GAUTENG PROVINCE
EDUCATION
REPUBLIC OF SOUTH AFRICA

GAUTENG DEPARTMENT OF EDUCATION

PREPARATORY EXAMINATION

2016

10781

GEOGRAPHY

FIRST PAPER

ADDENDUM

10 pages

GAUTENG DEPARTMENT OF EDUCATION

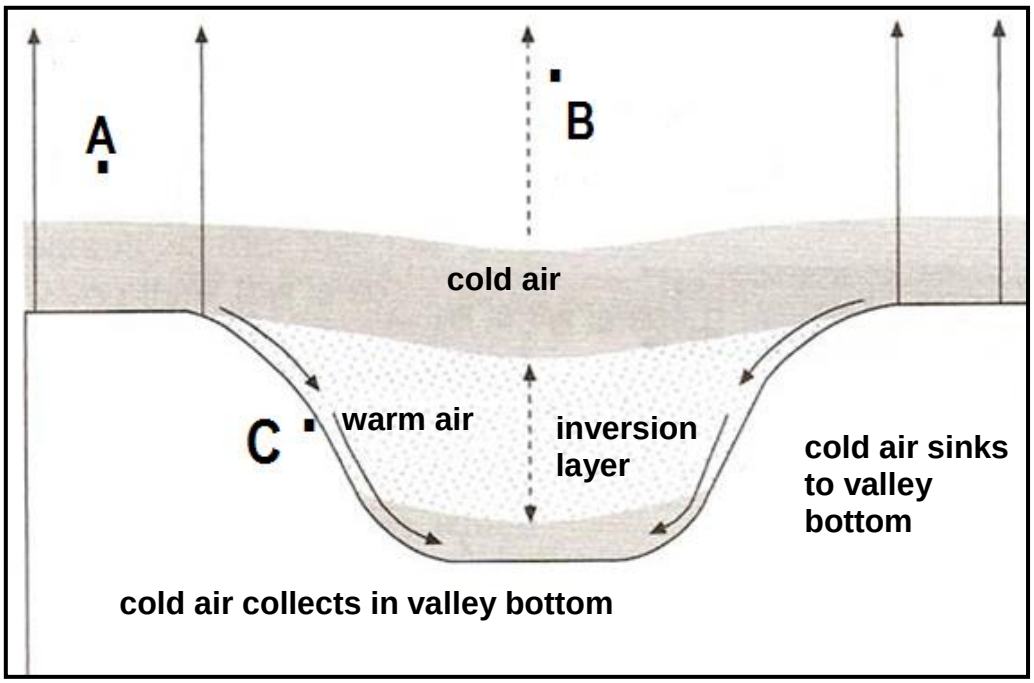
PREPARATORY EXAMINATION – 2016

GEOGRAPHY
(First Paper)

TIME: 3 hours

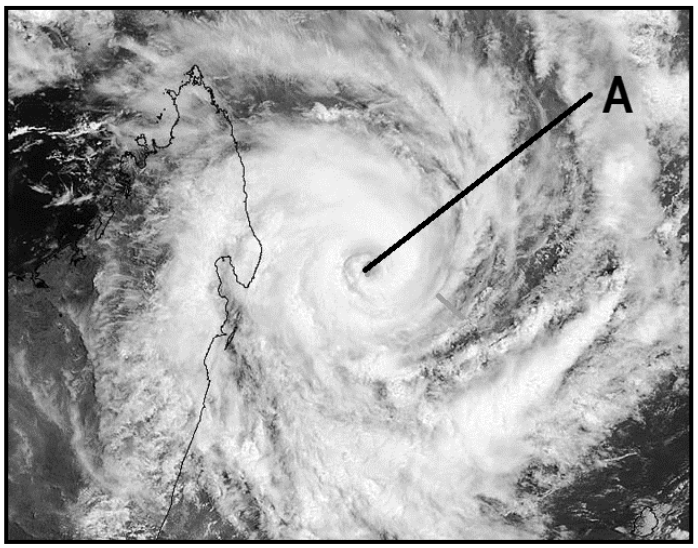
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FIGURE 1.1: MICRO-CLIMATE IN A VALLEY



