1) a) Distinguish between a fringing reef and a barrier reef.

 b) Describe the conditions which have favoured the development of coral reefs in East Africa.

 c) Explain the benefits of coral reefs to the people of East Africa.

 d) Outline the problems caused by the presence coral reefs in East Africa.

2) Study table2 below showing copper production in Zambia and answer the questions that follow;

Zambia copper production 1975-90 (‘000s metric tons)

|  |  |
| --- | --- |
|  **YEAR** | **Annual production (‘000s metric tons)** |
|  1975  | 676.9 |
|  1980 | 595.8 |
|  1985 | 452.6  |
|  1990 | 445.0 |

 a) Draw a line graph to show the information given in the table.

b) i) Describe the trend of copper production in Zambia between 1975 and 1990.

 ii) Identify the factors which have contributed to the trend in (b) (i) above.

c) Explain the contribution of the mining sector to the development of Zambia.

d) Outline the:

 i) Problems facing the mining sector in Zambia.

 ii) Steps being taken to solve the problem in (d) (i) above

3. Study the table below showing the average yield of cereals per hectare in Canada (1986-96) and answer the questions that follow:

|  |  |
| --- | --- |
| **Year** | **Average yield (kgs/ha)** |
| 1986 - 88 | 2,238 |
| 1988 - 90 | 2,200 |
| 1990 - 92 | 2,531 |
| 1992 - 94 | 2,566 |
| 1994 - 96 | 2,702 |

1. Draw a bar graph to show the information given in the table.
2. Describe the
3. Trend of average cereal production in Canada between 1988 and 1996
4. Conditions which have influenced the trend in b (i) above
5. Name the
6. Cereals grown in Canada
7. Important wheat export routes used by Canada
8. Port terminals along each wheat export route
9. Explain the benefits of cereal production to the people of Canada
10. Study the table below showing Germany’s imports and exports (2001) and answer the questions that follow:

|  |  |  |
| --- | --- | --- |
| **Type of commodity** | **Imports (%)** | **Exports (%)** |
| FuelsAgricultural raw materialsManufactured goodsFood Ores and metalsOthers | 080270070310 | 010189040203 |
| **Total**  | 100 | 100 |

1. Draw a pie-chart to show Germany’s imports in 2001.
2. Mention the:
3. Largest type of commodity exported from Germany
4. Smallest type of commodity imported into Germany
5. i) Name any two manufacturing centers in Germany

 ii) Describe the factors which have favoured the development of the manufacturing sector in Germany

1. Outline the conditions which have influenced the volume of Germany’s exports.