



**Geography Teachers'
Association of Victoria Inc.**
Reg No: A 003 050 5Z
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GEOGRAPHY

Trial Examination Paper, 2022

EXAM A

DATA BOOK

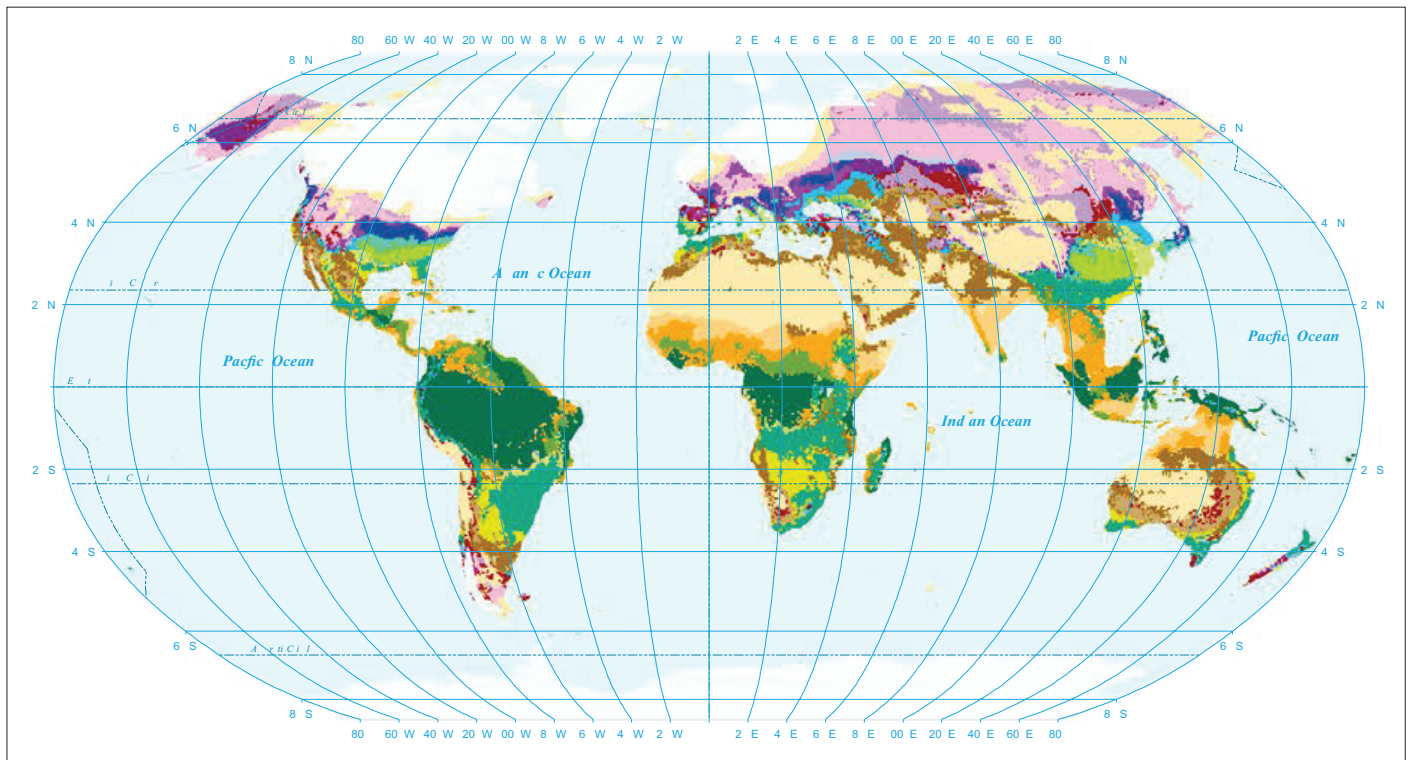
Directions to students

- A question and answer book is provided with this data boo.
- Refer to the data in this book for each question as indicated in the Question and Answer boo.
- 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

