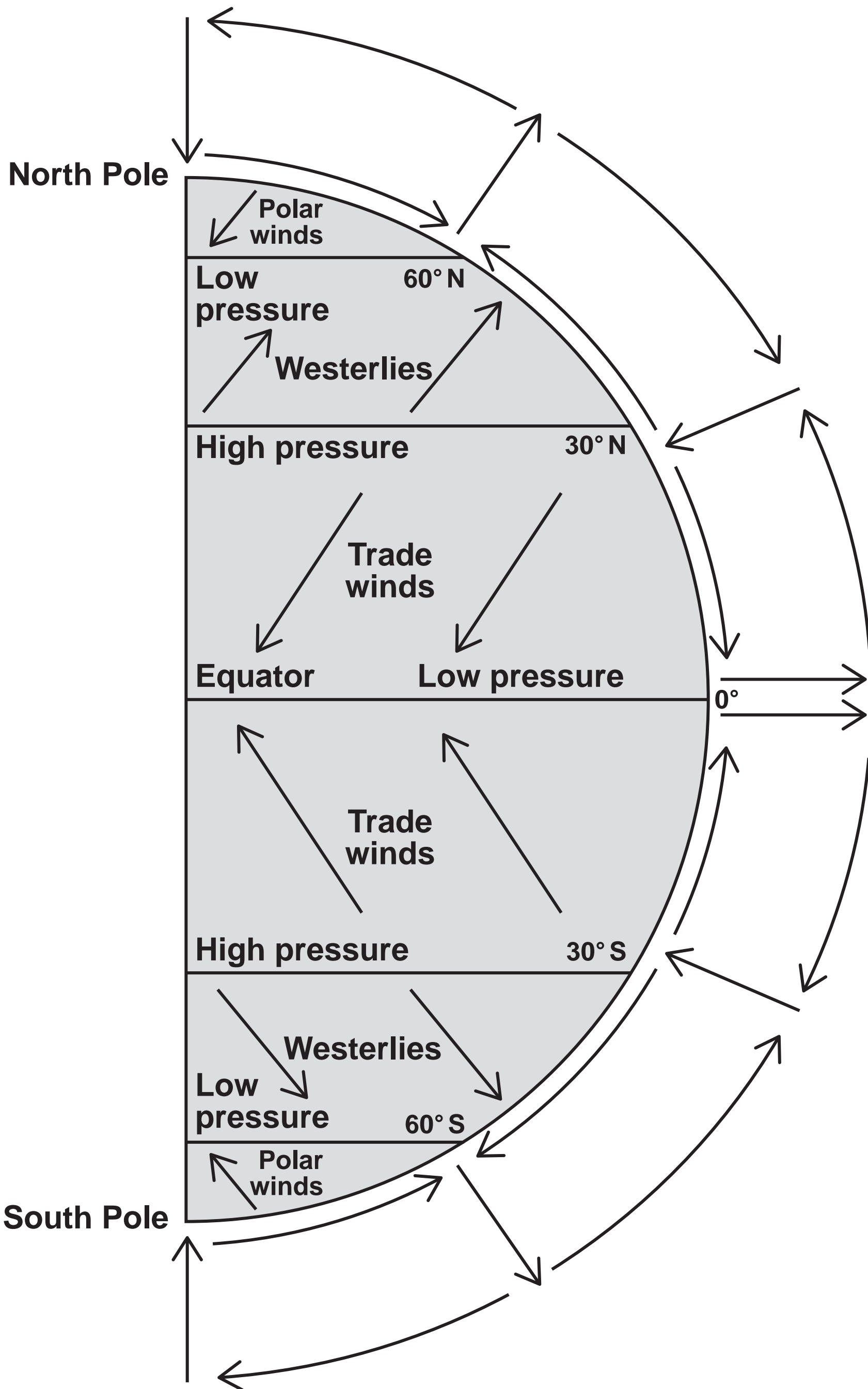


GNI = Gross National Income

 A temperature rise of 2.5 °C could cut global GNI by up to 2% every year

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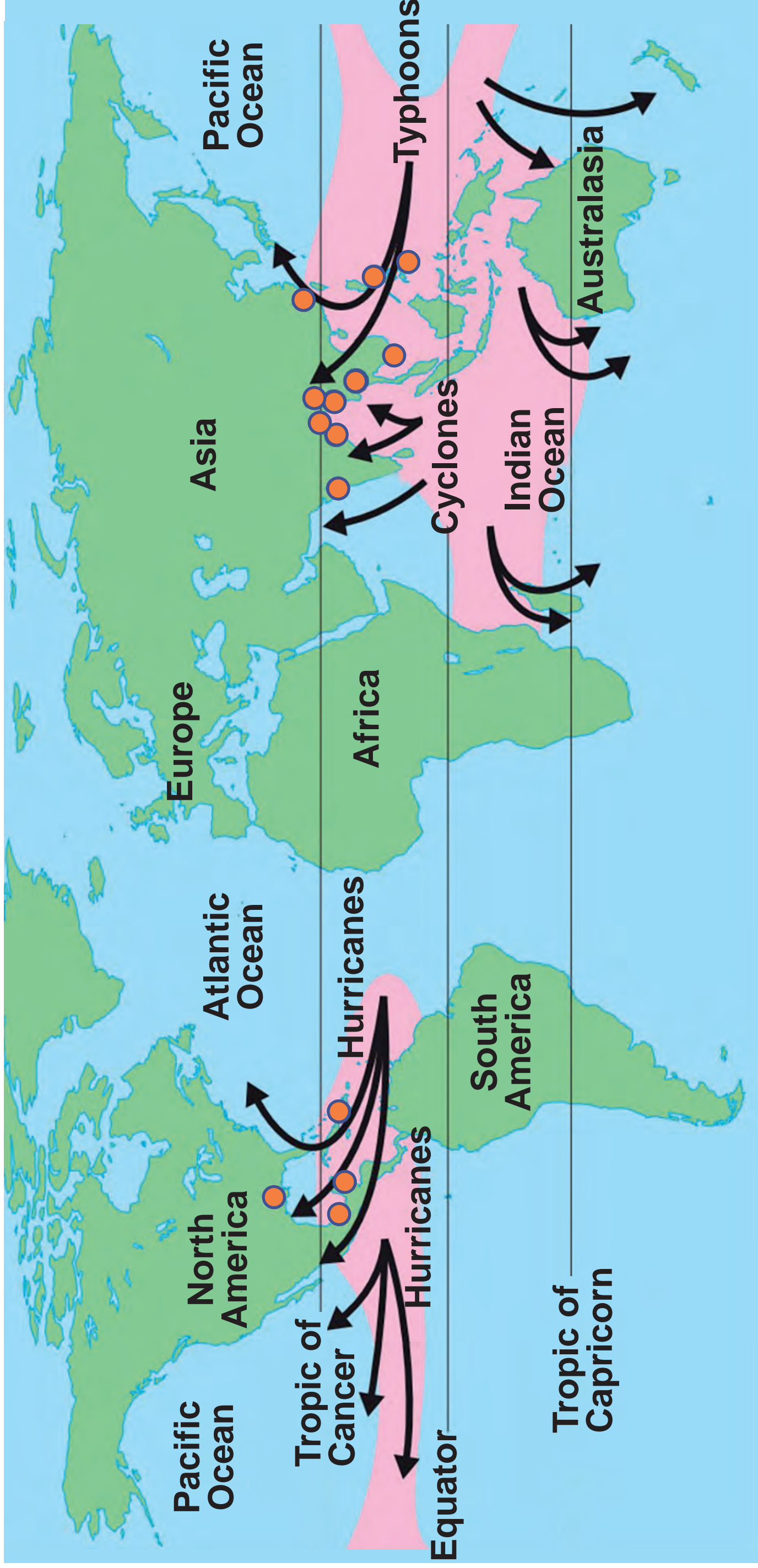
FIGURE 3 – For use with Question 1



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FIGURE 4 – For use with Question 1



KEY
 → Tropical storm tracks
 ■ Areas where tropical storms form
 ● Locations where major tropical storms form

