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*7266609231*

**GEOGRAPHY** **0460/22**

Paper 2 Geographical Skills **February/March 2024**

**1 hour 30 minutes**

You must answer on the question paper.

You will need: Insert (enclosed)
1:25 000 survey map (enclosed)
Calculator
Plain paper
Protractor
Ruler

**INSTRUCTIONS**

- Answer **all** questions.
- Use a black or dark blue pen. You may use an HB pencil for any diagrams or graphs.
- Write your name, centre number and candidate number in the boxes at the top of the page.
- Write your answer to each question in the space provided.
- Do **not** use an erasable pen or correction fluid.
- Do **not** write on any bar codes.
- If additional space is needed, you should use the lined pages at the end of this booklet; the question number or numbers must be clearly shown.

**INFORMATION**

- The total mark for this paper is 60.
- The number of marks for each question or part question is shown in brackets [ ].
- The insert contains additional resources referred to in the questions.

Definitions
LEDC – Less Economically Developed Country
MEDC – More Economically Developed Country

This document has **16** pages.


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**1** Study the map extract for the Puy de Dôme, France. The scale is 1:25 000.

**(a)** Fig. 1.1 shows some of the features in the centre of the map extract. Study Fig. 1.1 and the map extract, and answer the questions below.

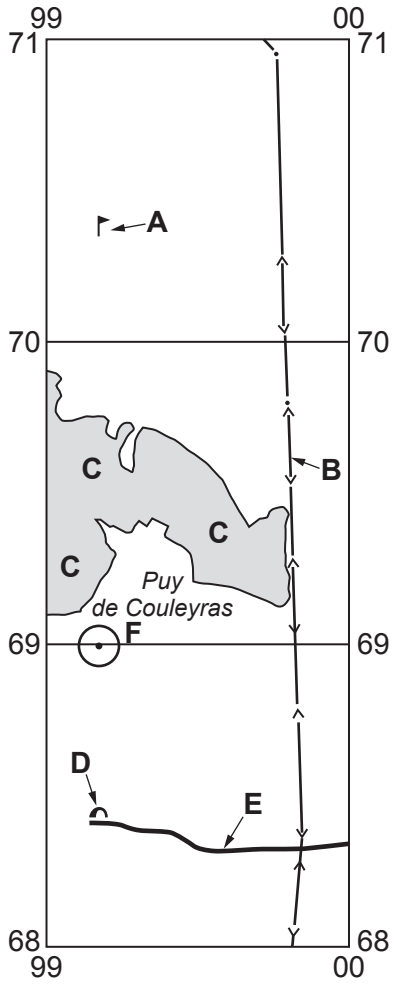



**Fig. 1.1**

Using the map extract, identify the following features shown on Fig. 1.1:

**(i)** feature **A**

..... [1]

**(ii)** feature **B**

..... [1]

**(iii)** the land use at **C**

..... [1]

**(iv)** feature **D**

..... [1]

**(v)** the type of road at **E**.

..... [1]

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**(b)** Give the six-figure grid reference of the peak of the Puy de Couleyras at **F**, shown on Fig. 1.1. Tick (✓) one box below.

| | Tick (✓) |
|---|---|
| 690991 | |
| 691990 | |
| 692990 | |
| 991690 | |
| 993690 | |

[1]

**(c)** Locate the Puy de Dôme (972687) in the south-west of the map.

Using evidence from the map, identify **two** ways that tourists could descend from its peak.

1 .....

2 .....

[2]

**(d)** There are two other peaks in the north-west of the map: le Cliersou (968712) and Puy Pariou (977714).

**(i)** What is the compass direction **from** the peak of the Puy de Dôme to the peak of le Cliersou?

..... [1]

**(ii)** What is the distance between the peaks of the Puy de Dôme and the Puy Pariou?

..... metres [1]

**(iii)** Measure the bearing from the peak of the Puy de Dôme to the peak of the Puy Pariou.

..... degrees [1]

**(e)** Describe the relief of the Puy de Dôme.

.....