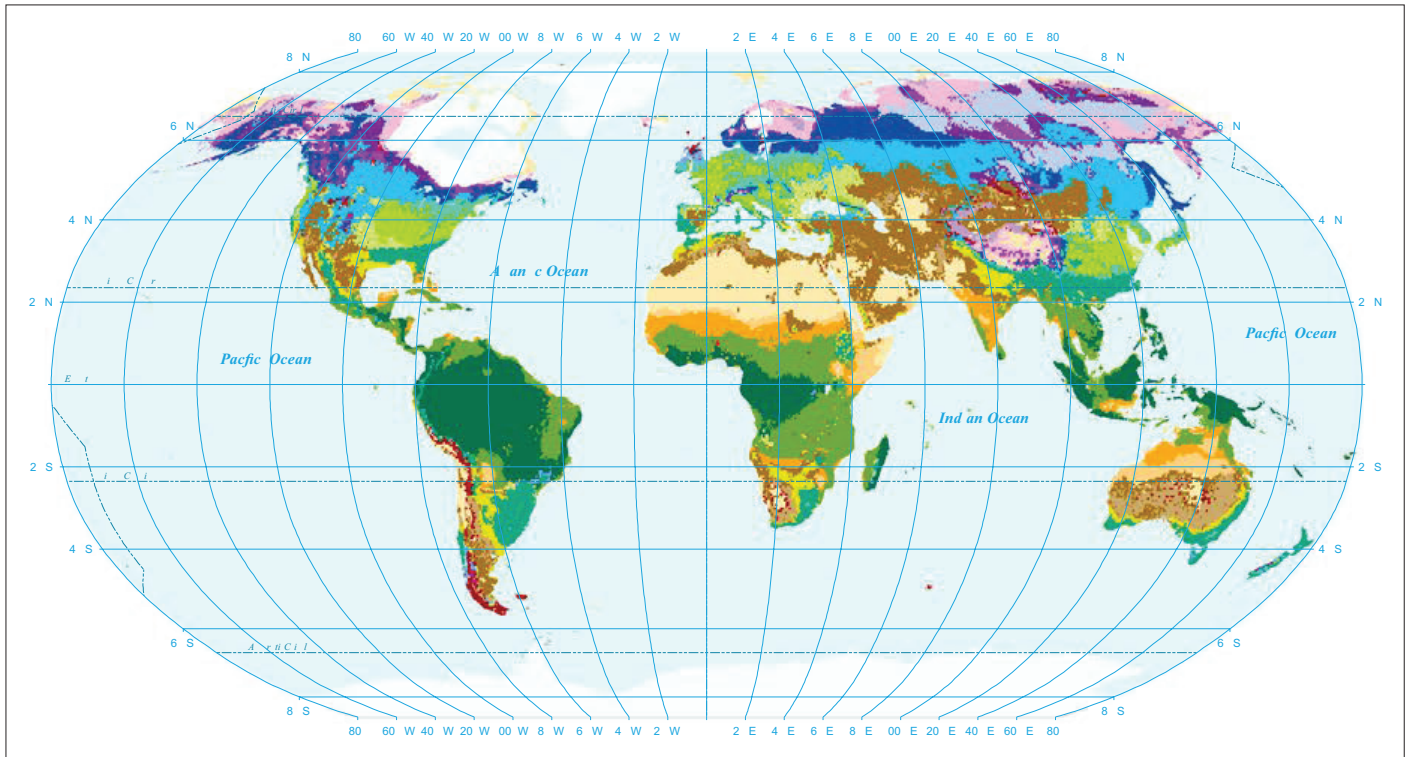
Figure 1a. Global distribution of biomes in Last Glacial Maximum



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 | Wrm Temerate 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 | Temprate 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