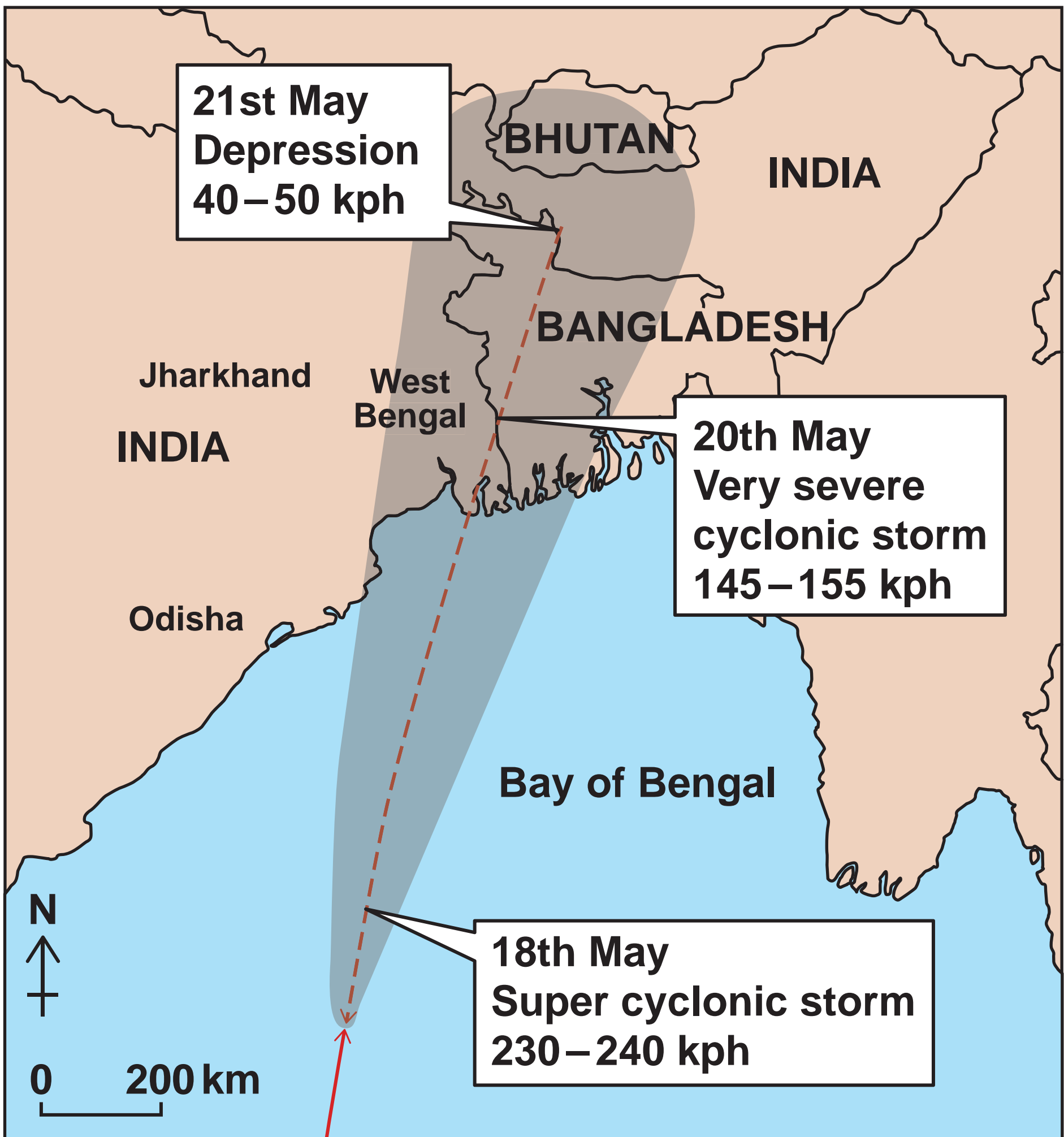
Year	Areas affected	Name of storm	Number of deaths
1970	Bangladesh	Great Bola	300 000
1975	China	Nina	171 000
1991	Bangladesh	Gorky	138 866
2008	Myanmar	Nargis	138 366
1985	Bangladesh	Urir	15 000
1977	India	Devi Taluk	14 200
1998	Central America	Mitch	11 400
2013	Philippines	Haiyan	6 200
1991	Philippines	Uring	5 960
2007	Bangladesh	Sidr	4 234
1997	Vietnam	Linda	3 859
2004	USA, Caribbean	Jeanne	2 782
2005	USA	Katrina	1 833
2005	Central America	Stan	1 629

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FIGURE 5 – For use with Question 1



FIGURE 5 continued

**KEY**

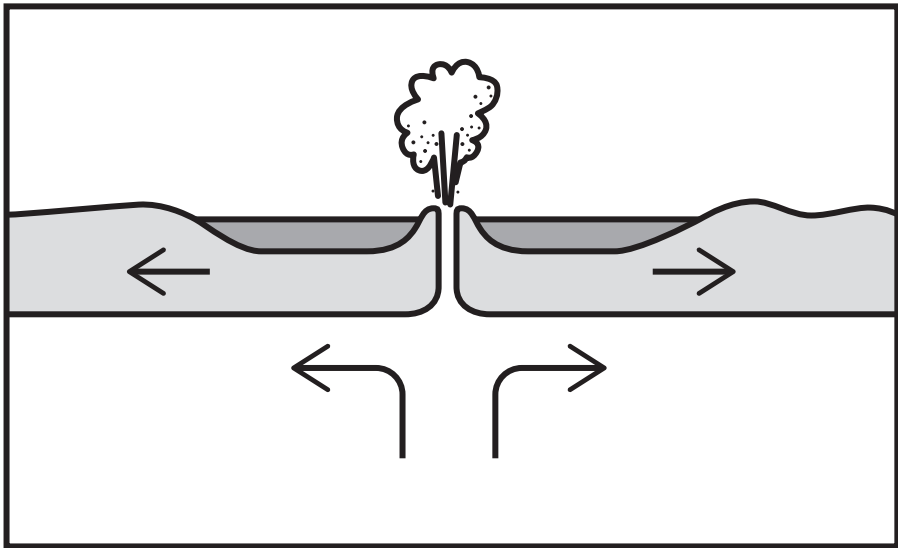
—→ Observed track - - - → Forecast track

