Use of Calculator Questions

Q1.

Work out $\dfrac{4 \times 10^9 + 3.2 \times 10^7}{1.6 \times 10^{-6}}$

Give your answer in standard form.

....

(Total for Question is 2 marks)

Q2.

Work out $\dfrac{(2.6 \times 10^7) - (5 \times 10^6)}{2.8 \times 10^{-3}}$

Give your answer in standard form.

....

(Total for question = 2 marks)

Q3.

(a) (i) Use your calculator to work out $\dfrac{\sqrt{46.2} - 17.5}{2.39 \times 0.7}$

Write down all the figures on your calculator display.

....

(ii) Give your answer to (i) correct to 3 significant figures.

....

(3)

(b) Work out $(2.34 \times 10^5) \times (5 \times 10^4)$

Give your answer in standard form.

....

(2)

(Total for Question is 5 marks)

Q4.

(a) Calculate the value of $\dfrac{\sqrt{100} - 4.5^3}{0.73}$

Give your answer correct to 3 decimal places.

....

(2)

(b) Calculate the value of $\dfrac{1.2 \times 10^3}{3 \times 10^5}$

Give your answer in standard form.

....

(2)

(Total for question = 4 marks)

Q5.

Use your calculator to work out $\dfrac{\sqrt{40.96}}{7.1 - 2.48}$

Write down all the figures on your calculator display.
  You must give your answer as a decimal.

....

(Total for Question is 2 marks)

Q6.

Use a calculator to work out

$$\dfrac{\sqrt{20.4}}{6.2 \times 0.48}$$

Write down all the figures on your calculator display.
  Give your answer as a decimal.

....

(Total for Question is 2 marks)

Q7.

$x = 0.7$

Work out the value of $\dfrac{(x+1)^2}{2x}$

Write down all the figures on your calculator display.

....

(Total for Question is 2 marks)

Q8.

Calculate the value of $\sqrt{\dfrac{\tan 60° + 1}{\tan 60° - 1}}$

Write down all the figures on your calculator display.
You must give your answer as a decimal.

....

(Total for Question is 2 marks)

Q9.

(a) Work out the value of $\dfrac{4.5 + \sqrt{10}}{3.1}$

Give your answer correct to 2 decimal places.

....

(2)

(b) Work out the value of

$$\dfrac{1}{2.5 \times 10^{-3}}$$

....

(1)

(Total for question = 3 marks)

Q10.

(a) Use your calculator to work out $\dfrac{38.5 \times 14.2}{18.4 - 5.9}$
Write down all the figures on your calculator display.
You must give your answer as a decimal.

....

(2)

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

....

(1)

(Total for Question is 3 marks)

Q11.

(a) Use your calculator to work out $\dfrac{\sqrt{7056}}{0.35 \times 12.8}$

Write down all the figures on your calculator display.

You must give your answer as a decimal.

....
(2)

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

....
(1)

(Total for Question is 3 marks)

Q12.

Use your calculator to work out $\dfrac{\sqrt{70.25}}{4.2 - 2.37}$

(a) Write down all the figures on your calculator display.
You must give your answer as a decimal.

....
(2)

(b) Write your answer to part (a) correct to 4 decimal places.

....
(1)

(Total for question = 3 marks)