



**Geography Teachers'
Association of Victoria Inc.**
Reg No: A 003 050 5Z
ABN: 65 550 382 751

GEOGRAPHY

Trial Examination Paper, 2022

EXAM A

DATA BOOK

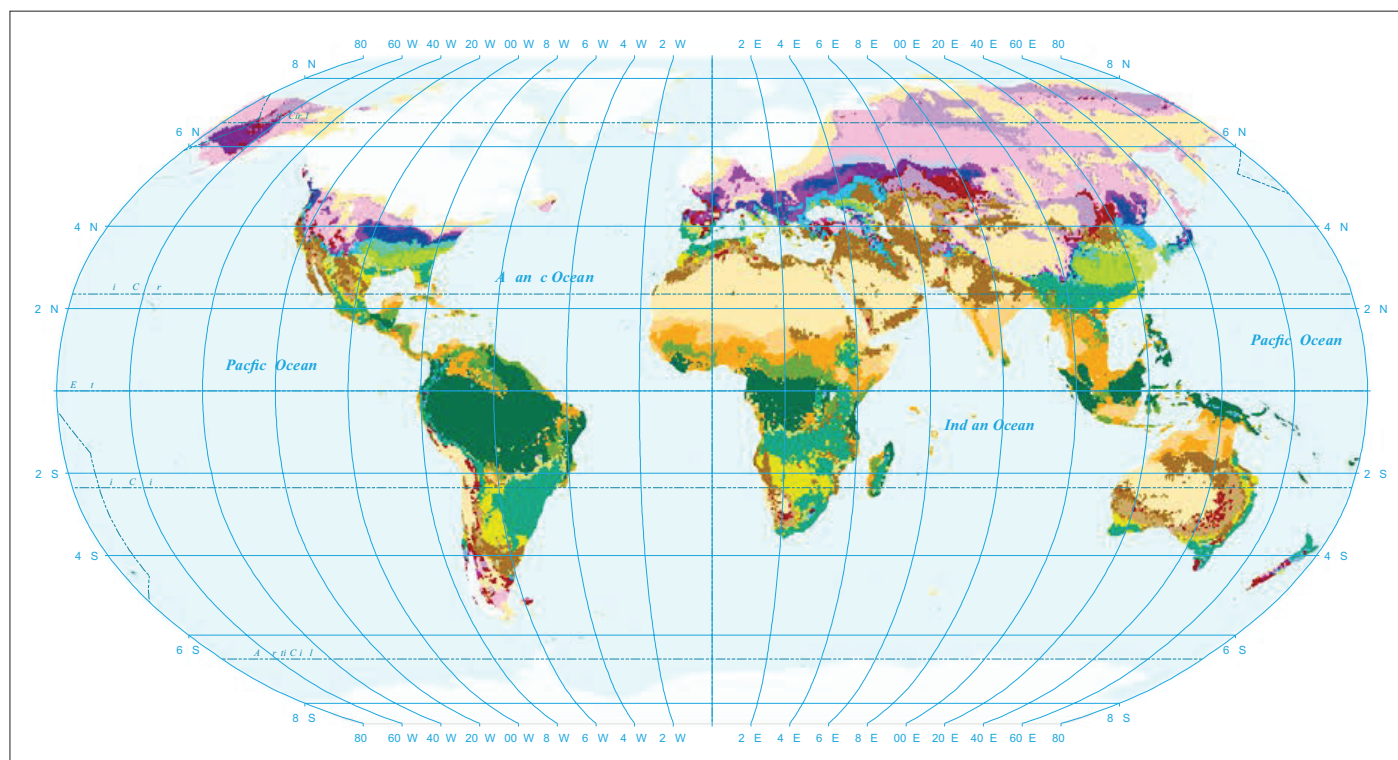
Directions to students

- A question and answer book is provided with this data book.
- Refer to the data in this book for each question as indicated in the Question and Answer book.
- The data contained in this book is drawn from current real world case studies

Students are NOT permitted to bring mobile phones and/or any other unauthorised electronic devices into the examination room.