■ Area most likely to be affected by the cyclone

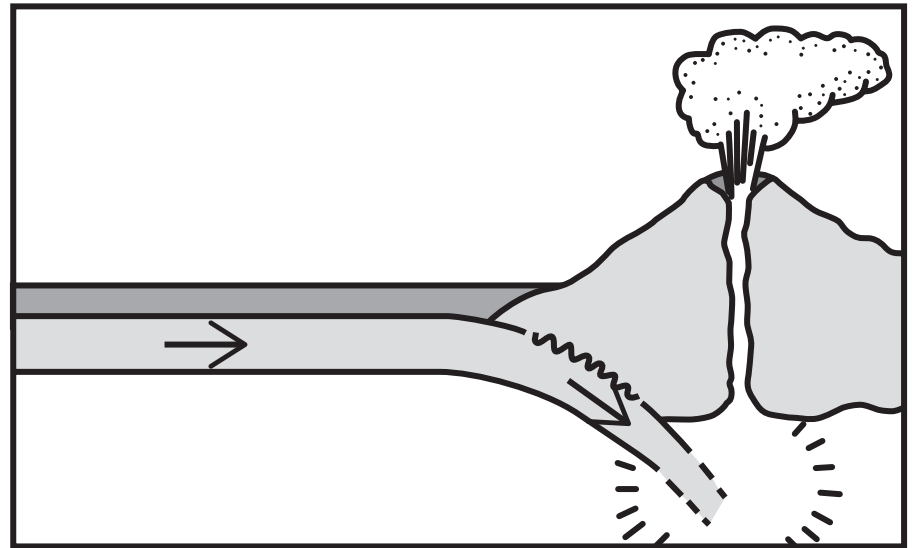
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FIGURE 6 – For use with Question 1

Constructive margin



Destructive margin



Conservative margin

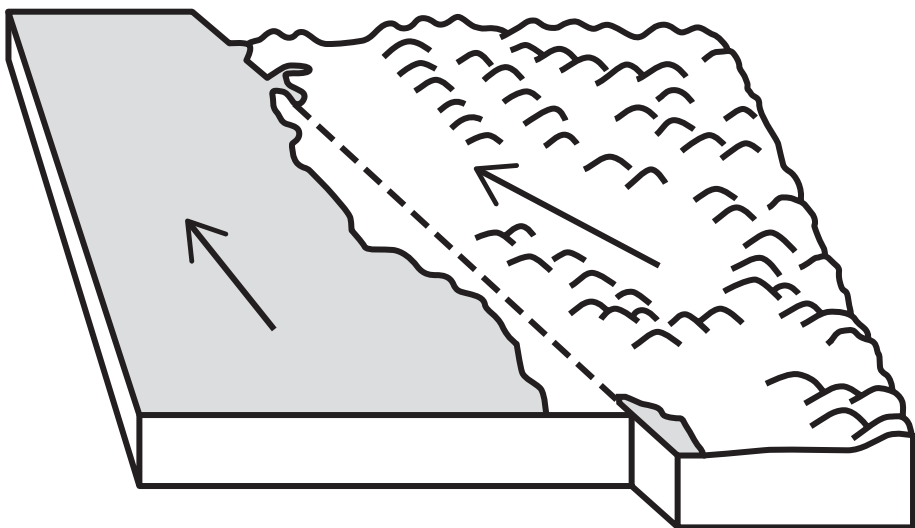


FIGURE 7 – For use with Question 2

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FIGURE 8 – For use with Question 2