.....

.....

.....

..... [2]

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**(f)** Fig. 1.2 shows an area in the north of the map.

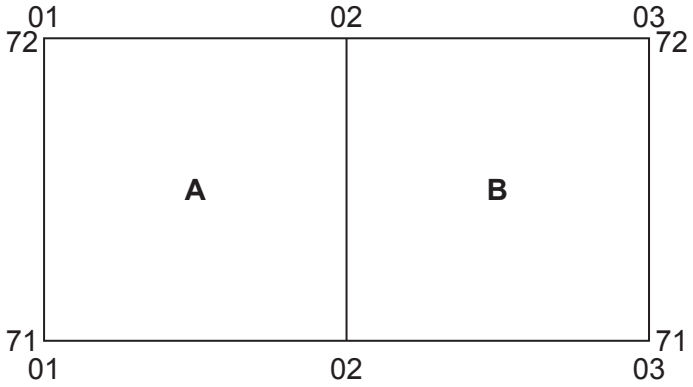



**Fig. 1.2**

The table lists some of the features of the two grid squares, A and B, in Fig. 1.2.
Complete the table by putting ticks (✓) in the correct **four** boxes. Use **one** tick only for each row.

| feature | grid square A | grid square B | both grid squares | neither grid square |
|---|---|---|---|---|
| a Christian religious building | | | | |
| land over 800 m above sea level | | | | |
| a fountain | | | | |
| a temporary water course | | | | |

[4]

**(g)** Describe the site of the settlement of Royat in the south-east of the map.

.....

.....

.....

.....

.....

.....

.....

..... [3]

[Total: 20]

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**2** **(a)** Study Fig. 2.1 which shows population pyramids for India in 1989 and 2019.