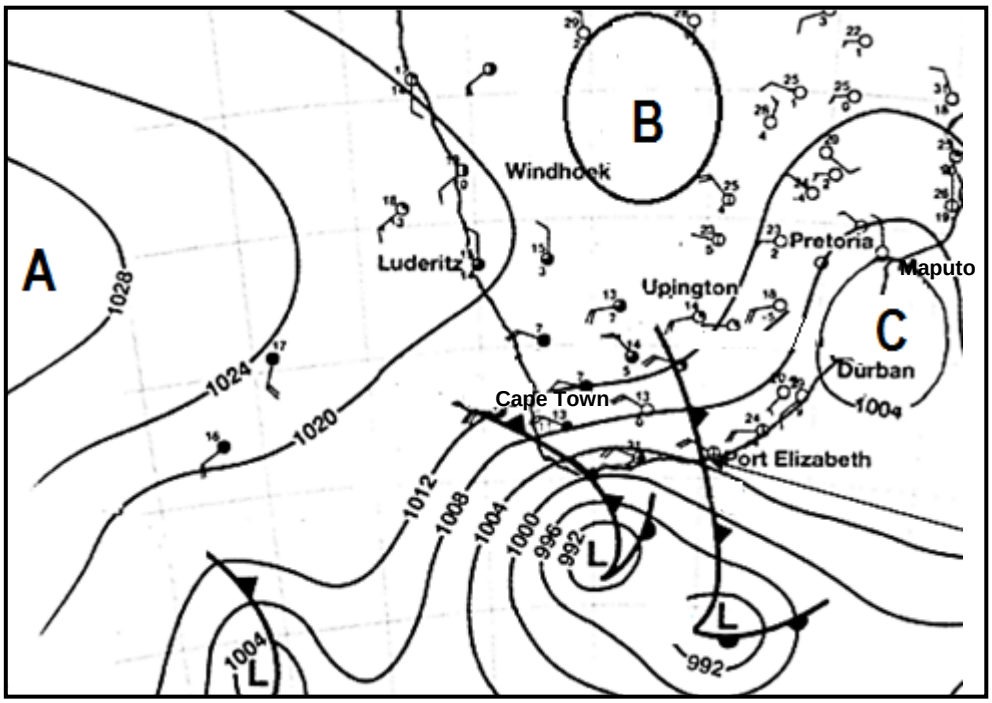
SOURCE: http:\\www.revisiongeography.climate.co.za

FIGURE 1.3: SATELLITE IMAGE OF A TROPICAL CYCLONE IN THE MATURE STAGE



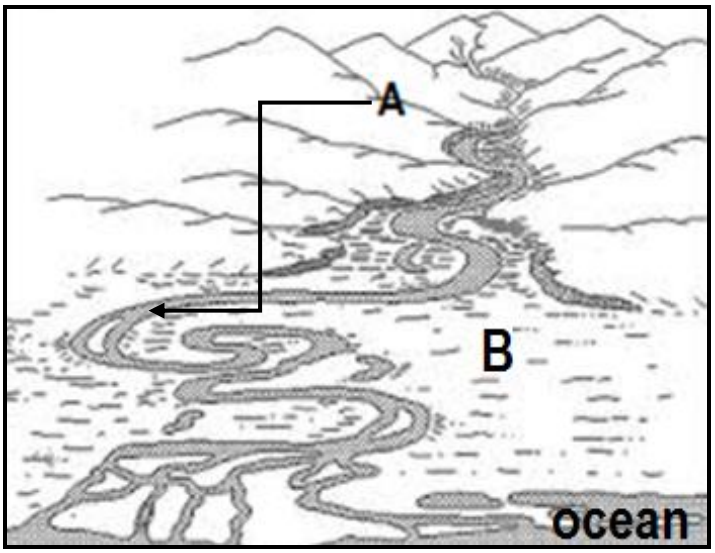
SOURCE: http:\\www.weatherobserver.images.blogspot.co.za

