O d. 0.617 Question 8 The equation $f(x)=e^{-x}-x=0$ Find the root of the function by using Fixed Answer saved point iteration method with $x_0 = 0.5$ and $\epsilon = 5\%$ Marked out of 0.25000 Select one: O a. 0.96007 O b. 0.66007 O c. 1.56007 d. 0.56007 Question 9 Determine the absolute and relative errors when approximating p by when Answer saved $p = 1.32 \times 10^2$, $p^* = 1.35 \times 10^2$ Marked out of 0.25000 Select one: Flag question O a. 25.2727% o b. 2.2727% O c. 12.2727% O d. 0.29% Question 10 Put $(11100101.1101)_2$ in single percision IEEE 754 standard. Answer saved Marked out of 0.25000 Select one: O a. 1 10000101 11001011101000000000000 O b. 0 10000101 11001011101000000000000 • c. 0 10000110 11001011101000000000000 O d. 1 10000110 110010111010000000000000 Question 11 Find a solution of $f(x) = e^x - 1.5 - \tan^{-1} x = 0$ by Newton Method for Answer saved $x_0 = -10$ and $\epsilon = 10^{-5}$ Marked out of 0.25000 Select one: O a. -12.101269 O b. -10.101269 O c. 14.101269 o d. -14.101269 Question 12 Using the fixed-point iterative method find a root of $f(x) = 4x^2 + 2x - 1$, Answer saved $\varepsilon = 0.005$ with interval [0, 1]Marked out of 0.25000 Select one: a. 0.308 O b. 1.308 O c. 0.508

O d. 0.108

Finish attempt ...