**Population pyramids for India in 1989 and 2019**

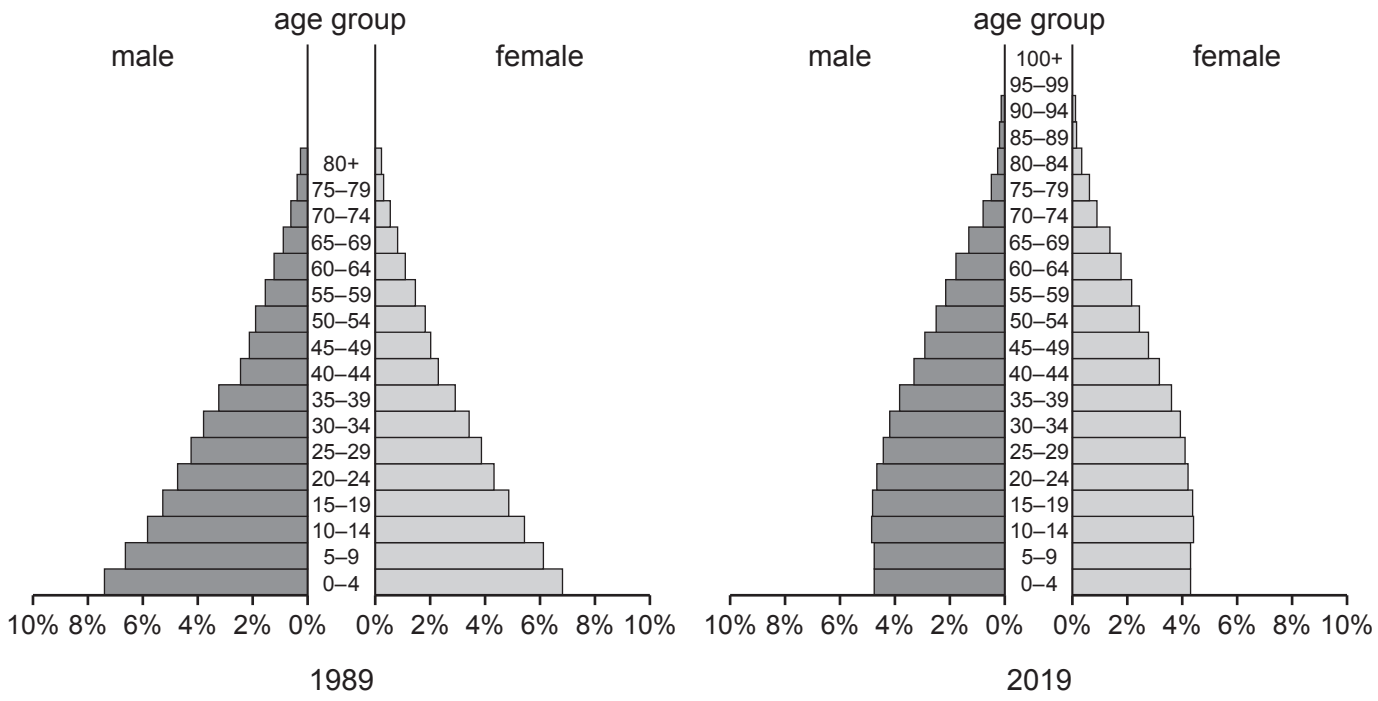



**Fig. 2.1**

**(i)** What was the percentage of the population aged 50–54 in 1989?

..... % [1]

**(ii)** Identify the age group with the biggest change in population percentage between 1989 and 2019.

..... [1]

**(iii)** Describe the change which took place between 1989 and 2019 for

males aged 15–64 .....

.....

people aged 65 and over. .....

.....
[2]

**(b)** Study Table 2.1 which has some population data for India in 2019.

**Table 2.1**

| | **% of total population** |
|---|---|
| population aged 0–14 (young dependents) | 26.1 |
| population aged 15–64 (working population) | 67.3 |
| population aged 65+ (old dependents) | 6.6 |

Using data from Table 2.1, calculate India's dependent population in 2019.

..... % [1]

**(c)** Fig. 2.2 is a population pyramid for a rural village in India.

**Population pyramid for a rural village in India**

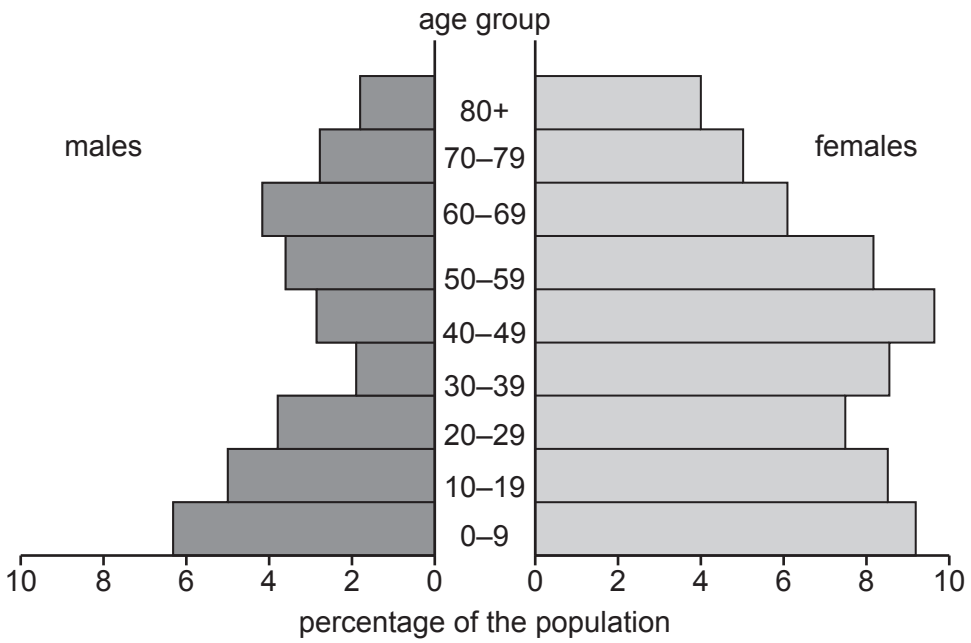



**Fig. 2.2**

Explain why the female population is larger than the male population between the ages of 20 and 59 years.