FIGURE 1 Changing the land

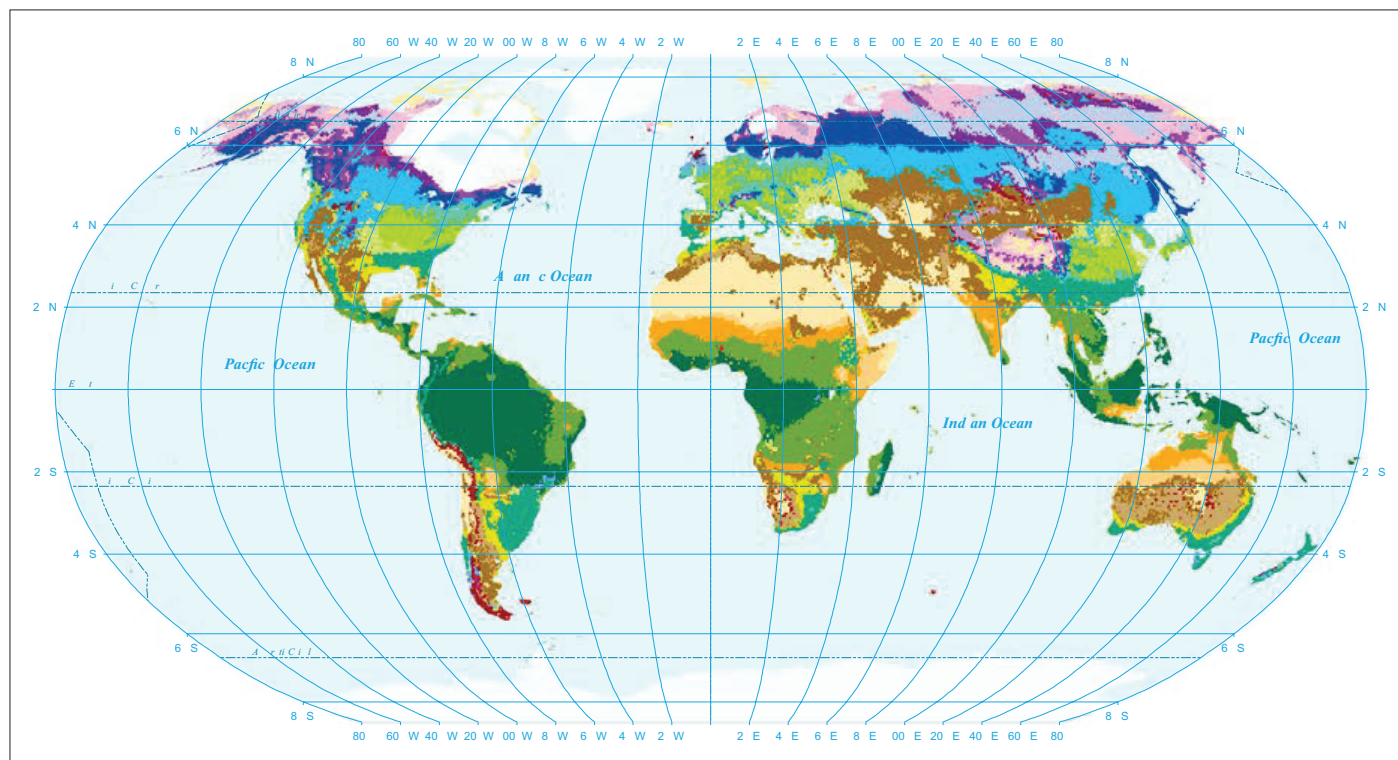
Figure 1a. Global distribution of biomes in Last Glacial Maximum



SOURCE © 2020 Allen JRM Forrest M Hickler T, Singarayer J, Valdes J, Huntly B. Journal of Biogeography published by John Wiley & Sons Ltd

LEGEND		
Desert	Warm Temperate Woodland	Boreal Parkland
Semi-desert	Temperate Broad-leaved Evergreen Forest	Boreal Evergreen Needle-leaved Forest
Tropical Grassland	Temperate Summergreen Forest	Boreal Summergreen Needle-leaved Forest
Savanna	Temperate Needle-leaved Evergreen Forest	Boreal Summergreen Broad-leaved Forest
Tropical Raingreen Forest	Tropical Mixed Forest	Boreal Woodland
Tropical Evergreen Forest	Temperate Parkland	Shrub Tundra
Temperate Shrubland	Steppe	Tundra
Unclassified	Ice sheet	Ocean or lake

Figure 1b. Global distribution of biomes in Holocene Climatic Optimum



SOURCE © 2020 Allen JRM Forrest M Hickler T, Singarayer J, Valdes J, Huntly B. Journal of Biogeography published by John Wiley & Sons Ltd