FIGURE 1.4: SYNOPTIC WEATHER MAP



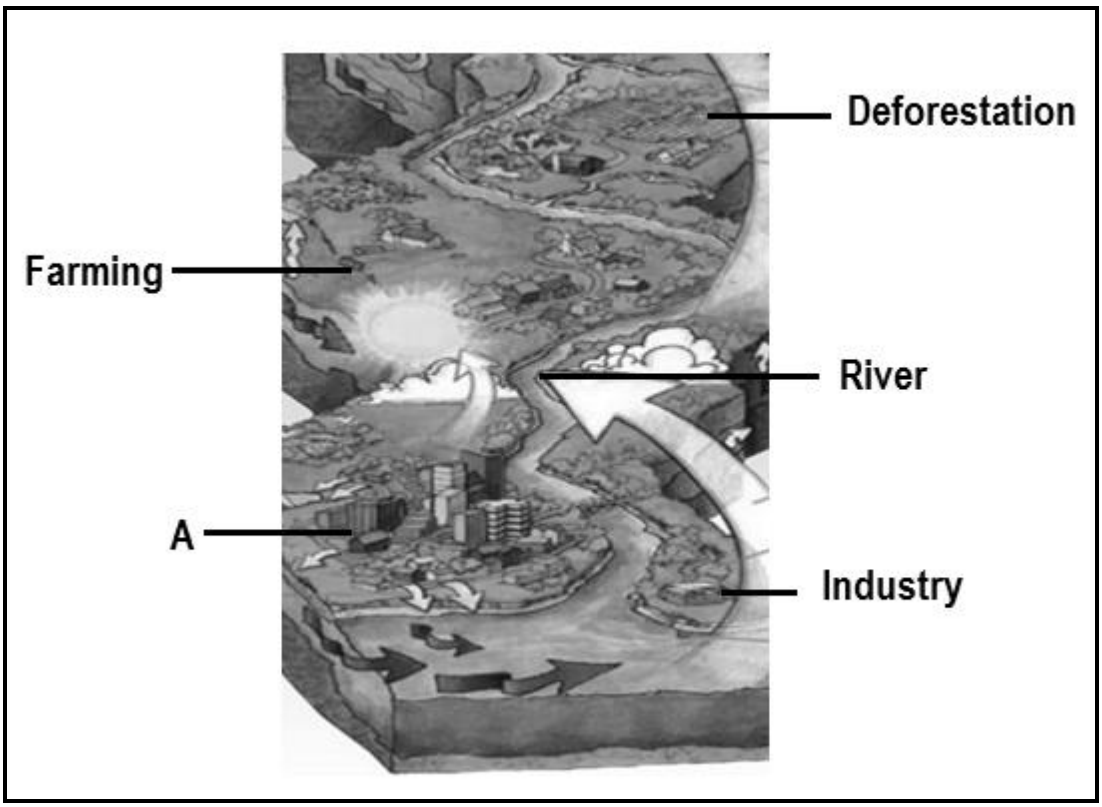
SOURCE: http\\:www.mindsetlearnxtra.org.za

