

$$\lim_{x \rightarrow 0} \frac{1 - \cos x}{x + x^2} - 118$$

(د) 1

(ج) $\frac{1}{2}$

(ب) 0

(الف) وجود ندارد

سوال ۱۱۹- اگر $f(x) = ax + \frac{b}{x}$ باشد مینیمم تابع چه مقدار است وقتی که $a > 0$ ، $b > 0$ ، $x > 0$ باشد؟

(د) $\sqrt{\frac{b}{a}}$ (ج) $\sqrt{\frac{a}{b}}$ (ب) $\frac{b}{a}$ (الف) $\frac{a}{b}$

سوال ۱۲۰- مجانب مایل تابع $f(x) = \frac{3x}{x-1} + 3x$ کدام است؟

(د) $3x+1$ (ج) $3x+3$ (ب) $3x$

(الف) 1

زبان عمومی

Part one: vocabulary

Directions: Complete the following sentences by using the most suitable word or phrases below each one.

121 . In severe combined immunodeficiency, lack of an enzyme means that toxic waste builds up inside immune system cells, killing them and thus the immune system.

a. reinforcing

b. devastating

c. realigning

d. decoding

122 . In the job market, some people might fail to be employed because of their to certain diseases that might necessitate absence from the job.

a. inclination

b. contribution

c. susceptibility

d. immunity

123 . Mild sadness and disappointment can mostly be resolved by a/n walk in nearby parks.

a. invigorating

b. demotivating

c. discouraging

d. intimidating

124 . The socially anxious individuals are recommended to professionals for help.

a. put off

b. resort to

c. refrain from

d. withdraw from

125 . The authorities are taking certain measures so that they might air pollution in large cities.

a. disgust

b. accumulate

c. abate

d. distort

126 . As the rescuers lost hope finding the missing children, they their search for them.

a. carried out

b. proceeded

c. abandoned

d. put out

127 . The of migraine is not exactly known but it is believed that genetic and extrinsic factors are involved.

a. contemplation

b. contradiction

c. analogy

d. etiology