

Hilcrest High School

Trials 2014

Marks: 75

Geography Paper 2

Time: 1 ½ HRS

Examiner: C. Madeley

Instructions:

Study the topographical map and orthophoto of Worcester to answer the following questions.

Answer all the questions in the spaces provided on the question paper.

Write your name on the answer sheet.

Do not use ink on these maps or draw on them. Erase all necessary pencil working.

Students Name: _____

Question One Geographical techniques

1.1 What map projection was used to produce the orthophoto?

_____ 2

1.2 Write down the map index of the map immediately to the North east of this one. 2

1.3 Calculate the area in square kilometres covered by the orthophoto. 3

1.4 What type of aerial photograph is the orthophoto? 2

15 Name the main economic activity in the mapped area:

2

16 In which province is Worcester located?

2

Refer to the orthophoto for the following labels.

17 Suggest what type of produce is being grown at K.

2

18 Name the land uses at:

a. M- _____ 1

b. T- _____ 1

19 The south slope of Rondekop is: (write the number of the correct answer)

A- terraced

B- uniform

C- concave

D- Convex. _____

1

1.10 Name two recreational activities located in the rural urban fringe of the town of Worcester.

2

[20]

Question Two

2.1 Calculate the average gradient of the slope between Point J and the spot height on Montana farm in grid B6. 4

2.2 State the present day magnetic declination for Worcester. Suggest why it is necessary to know this figure.

2.3 Give the co-ordinates of the lowest point of the secondary road in grid block C5. 4

2.4 In which direction does the Bree rivier (river) flow? 2

2.5 Suggest e reason for the occurrence of the feature Q. 2

2.6 Discuss two impact of this feature on land use and the environment. 4

2.7 Name the channel pattern found in grid blocks D6 and E 7 of the Bree rivier. Suggest a reason for the pattern forming. 4

2.8 Describe two pieces of evidence that demonstrate the reliance of farmers on irrigation from the rivers and dams. 2

2.9 Suggest one function of the settlement of Rawsonville. (F1) 2

2.10 Name the street patterns at each of the following locations on the map. Suggest two advantages of each of the patterns. 8

Victoria Park (D9):

Panorama (B10):

2.1.1 Refer to the industrial area labelled Industria in Worcester. Is this likely to be light or heavy industry?

Supply a reason for your answer.

4

2.1.2 The people farming in the south west part of the mapped area between Wolwesberg and Louwshoek experience specific climatic effects. Name the winds these people would experience.