FIGURE 1.5: DRAINAGE BASINS AND FLUVIAL LANDFORMS



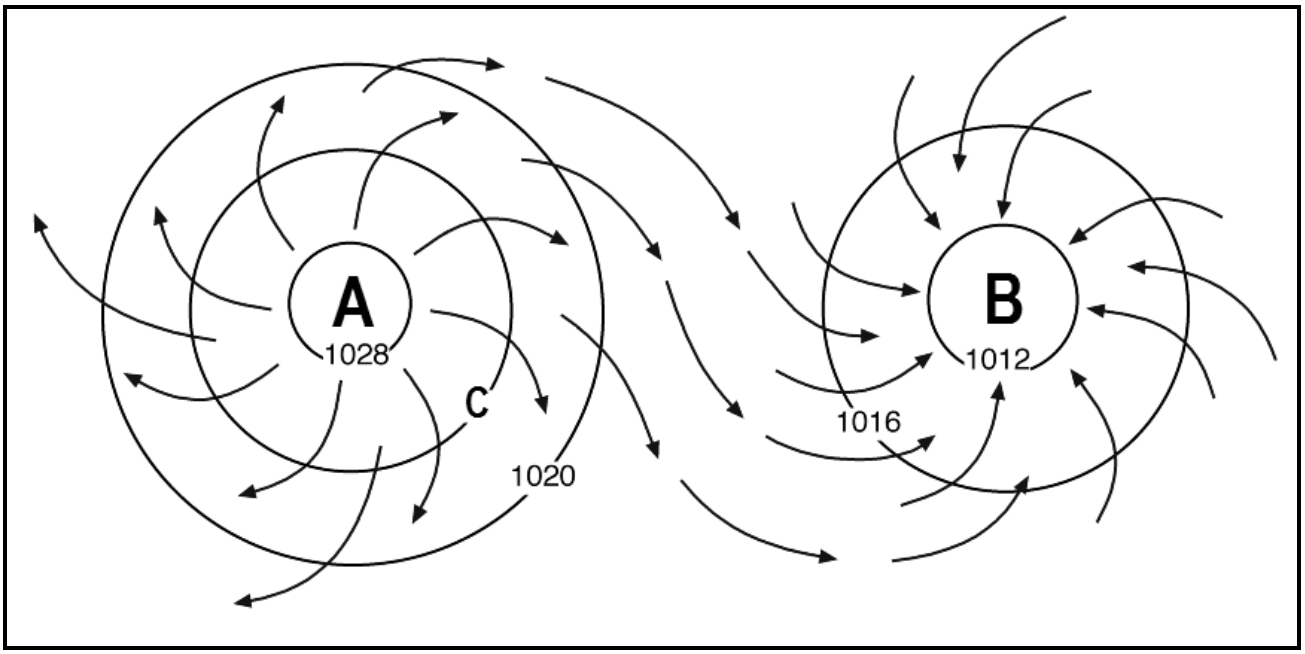
SOURCE: http\\:www.scielo.org

FIGURE 1.6: CATCHMENT MANAGEMENT



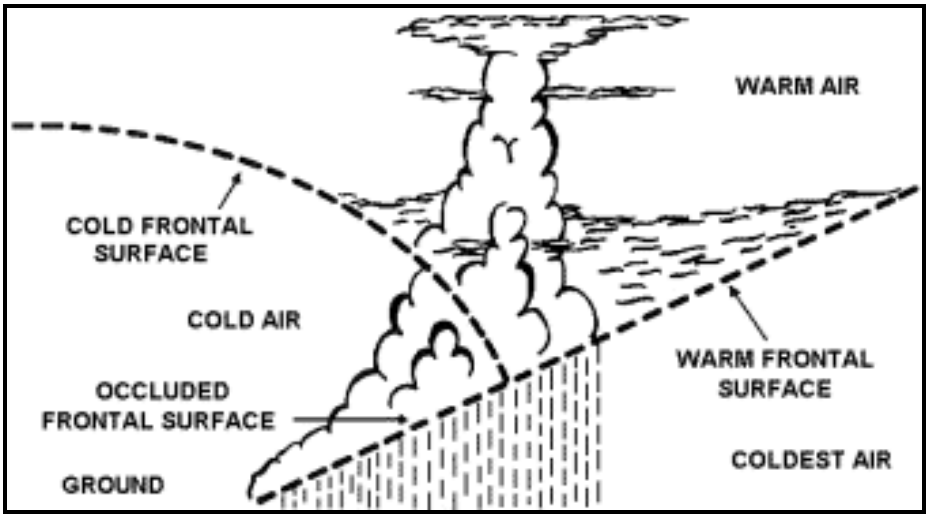
SOURCE: *Google images*

FIGURE 2.1 PRESSURE CELLS



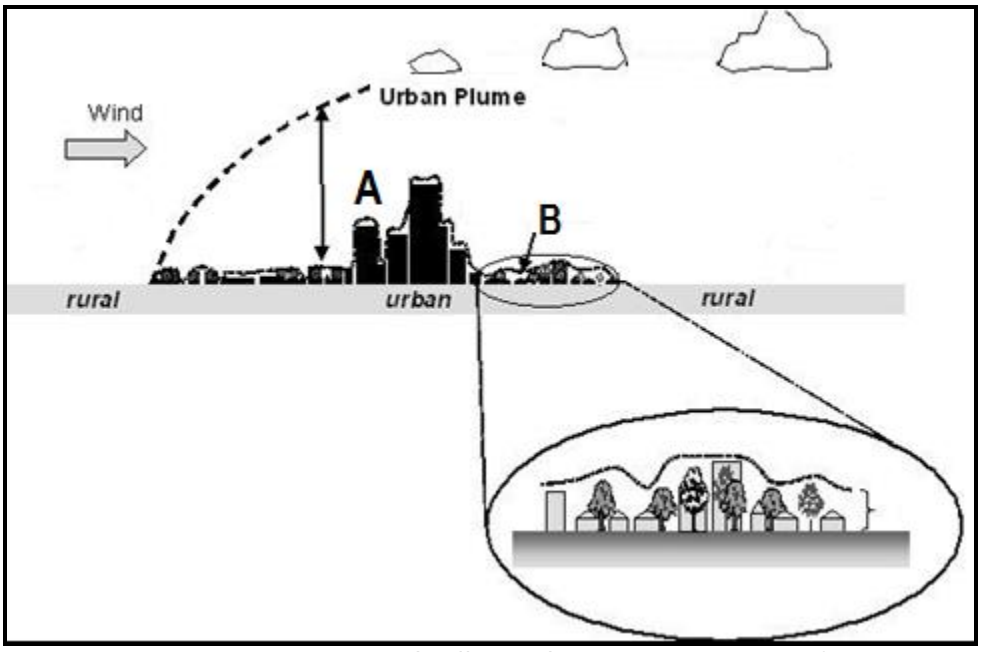
SOURCE: http:www.myweb.cwpost.org