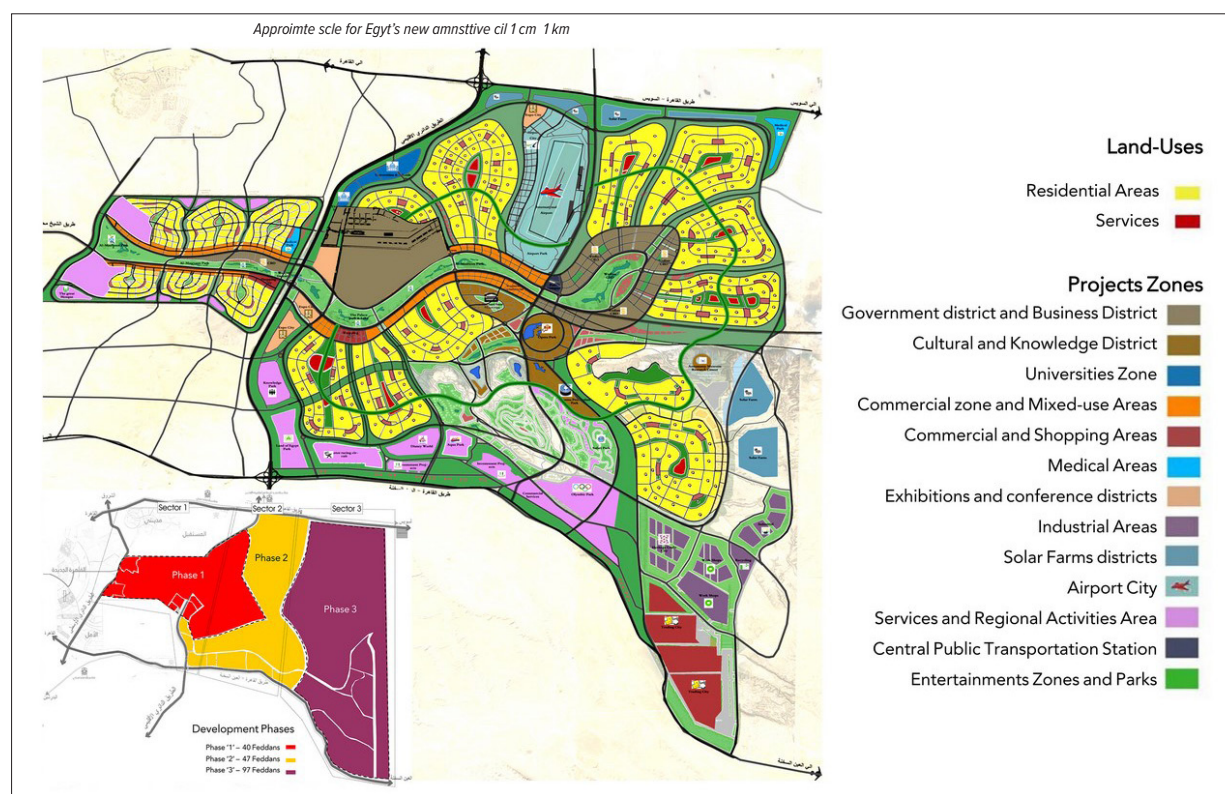
LEGEND		
Desert	Warm Temperate Woodland	Boreal Parkland
Semi-desert	Temperate Broad-leaved Evergreen Forest	Boreal Evergreen Needle-leaved Forest
Tropical Grassland	Temperate Summergreen Forest	Boreal Summergreen Needle-leaved Forest
Savanna	Temperate Needle-leaved Evergreen Forest	Boreal Summergreen Broad-leaved Forest
Tropical Rainforest	Tropical Mixed Forest	Boreal Woodland
Tropical Evergreen Forest	Temperate Parkland	Shrub Tundra
Temperate Shrubland	Steppe	Tundra
Unclassified	Ice sheet	Ocean or lake

FIGURE 2 Changing the land

Figure 2a. Egypt location map



Figure 2b. Plans for Egypt's new administrative capital, a planned city 45 kilometres east of Cairo