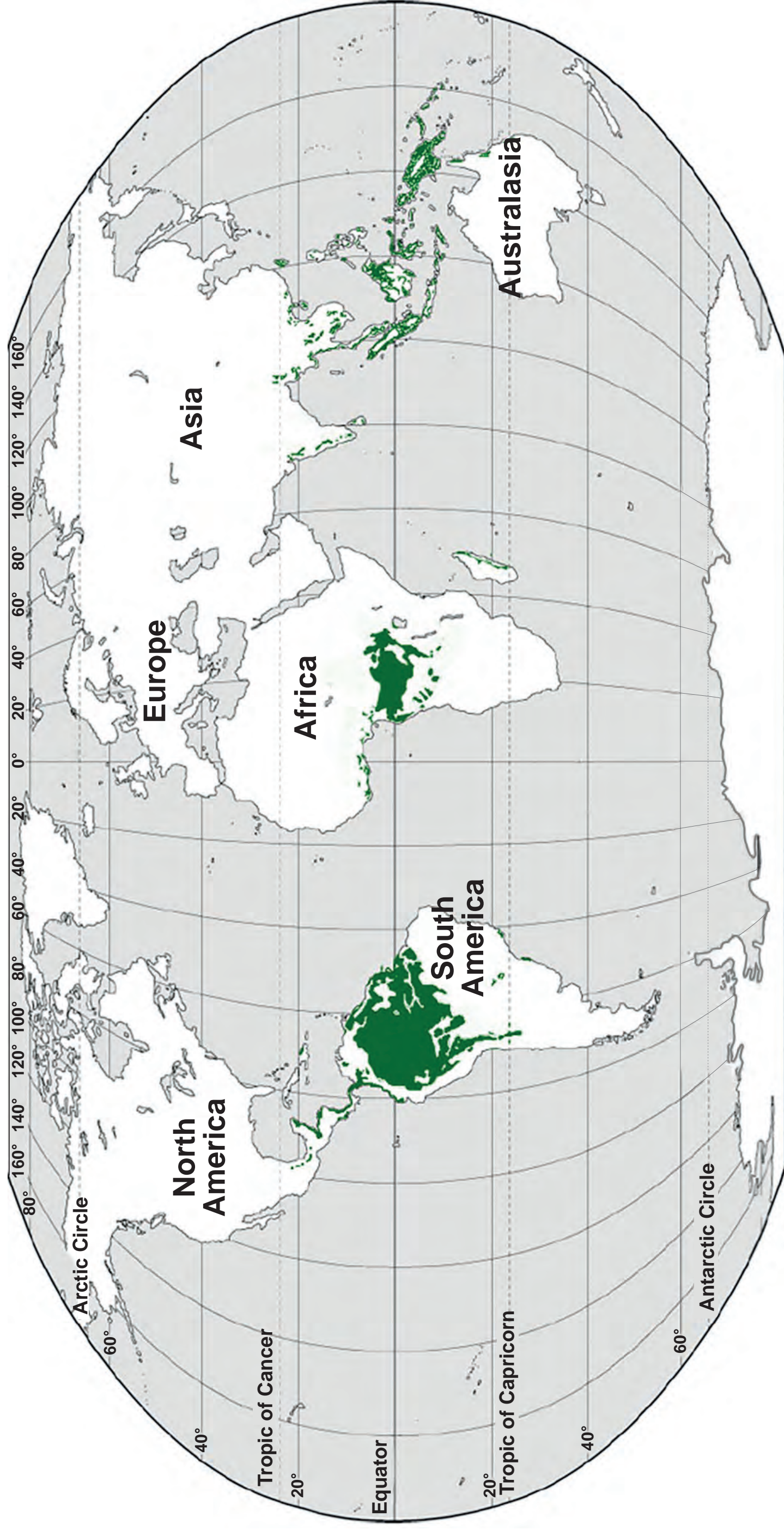
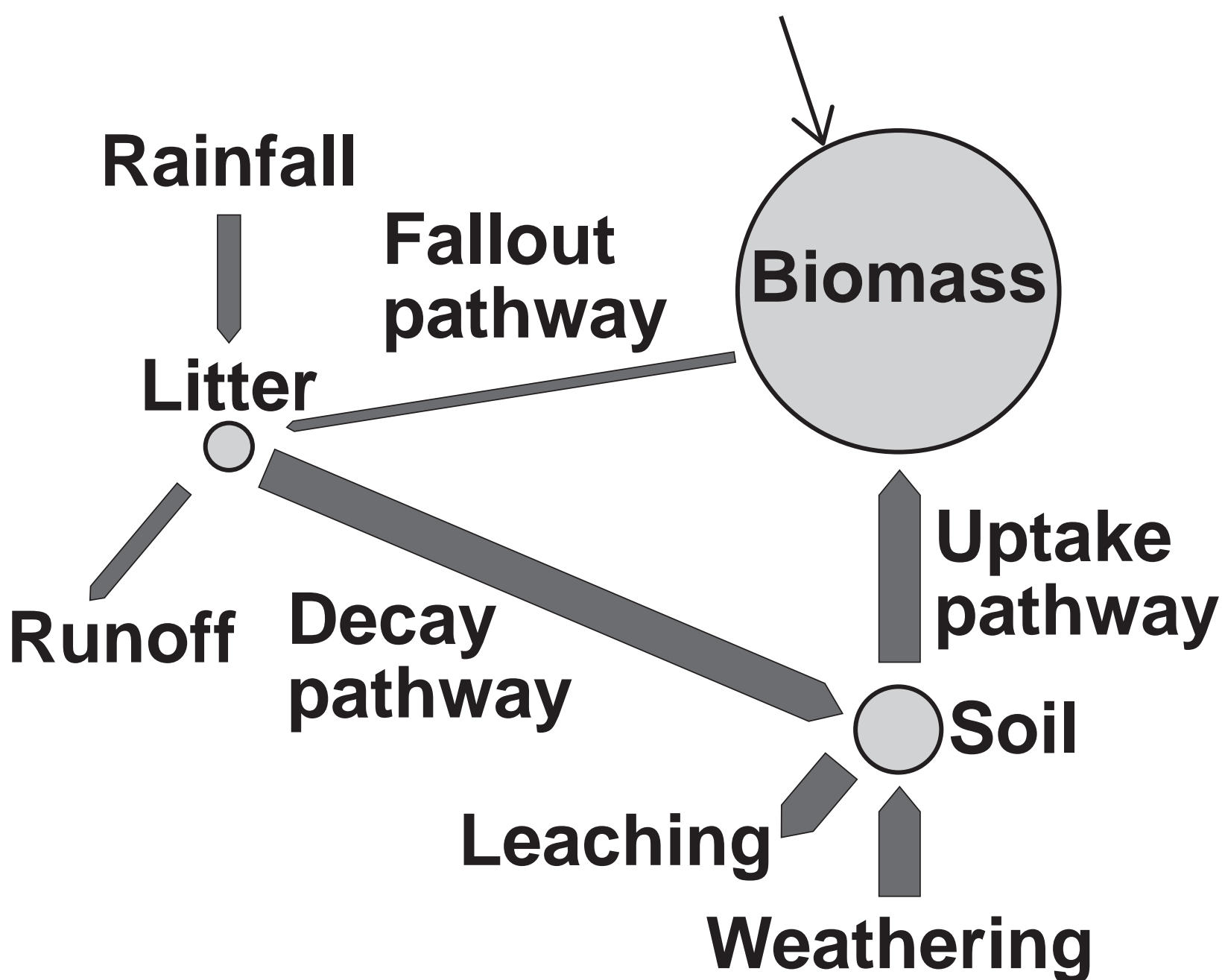


