STANMORE SECONDARY SCHOOL

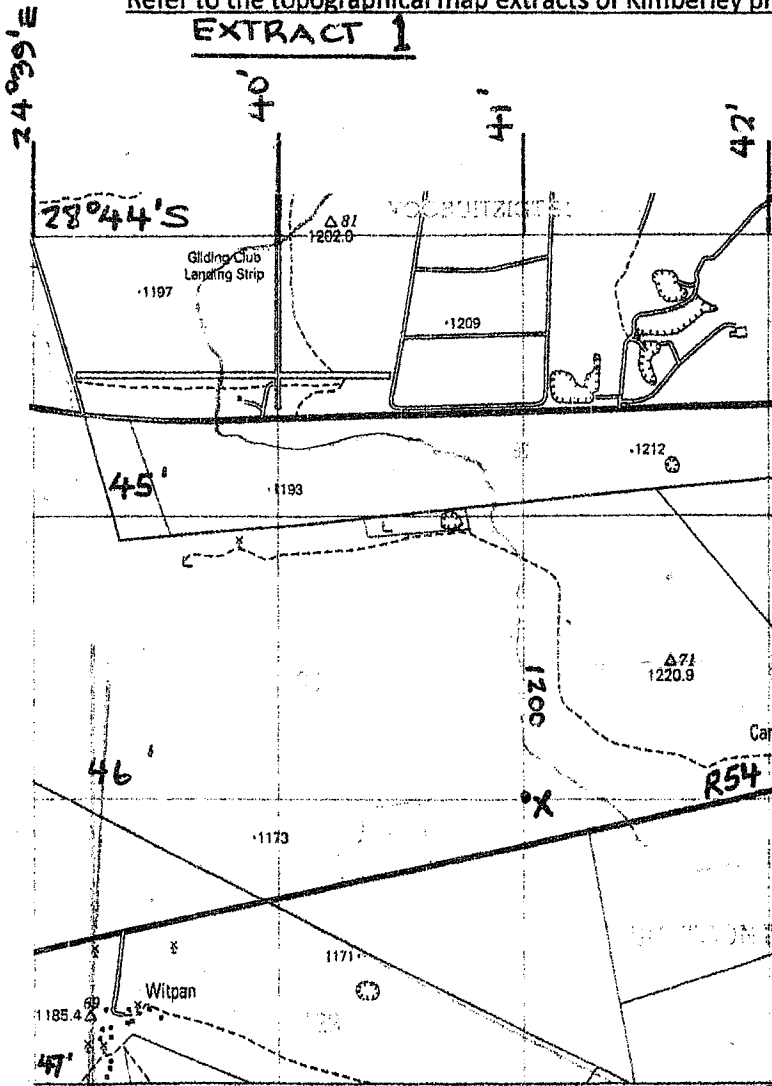# GEOGRAPHY   GRADE   10

Instructions

1. Answer all questions in the spaces provided.

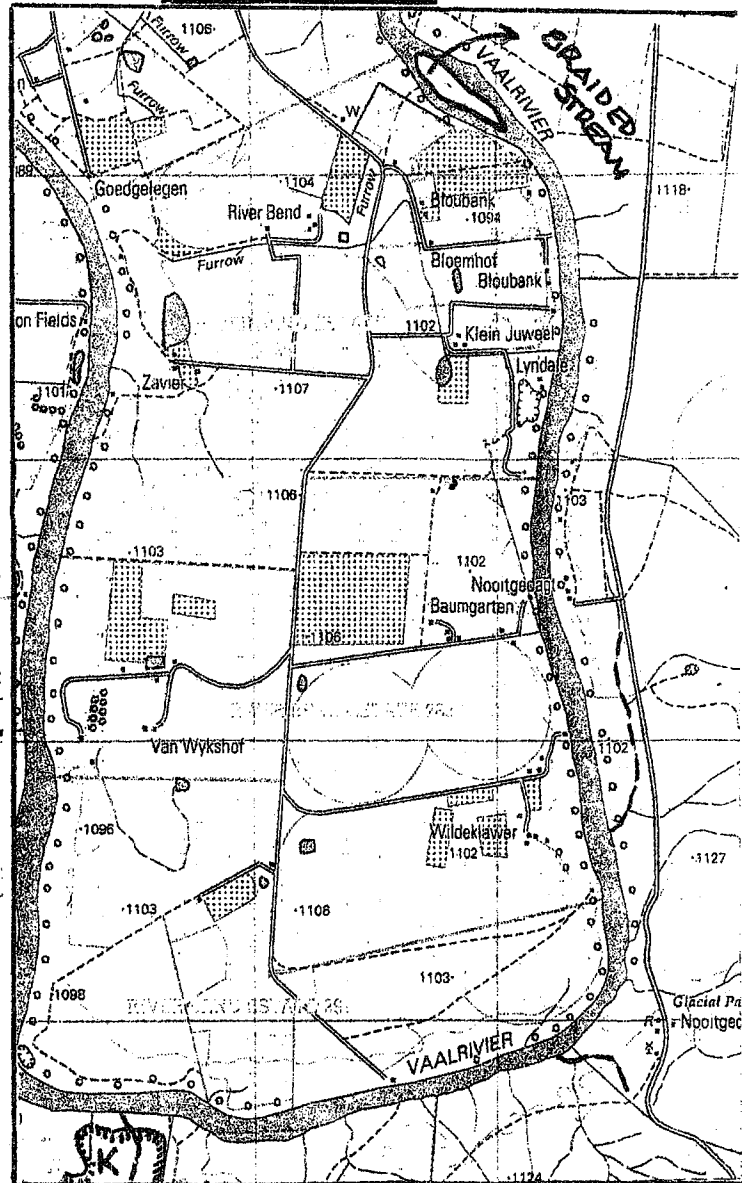2. Write neatly as marks will be deducted for untidy work.

Question 1   MAPWORK

Refer to the topographical map extracts of Kimberley provided to answer the following questions.

EXTRACT 1

EXTRACT 2

SCALE: 1 : 50 000

CONTOURS IN METRES

━━━━━ — ARTERIAL ROAD

1.1 Refer to Map Extract 1 to answer the following questions on map skills:

1.1.1   State the **direction** of △71 from △ 69.   1   _____

1.1.2   Calculate the **straight-line distance** between both trig. beacons above.   4

$$\frac{MAP \ DISTANCE \ = \ \_\_\_\_\_}{SCALE \ \ = \ \_\_\_\_\_}$$

∴ SLD   = _____

= _____

1.1.3   What is the **difference in altitude (height)** between △71 and △69?   2

_____

1.1.4   Measure the **true bearing** of △ 71 from △69.   3   _____

1.1.5   State the **height** of the Gliding Club.   2

_____

1.1.6   Provide the **grid reference** (degrees and minutes latitude and longitude) of X.   2

_____

1.1.7   The R54 is a (main, arterial or regional) road.   1   [Underline the correct answer].

1.2 Refer to Map Extract 2 to answer the following interpretative questions:

1.2.1   Is the Vaal River perennial or non-perennial? Give a reason for your answer.   3

_____   _____

_____

1.2.2   State any 2 uses of the Vaal River to the local inhabitants (people).   4

_____

_____

1.2.3   In which direction is the Vaal River flowing? How do you know?   4   _____

_____

1.2.4   The environmental problem at K is affecting farming in the region. Suggest two measures a

farmer can use to cope with this environmental problem.   4   _____

_____

[30]