Name: _	Date:	Class #:
The purpose those above	TIONS - READ THESE! of this exam is to test your comprehension of Lab #4: Google Maps. The date is with your name (-1 point per item omitted.) You absolutely should refer to your will be double your points (exam out of 70 pts.) Thanks for reading and good lu	r code for this! Point values below sum to 35
1.	Per the lab description, which part (#) involved measuring	the distance of the line? (1 pt)
2.	Write <u>just</u> the <u>name</u> of the function from the Google Maps A long the line is: (2 pts)	API that we used to determine how
3.	For this function call to work, it required that we make a the API. What is the explicit modification we had to make written) (2 pts)	_
4.	In the function initMap() , write the single line of code t prevent a line from being created. (2 pts)	hat, if commented out, would
5.	Our general initial algorithm for saving the line was to up be updated to have a JSON representation of the lat/lng popressed a save button. It would then submit the form to a that JSON representation to a text file, and re-direct bac "&status=saved" to the URL. Write the parameter to the fun representation of the points f the line. (2 pts)	ints of the line each time we "process page" that would save to our map page, appending
6.	Mr. Merlis then discussed with the class that there exists without having to leave the webpage. This can be performed "Cross country doesn't have an X." [That was Mr. M's responsacronym that is the answer to this question.]) (1 pt)	with an call. (Hint,
7.	Write (just) the name of the JQuery function we used to pe (Hint: Its first parameter is the process page.) (2 pts)	erform this:
8.	Why did we need to declare the variable poly as a global v	variable? (3 pts)

9. Mr. Merlis showed us a PHP function that returns a random number. Write **just** a call to that function to return a random number between 1234 and 4321. (Literally **just** the call. The

result should not be printed in any fashion nor saved to any variable.) (2 pts)

10. On the process page, we have this line fwrite(\$myfile, \$txt); For this to work correctly, this process page requires that the second parameter to that function have the JSON representation of the points of the line. This page is called from within the save route() function. Below is the function call, omitting the .done() part. \$.post("save_route.php", { route: r}); If that code were changed to be \$.post("save_route.php", { line_path: r}); Write the change you would need to make on the process page: (3 pts) 11. When loading the line after we save it, it was necessary to make a slight change to the PHP representation of the saved JSON version of the line. This was accomplished with the use of a PHP string function. Write just the name of the PHP string function we used: (2 pts) 12. What change did this function have on the string? (2 pts) 13. The top of our code has this line: if(\$LOAD MAP = (!empty(\$ GET['status']) && \$ GET['status'] == "saved")) Where did we use the \$LOAD MAP variable in the code and for what purpose? (6 pts)

14. One of your classmates brought up an issue related to the filename of the saved path.

Explain what the problem is as it relates to having people use this program and describe a solution that would prevent that from being a problem. (5 pts)