FIGURE 2.3: A STAGE IN THE DEVELOPMENT OF A MID-LATITUDE CYCLONE



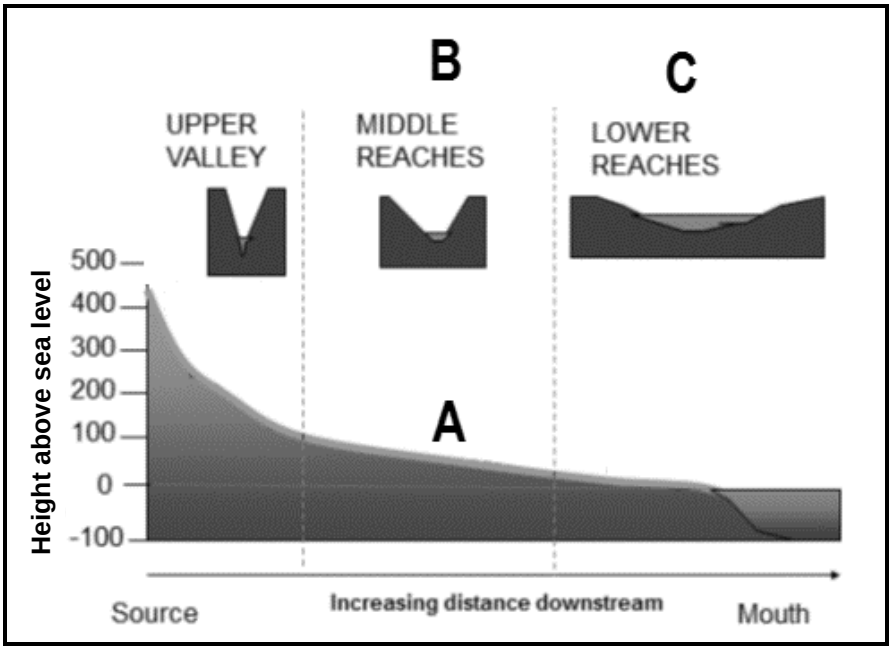
SOURCE: http\\:www.weathermix.parallelnodes.org

FIGURE 2.4: URBAN PLUME OF AN URBAN HEAT ISLAND



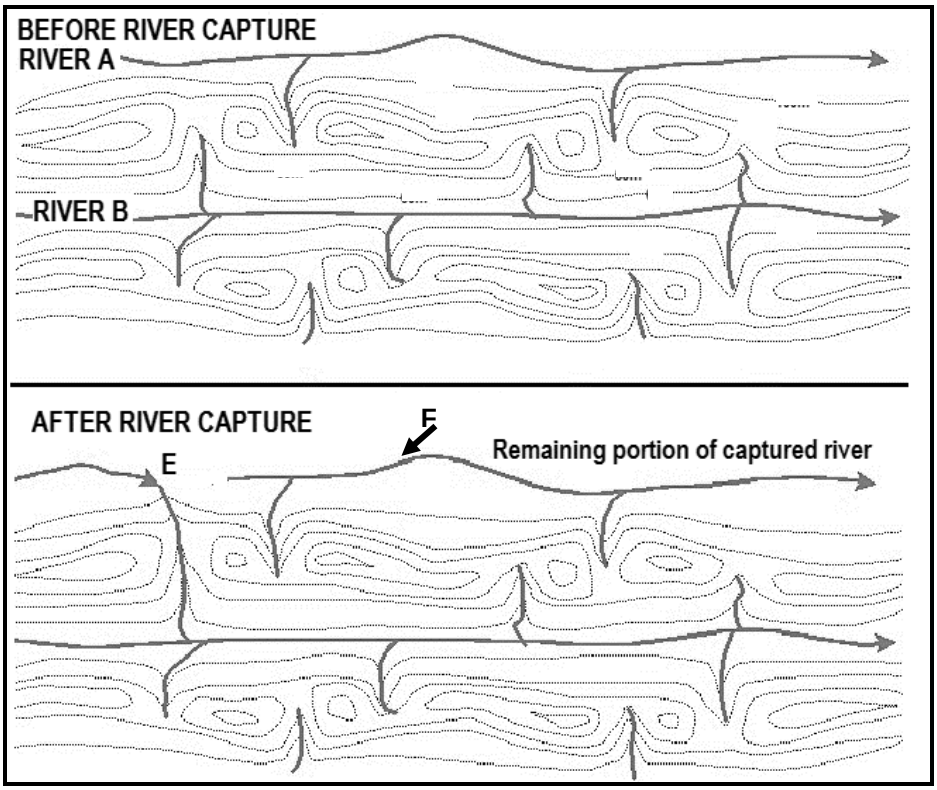
SOURCE: http\\:www.images.CDN345.georeferences.org