SOURCE © Cube Consultants

Figure 2c. Rendering of new capital Egypt



SOURCE: © Cube Consultants

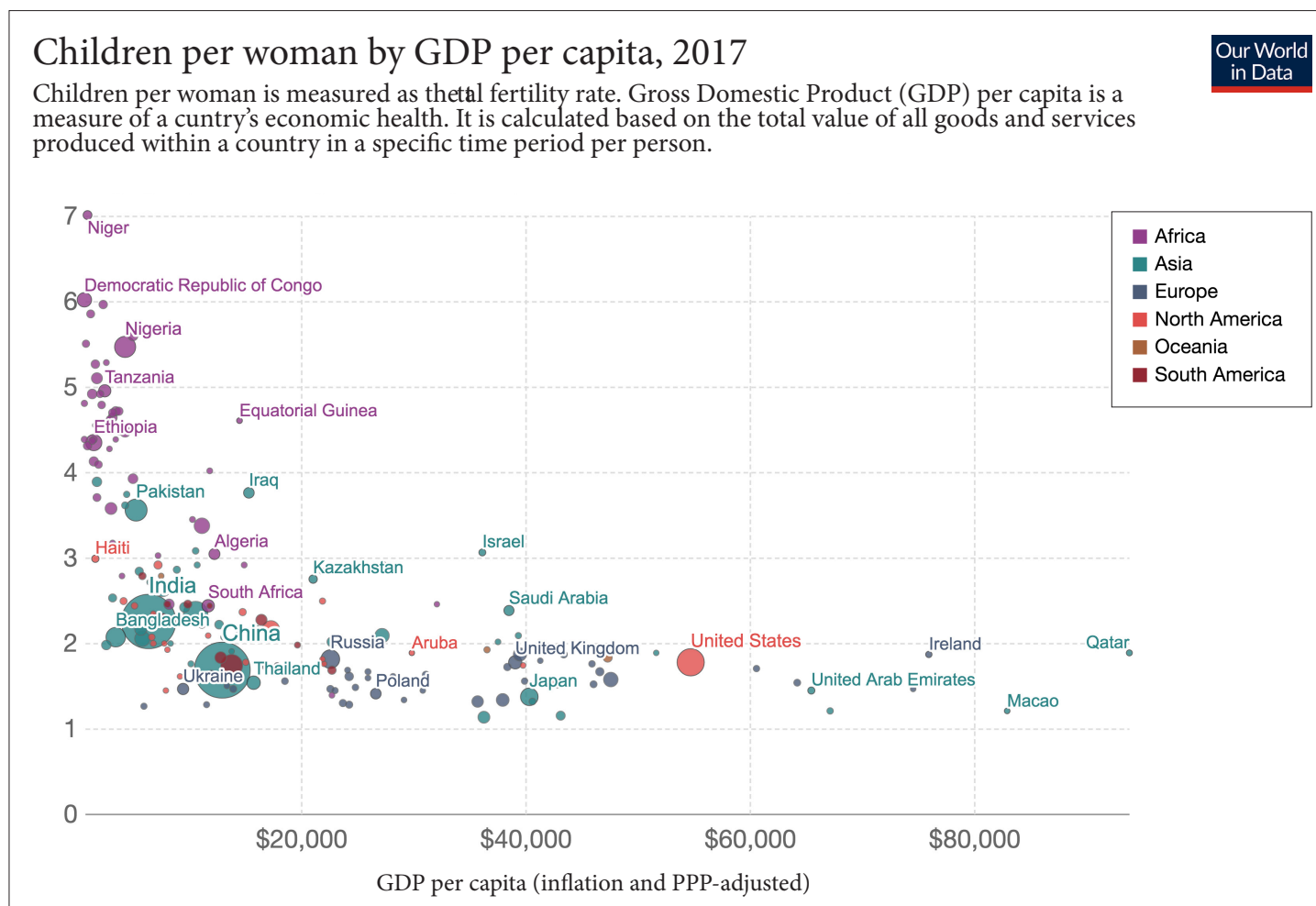
Figure 2d. Land use change in Egypt – minimal use to mixed-urban area, key information

Key information:

- Aims to offer a clean and efficient base for the government and finance industry, as well as homes for at least 65 million people.
- Hopes to relieve stress on Cairo (20 million) and issues of traffic congestion pollution water stress
- Cost US\$58 billion 20% financed from foreign investment e.g. China
- Construction commenced 2015 first phase of 168 square km completed to date
- When finished it will comprise 13 districts zoned by a function e.g. residential, justice courts, cultural precinct totalling 700 square km in size
- Inclusion of an artificial river, parkland. Estimated water consumption 65,000 cubic metres per day
- Project run by joint company formed by the housing ministry and the army land will be leased not sold
- Will include a network of roads and transport providing interconnection with Greater Cairo

