Examiner's Use

(a) On a map, the height of Hillibar Station is 1047m and the height of Sular Junction is 297m. (i) Calculate the difference in these heights. 1047 - 297 = 750m Answer(a)(i) ..... m [1] (ii) The temperature falls by 1°C for every 100 m increase in height. One day the temperature in Sular Junction is 19°C. Work out the temperature at Hillibar Station. 750m x 1°C = 7.5°C 19°C - 7.5°C = 11.5°C (iii) Write 297 correct to the nearest ten. 300 Answer(a)(iii) ......[1] (iv) Write 1047 correct to the nearest hundred. // (1000 Answer(a)(iv) .....[1] (b) (i) Kim arrives at Hillibar Station at 1235. The taxi to her hotel takes 27 minutes. Work out the time Kim arrives at her hotel. 12.35 00.27+ 12,62 Answer(b)(i) 13.02 [1] = 13.02 (ii) Henry takes 17 minutes to walk from his home to Sular Junction. He must arrive there by 10 43. Work out the latest time he can leave home. 10.43 00.17-

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Answer(b)(ii) 10.26 [1]