FIGURE 2.5: LONGITUDINAL PROFILE OF A RIVER FROM SOURCE TO MOUTH WITH CROSS PROFILES



SOURCE: http\\:www.images.earthscience.profiles.org

FIGURE 2.6: PROCESS OF RIVER CAPTURE



SOURCE: http\\:www.riverdrainage.images.geofix.org

FIGURE 3.1: URBAN HIERARCHY

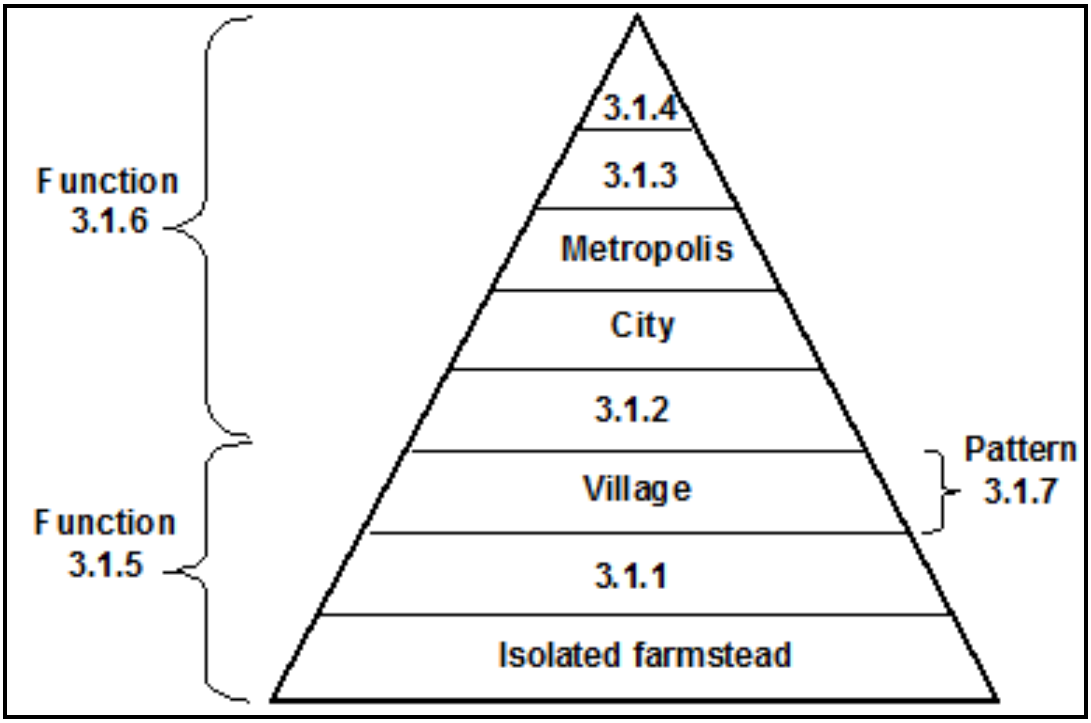


FIGURE 3.2: TYPES OF ECONOMIC ACTIVITIES

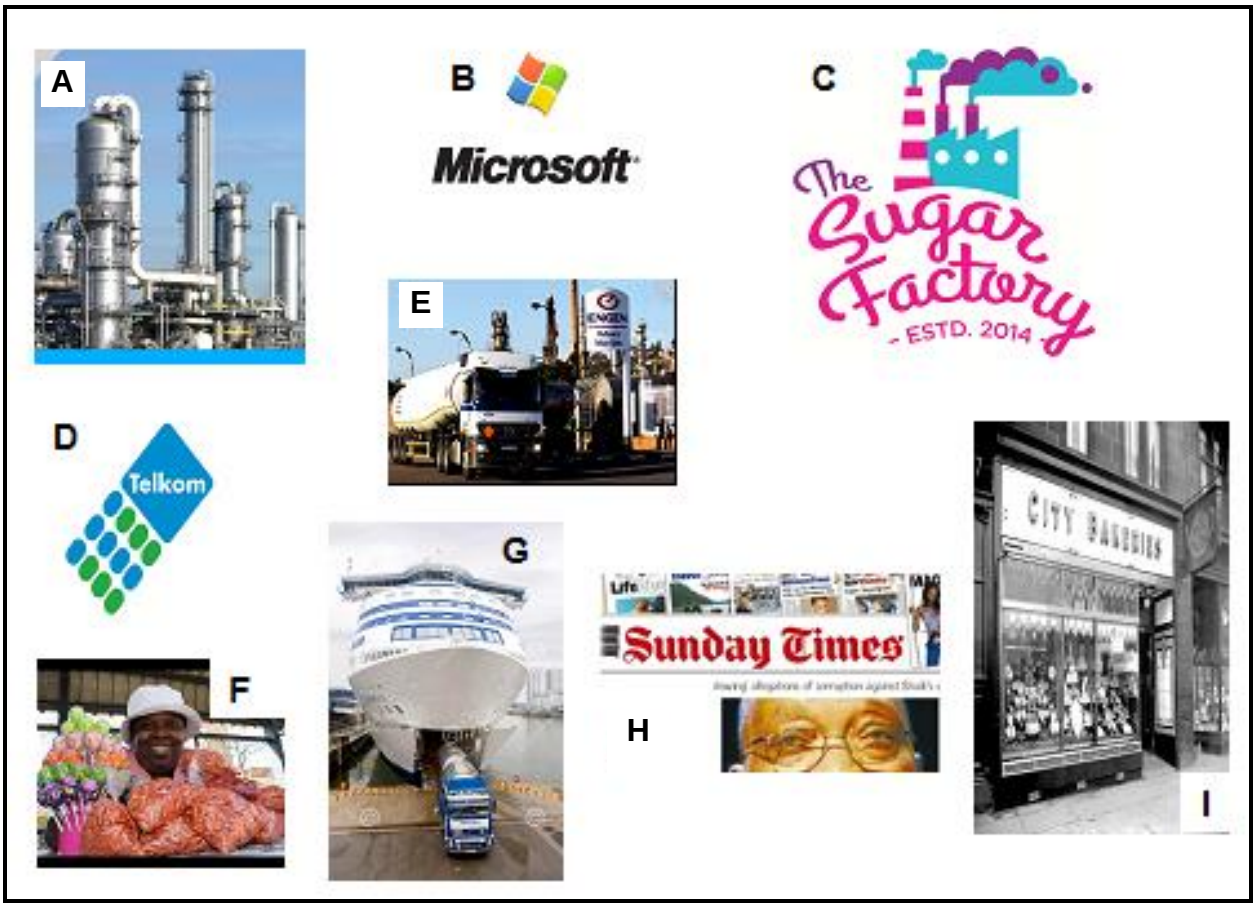
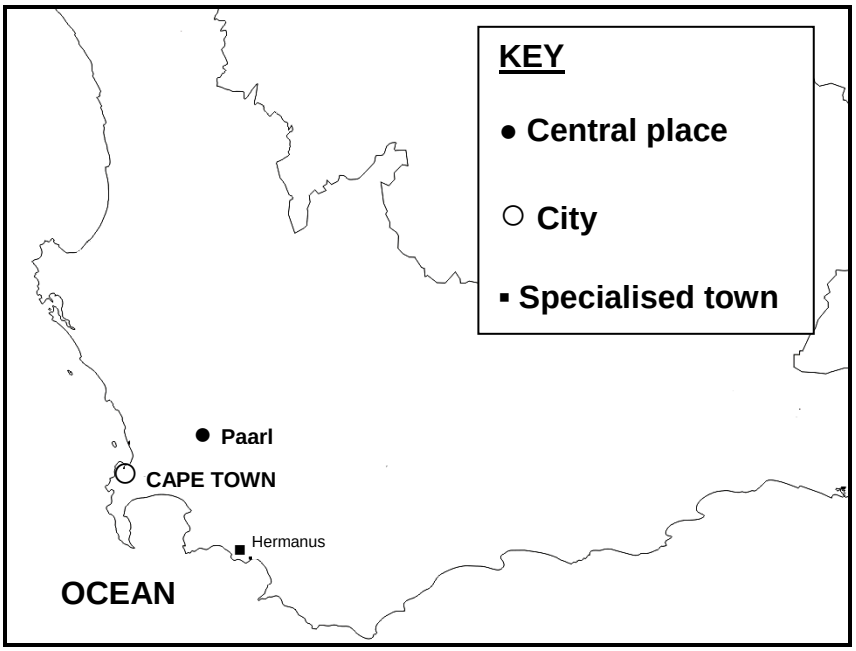