FIGURE 9 – For use with Question 2

**Biomass store
(tonnes carbon/hectare)**

Trunk	120
Branches	80
Leaves	10
Roots	30



KEY

● **Nutrient store
(size of circle
proportional to
amount stored)**

➔ **Nutrient flow
(width proportional
to amount of
nutrient flow)**

[Turn over]

FIGURE 11 – For use with Question 3

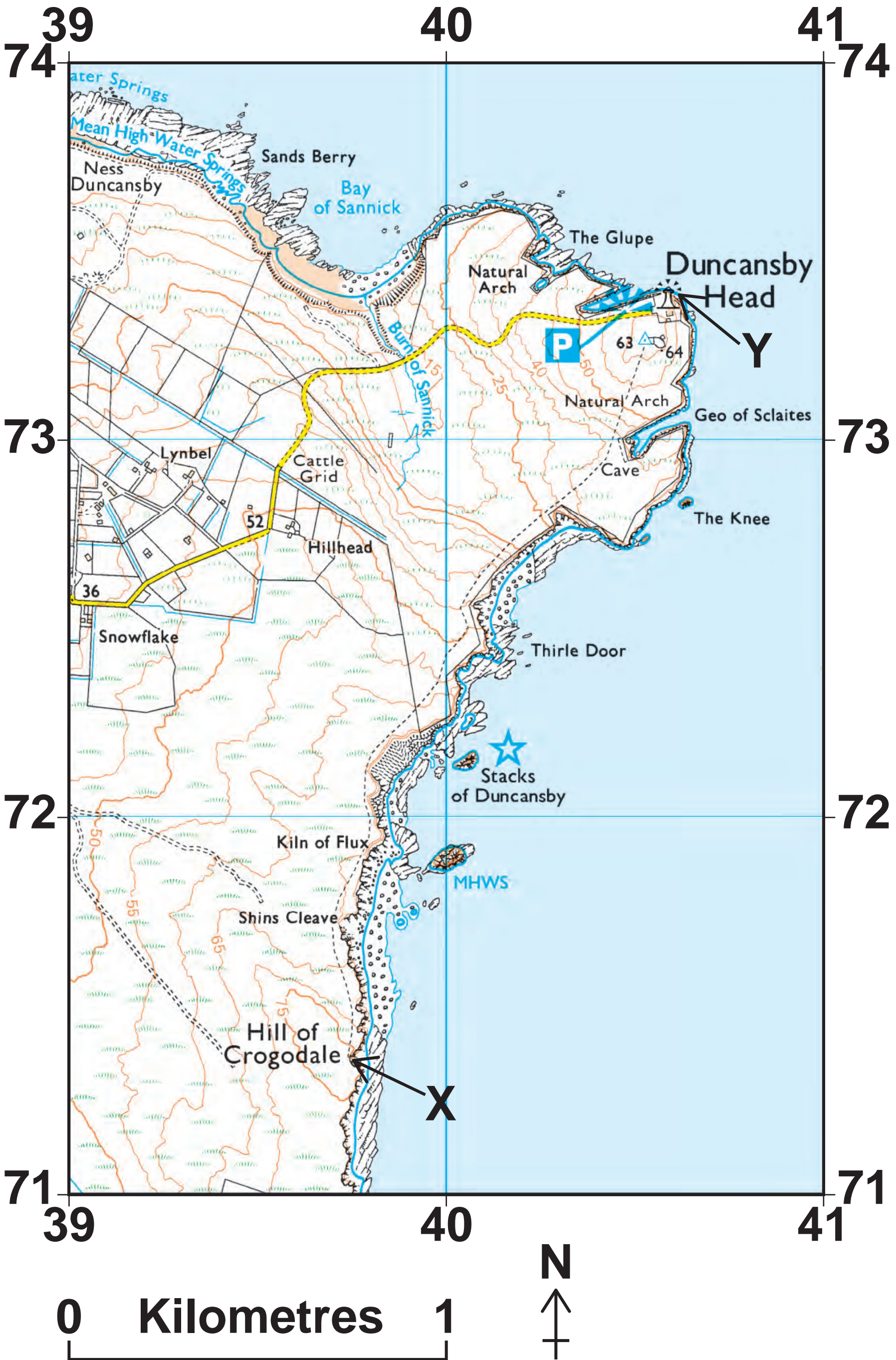


FIGURE 12 – For use with Question 3



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FIGURE 13 – For use with Question 3