FIGURE 3 Human population

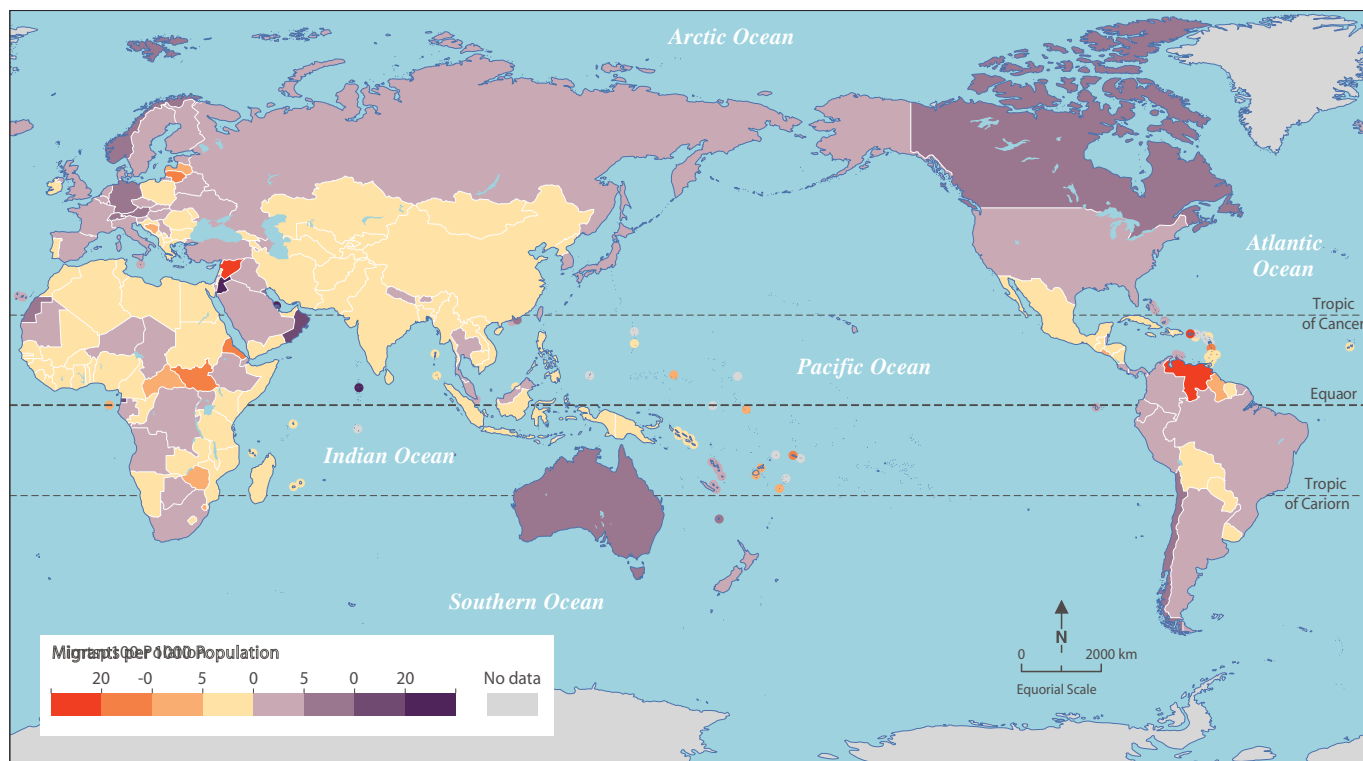
Figure 3. The relationship between Gross Domestic Product (GDP) per capita and total fertility rate (children per woman) in 2017



SOURCE: Our World in Data (OurWorldInData.org/fertility/ (CC BY))

FIGURE 4 Human population

Figure 4. The average annual net migration rate per 1000 people (2015–2000). The annual net migration rate refers to the difference in the number of immigrants and emigrants in a particular year.



DATA SOURCE United Nations

NO DATA ON THIS PAGE

Editorial Notes

Date of publication June 2022

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