FIGURE 3.3: TYPES OF SETTLEMENTS



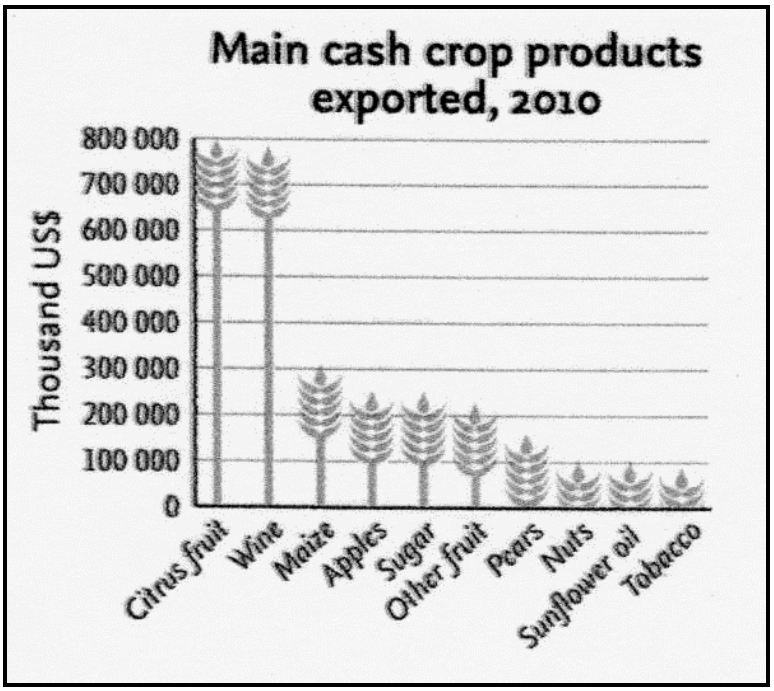
SOURCE: *Google images*

FIGURE 3.4: LAND-USE ZONE IN AN URBAN AREA



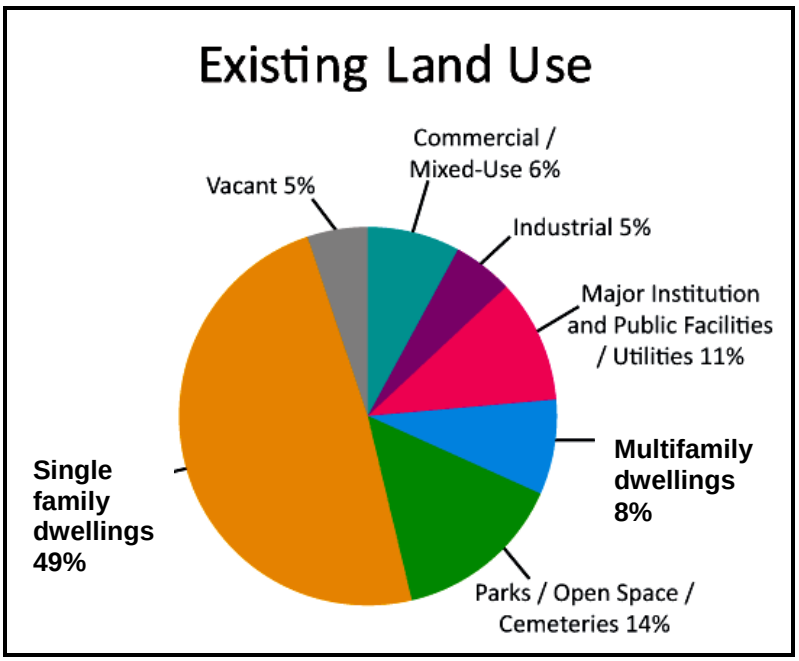
SOURCE: *Google images*

FIGURE 3.5: EXPORT AND IMPORT OF CASH CROPS



SOURCE: Platinum High School Atlas Gr 8–12

FIGURE 4.3: LAND-USE IN URBAN CENTRES



SOURCE: King County Department of Assessments; City of Seattle

FIGURE 4.4: INFORMAL HOUSING



SOURCE: *Google images*

FIGURE 4.5: MINING

Mining Problems: SA in Crisis Mode

The mining industry announced as many as 12 000 planned job cuts, raising the anger of the unions and the government. The mining industry is struggling with strained labour relations as unions press for higher wages.

But in light of the difficulties facing the industry, it was evident that the industry would press ahead with measures to ride out the current problems. Mark Cutifani, the chief executive of Anglo-American, said the industry would take "the necessary action to survive in these tough times". Global coal prices have slid 10 percent this year, iron ore is down 46 percent, platinum is at a six-year low, while the gold price has also notched double-digit declines.

Mining is South Africa's biggest foreign currency earner. It accounts for about 18 percent of gross domestic product and 60 percent of exports. It employs about 500 000 people.

Source: Business / news, by Dineo Faku

END