.....

.....

.....

.....

.....

.....

.....

..... [3]

[Total: 8]

**3** Fig. 3.1 (Insert) shows a section of coast.

**(a)** Using only Fig. 3.1, name and describe **three** landforms resulting from coastal erosion.

1 .....

.....

.....

.....

2 .....

.....

.....

.....

3 .....

.....

.....

.....

[6]

**(b)** Study the beach in Fig. 3.1. Describe **one** natural feature of the beach and suggest **one** reason for this feature.

feature .....

.....

reason .....

.....

.....

[2]

[Total: 8]

**4** **(a)** Fig. 4.1 shows the number of domestic and foreign tourist arrivals in Goa, India, from 2012 to 2019.

**Domestic and foreign tourist arrivals in Goa, India, from 2012 to 2019**

**Content removed due to copyright restrictions.**

**Fig. 4.1**

Describe the trends in both domestic and foreign tourist arrivals. Do **not** use statistics.

.....

.....

.....

.....[2]

**(b)** Table 4.1 shows tourist arrivals in Goa by cruise ship and by air from 2015 to 2019.

**Table 4.1**

| | **tourist arrivals by cruise ship (Oct–May)** | **tourist arrivals by air (Oct–May)** |
|---|---|---|
| 2015–2016 | 28 316 | 158 779 |
| 2016–2017 | 45 985 | 232 679 |
| 2017–2018 | 43 475 | 247 365 |
| 2018–2019 | 51 397 | 21 776 |

Explain how you would draw a bar chart to show the data in Table 4.1.

.....

.....

.....

..... [2]

**(c)** Suggest the economic benefits and problems resulting from the seasonal visit of large cruise ships to an area like Goa.

.....

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.....

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.....

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..... [4]

[Total: 8]

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**5** **(a)** Fig. 5.1 (Insert) shows a weather instrument.

**(i)** Name the instrument shown in Fig. 5.1.

..... [1]

**(ii)** Why is this a good place to site such an instrument?

.....

.....

.....

..... [2]

**(iii)** Fig. 5.2 (Insert) shows a measuring card from the instrument in Fig. 5.1.

What reading is shown by the card?

..... hours [1]

