1 Find $\sqrt{1.69}$

(Total for question 1 is 1 mark)

2 Find 1.25^2

(Total for question 2 is 1 mark)

3 Find $\sqrt{1.96 \times 2.25}$

(Total for question 3 is 1 mark)

4 Find $1.3^2 + 1.4^2$

(Total for question 4 is 1 mark)

5 Work out $(3.15 - 0.28)^2 - 4.076$

Write down all the figures on your calculator display.

(Total for question 5 is 2 marks)

6 Work out $\dfrac{3.15 + 2.8^2}{2.06}$

Write down all the figures on your calculator display.

(Total for question 6 is 2 marks)

7 Work out $\dfrac{25.4 + 1.9^3}{6.5}$

Write down all the figures on your calculator display.

(Total for question 7 is 2 marks)

8 Use your calculator to work out $\dfrac{\sqrt{12.36 - 5.12}}{2.97^2}$

(a) Write down all the figures on your calculator display. (2)

(b) Write your answer to part (a) correct to 2 decimal places. (1)

(Total for question 8 is 3 marks)

9 Work out $\sqrt{\dfrac{25.1 - 3.87}{5.23 + 2.04}}$

Write down all the figures on your calculator display.

(Total for question 9 is 2 marks)

10 (a) Find the value of $30.5^2 + 12.1^2$ (1)

(b) Find the value of $\sqrt{5.13 + 10.28} - 0.97$ (2)

(Total for question 10 is 3 marks)

11 Work out $\sqrt{12^2 + 15^2 - 54\cos(80)}$

Write down all the figures on your calculator display.

(Total for question 11 is 2 marks)

12 Use your calculator to work out $\dfrac{\sin 25^\circ + \cos 40^\circ}{\cos 25^\circ - \sin 40^\circ}$

(a) Write down all the figures on your calculator display. (2)

(b) Write your answer to part (a) correct to 2 decimal places. (1)

(Total for question 12 is 3 marks)

13 Use your calculator to work out $\sqrt{\dfrac{\tan 80^\circ + 1}{\tan 80^\circ - 1}}$

(a) Write down all the figures on your calculator display. (2)

(b) Write your answer to part (a) correct to 3 significant figures. (1)

(Total for question 13 is 3 marks)

14 Use your calculator to work out $\dfrac{12.74 + \sqrt{9.5}}{6.04 \times 4.1}$

(a) Write down all the figures on your calculator display. (2)

(b) Write your answer to part (a) correct to 2 significant figures. (1)

(Total for question 14 is 3 marks)