Question 5 3 / 3 points

The ols() method in statsmodels module is used to fit a multiple regression model using "Exam4" as the response variable and "Exam1", "Exam2", and "Exam3" as predictor variables. The output is shown below. A text version is available. What is the correct regression equation based on this output and what is the coefficient of determination? Select one.

OLS Regression Results						
Dep. Variable Model: Method: Date: Time: No. Observat Df Residuals Df Model: Covariance T	Fr ions: :	Exama OLS Least Squares i, 16 Aug 2019 12:38:46 50 40 nonrobust	Adj. F-sta Prob Log-L AIC: BIC:	ared: R-squared: tistic: (F-statistic) ikelihood:):	0.178 0.125 3.329 0.0276 -169.85 347.7 355.4
	coef	std err	t	P> t	[0.025	0.975]
Intercept Exam1 Exam2 Exam3	46.2612 0.1742 0.1462 0.0575	10.969 0.120 0.078 0.053	4.217 1.453 1.873 1.085	0.000 0.153 0.067 0.284	24.181 -0.067 -0.011 -0.049	68.341 0.416 0.303 0.164
Omnibus: Prob(Omnibus Skew: Kurtosis:): 	0.886 0.642 0.290 2.868	2 Jarqu) Prob(1.530 0.738 0.691 1.41e+03

- Exam4 = 10.969 + 0.120 Exam1 + 0.078 Exam2 + 0.053 Exam3 coefficient of determination = 0.178
- Exam4 = 46.2612 + 0.1742 Exam1 + 0.1462 Exam2 + 0.0575 Exam3 coefficient of determination = 0.178
- Exam4 = 46.2612 + 0.1742 Exam1 + 0.1462 Exam2 + 0.0575 Exam3 coefficient of determination = 3.329
- Exam4 = 10.969 + 0.120 Exam1 + 0.078 Exam2 + 0.053 Exam3 coefficient of determination = 3.329