**(b)** Study Fig. 5.3, a graph showing the annual wind direction and wind speed for Hobart, Australia.

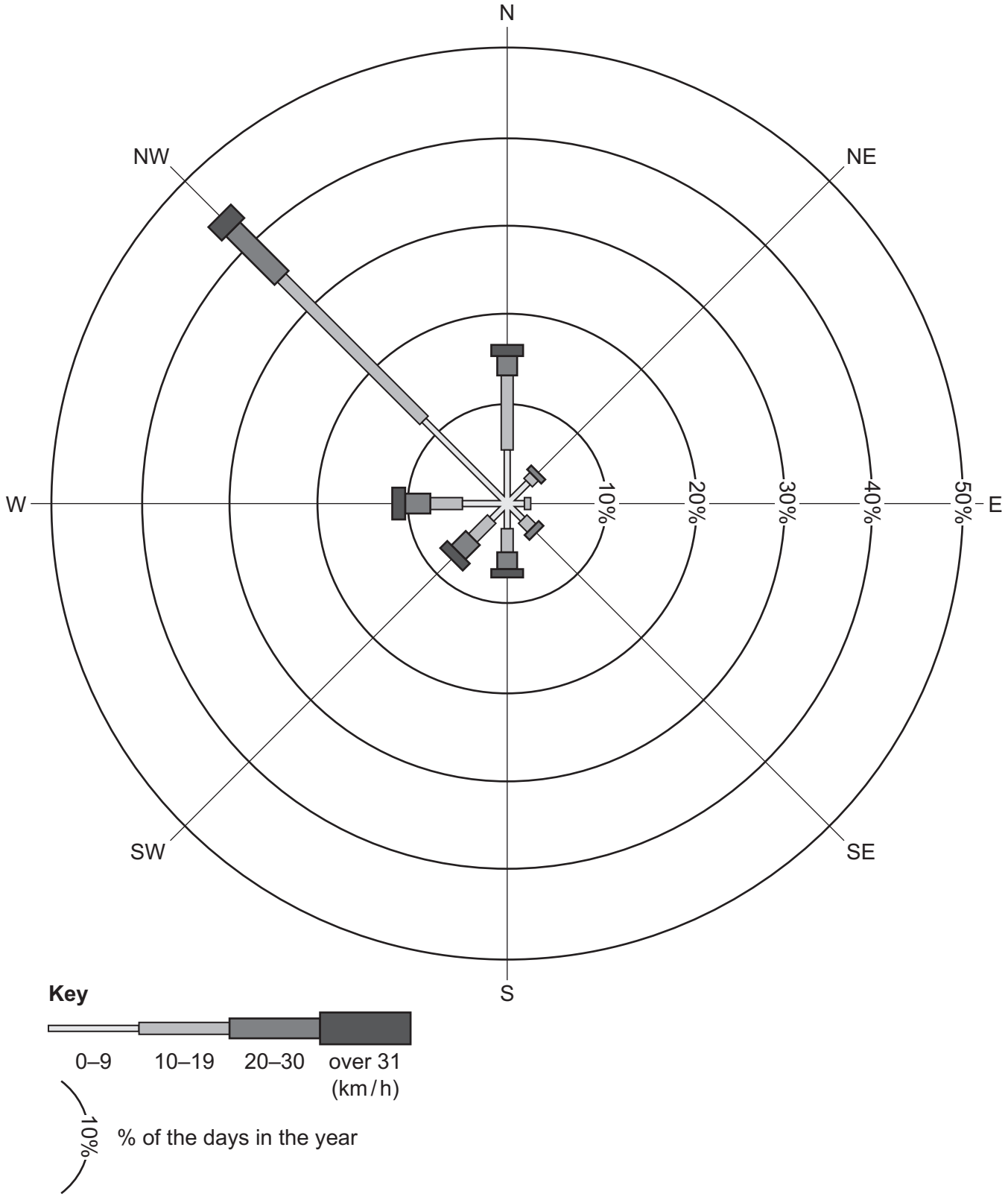



**Fig. 5.3**

**(i)** Name the type of graph shown in Fig. 5.3.

..... [1]

**(ii)** What is the prevailing wind direction shown by Fig. 5.3?

..... [1]

**(iii)** What percentage of the days in the year does the wind blow from the north, and when it does, which wind speed is most common?

frequency ..... (%)

most common wind speed ..... (km/h) [2]

[Total: 8]

**6** **(a)** **(i)** Describe the location of the rural-urban fringe in an MEDC city.

.....

..... [1]

**(ii)** State a land-use found in the rural-urban fringe.

..... [1]

**(b)** Fig. 6.1 (Insert) is a land-use model for an LEDC city. Fig. 6.2 (Insert) is a land-use map of Dar-es-Salaam, a city in Tanzania, an LEDC in Africa.

**(i)** Describe the similarities **and** differences between the land-use model shown in Fig. 6.1 and the land-use of Dar-es-Salaam shown in Fig. 6.2.

.....

.....

.....

.....

.....

.....

.....

.....

.....

..... [4]

**(ii)** Using Fig. 6.2, suggest **two** physical factors which prevent a city like Dar-es-Salaam from fitting the model of an LEDC city.

factor 1 .....

.....

factor 2 .....

.....

[2]

[Total: 8]

## Additional pages

If you use the following pages to complete the answer to any question, the question number must be clearly shown.

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