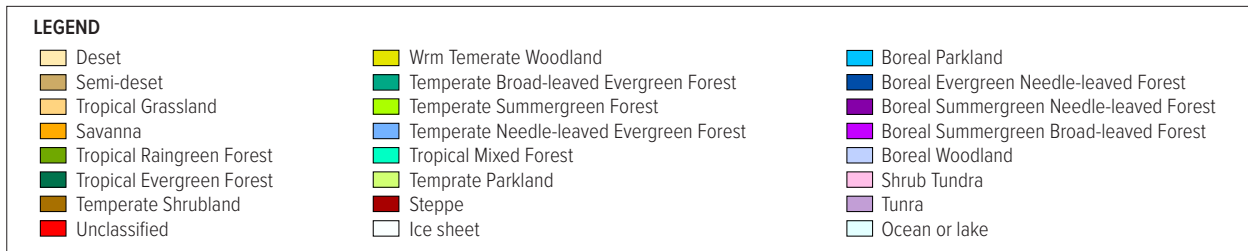
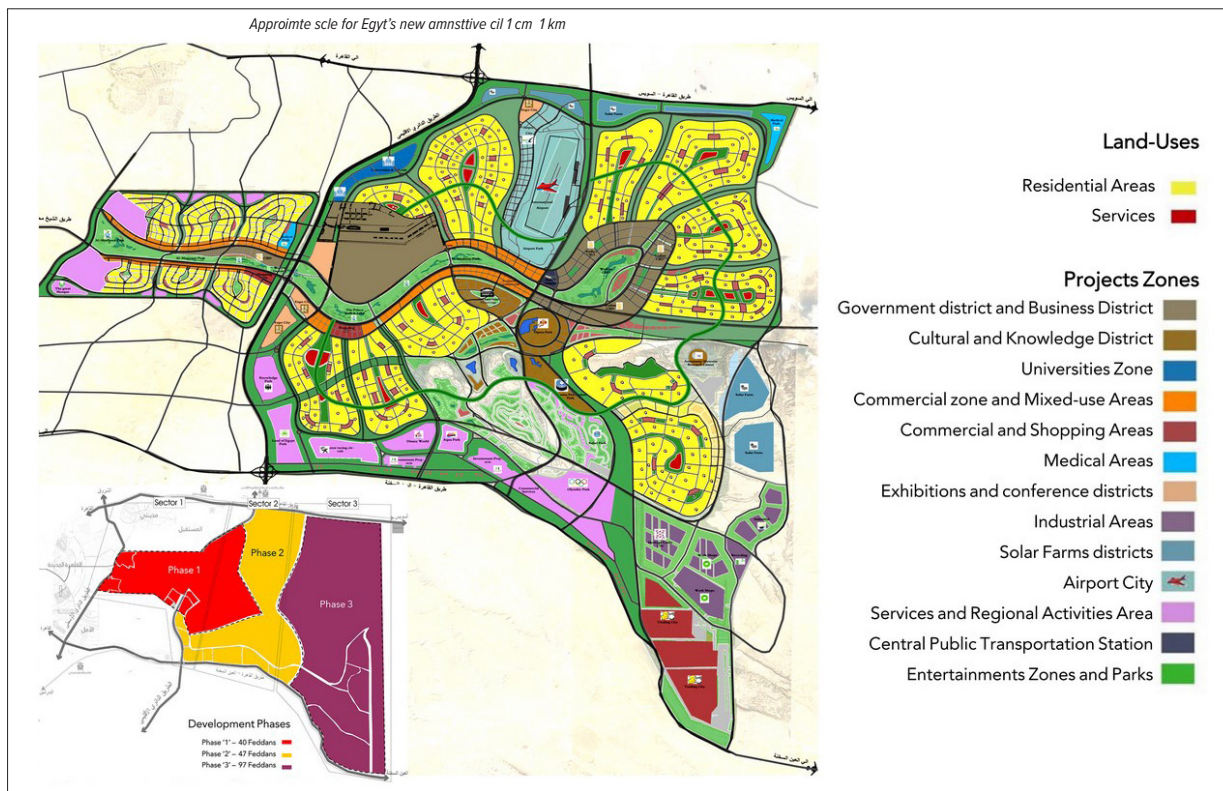


