Question 1

Look at the map below and answer the following questions:

![Map of the world with labeled points A to J]

Give co-ordinates for the following letters:

a) Give the co-ordinates for letter J. (1)

b) Give the co-ordinates for letter E. (1)

c) Which letter has the co-ordinates 35°S; 60°W? (1)

d) Which letter has the co-ordinates 15°N; 45°W? (1)

e) Is majority of the African continent in the Northern or Southern Hemisphere? (1)
Question 2

Look at the map of the Southern half of Africa below. Use the line scale to answer the following questions.

![Map of Southern Africa](image)

1cm = 1000km

a) Using your ruler and the line scale. What is the distance between Cape Town and Nairobi in km? (1)
b) Provide a word scale for the above map. (1)
c) How many kilometers on the ground is 2.5cm distance on the map? (1)

[3]

Question 3

Answer the following questions about hot deserts.

a) Define the term desert. (1)
b) Name the world's largest desert. (1)
c) Give a reason why not many plants grow in hot deserts. (1)
d) Identify one way a plant has adapted to surviving in a desert. (1)
e) Give an example of how the Dromedary Camel has adapted to living in the desert. (1)
f) What do dwellers of the Middle East live in? (1)
g) If you were to live in the desert, what would you live near? (1)

[7]
Question 4

Answer the following questions about coniferous forests.

a) Define the word *coniferous*. (1)

b) Name a continent where coniferous forests are found. (1)

c) Give an advantage of why the Spruce tree's branches grow downwards. (1)

d) Name two ways of how people would earn money in these areas. (2)

e) Copy the table below and fill in the missing spaces. (2)

<table>
<thead>
<tr>
<th>Animal</th>
<th>How it is able to survive the cold climate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Great Grey Owl</td>
<td></td>
</tr>
<tr>
<td>Moose</td>
<td></td>
</tr>
</tbody>
</table>

[7]

Question 5

Look at the following pictures and answer the questions below about rural and urban areas.

[Picture A]

[Picture B]

a) Is picture A or picture B an urban area? (1)

b) Describe the population distribution in rural areas. (1)

c) Describe the population density in urban areas. (1)

d) The mother in Picture A wants her and her child to move to the city. Give a reason why she would want to move. (1)

e) Name the two types of farming in areas of South Africa. Are these areas rural or urban? (3)
f) Identify the three main factors that influence global settlements. Describe how each factor is an influence.

Set out answer as follows: Factor – reason of influence. (6)

Question 6

Look at the following population table and answer the questions.

<table>
<thead>
<tr>
<th>Province</th>
<th>Population</th>
<th>Density (Number of people per km²)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gauteng</td>
<td>12,272,263</td>
<td>675</td>
</tr>
<tr>
<td>KwaZulu-Natal</td>
<td>10,267,300</td>
<td>108</td>
</tr>
<tr>
<td>Mpumalanga</td>
<td>4,039,939</td>
<td>53</td>
</tr>
<tr>
<td>Western Cape</td>
<td>5,822,734</td>
<td>45</td>
</tr>
<tr>
<td>Limpopo</td>
<td>5,404,868</td>
<td>43</td>
</tr>
<tr>
<td>Eastern Cape</td>
<td>6,562,053</td>
<td>39</td>
</tr>
<tr>
<td>North West</td>
<td>3,509,953</td>
<td>33</td>
</tr>
<tr>
<td>Free State</td>
<td>2,745,590</td>
<td>21</td>
</tr>
<tr>
<td>Northern Cape</td>
<td>1,145,861</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>51,770,560</strong></td>
<td></td>
</tr>
</tbody>
</table>

The current population of South Africa is 54,791,531 as of Friday, February 12, 2016, based on the latest United Nations estimates. South Africa’s population is equivalent to 0.74% of the total world population. South Africa ranks number 25 in the list of countries by population.

a) Write the formula to calculate the population density. (1)
b) Describe the population density in Gauteng. (1)
c) Describe the population density in the Northern Cape. (1)
d) Describe the population distribution of South Africa. (1)
e) Work out the population increase from 2011 to 2016. (5)

**TOTAL: 40**