FIGURE 14 – For use with Question 4

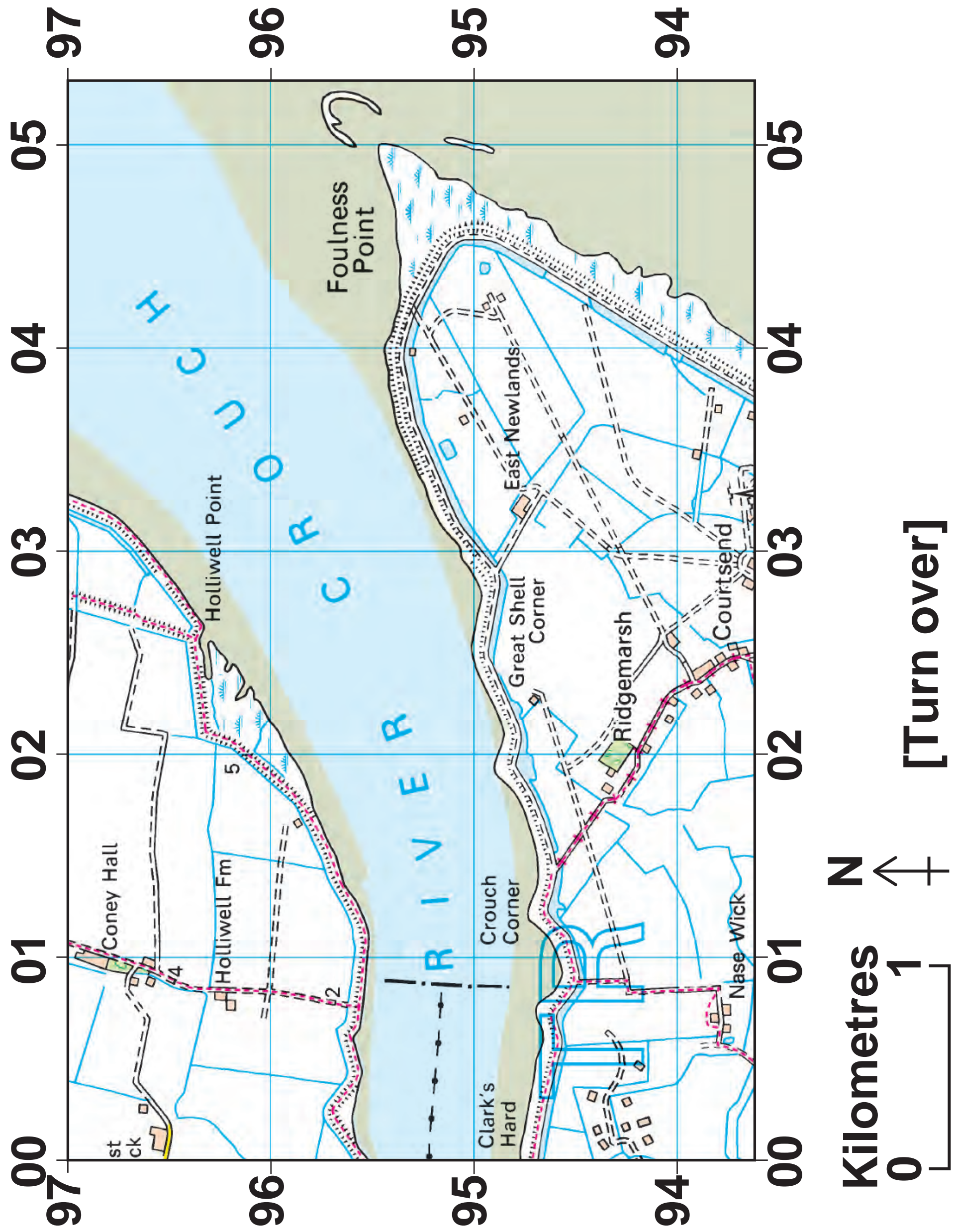
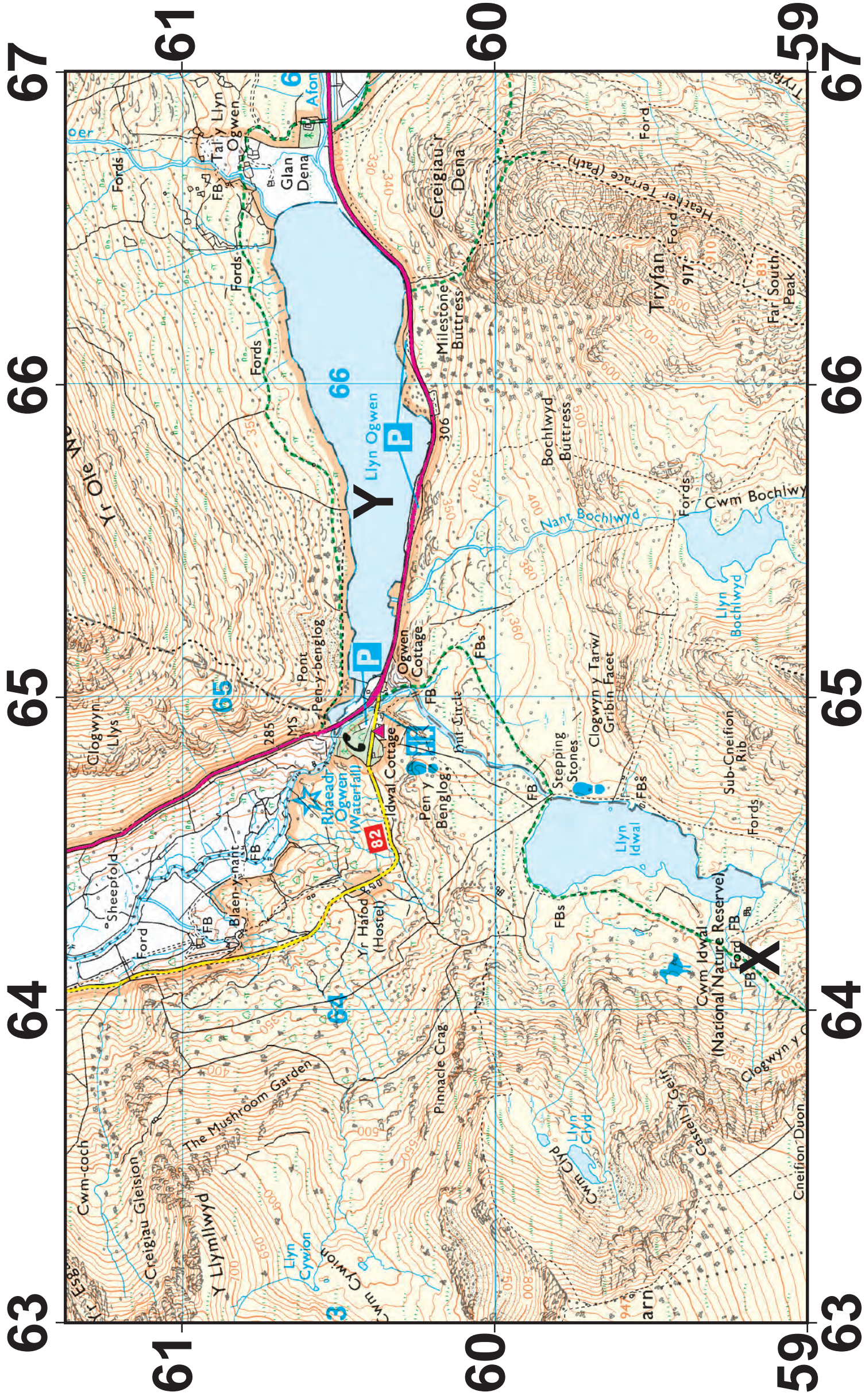


FIGURE 15 – For use with Question 4



FIGURE 17 – For use with Question 5



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FIGURE 18 – For use with Question 5



FIGURE 19 – For use with Question 5

There are concerns about plans to build a zip wire across the Thirlmere Valley in the Lake District. Some people think it will spoil the view. Others are concerned about the extra traffic it will bring to the narrow roads.



Participants at a zip wire attraction in North Wales

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