FIGURE 2 Changing the land

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

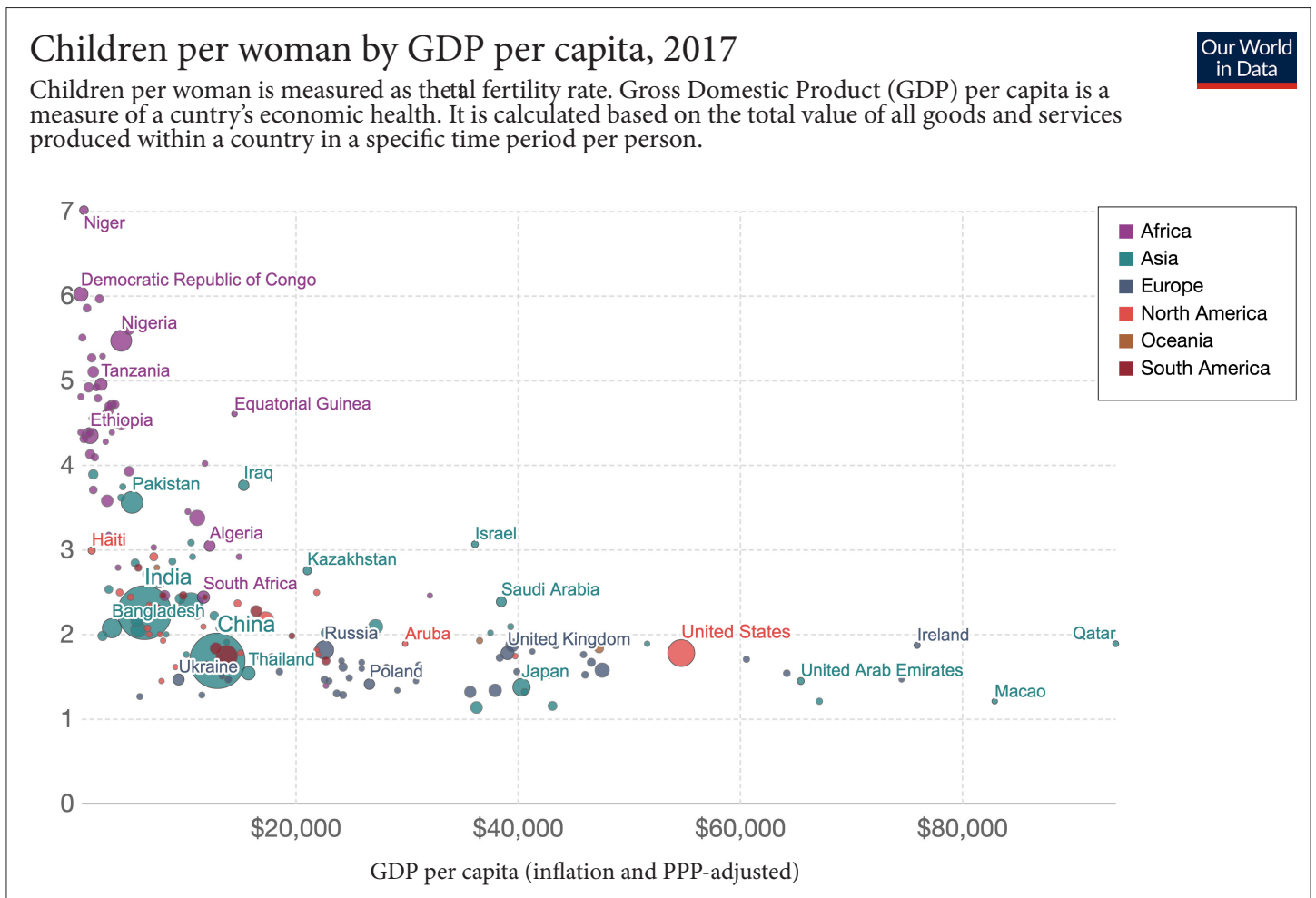
Figure 2d. Land use change in Egypt – minimal use to mixed-urban area, key information

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

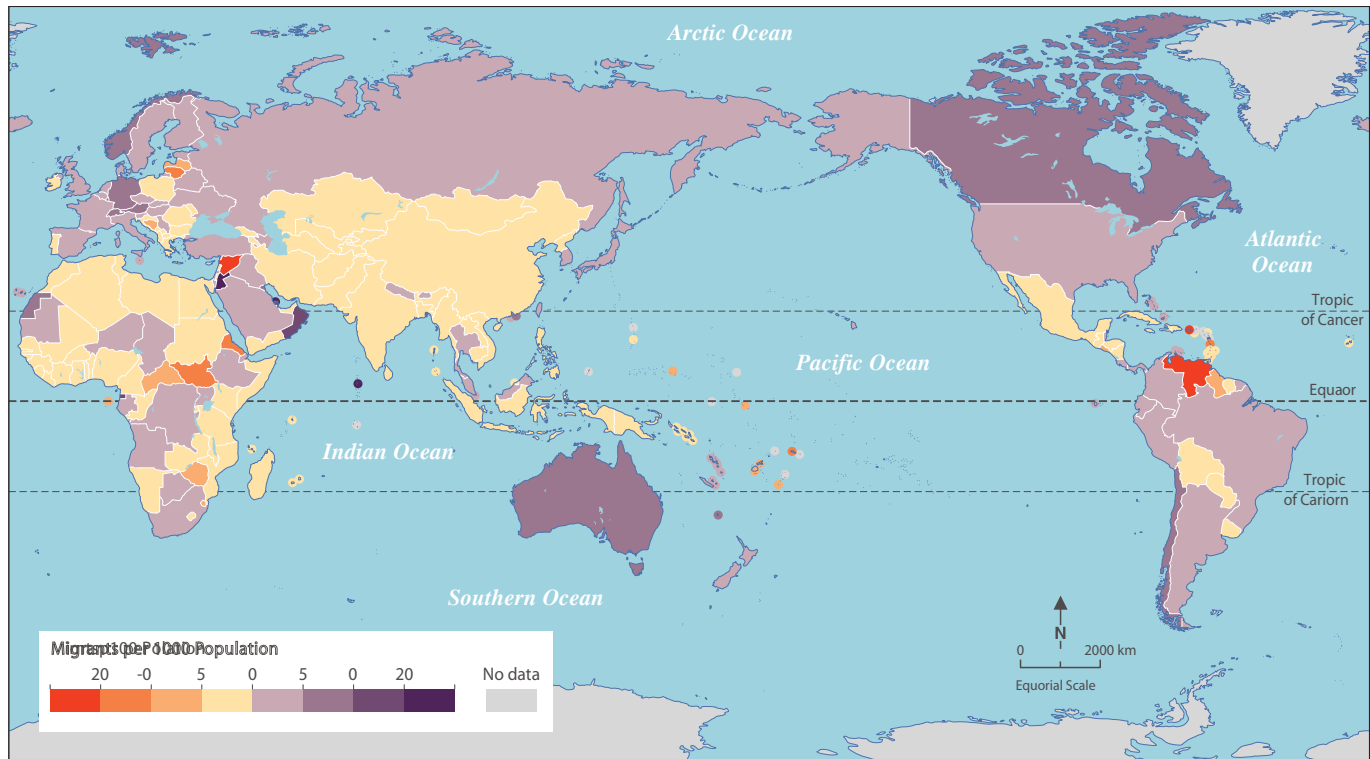
Figure 3. The relationship between Gross Domestic Product (GDP) per capita and total fertility rate (children per woman) in 2017



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

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