INT108-2.3 Lab: Answer the following lab questions. Student Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Refer to print PR1201 drawing number 1 1/C 1180A-19 from the text book instructor package. Answer the following questions.

1.) How many surface texture symbols are there on the views of this drawing?

2.) The two face surfaces perpendicular to the axis of this part that have surface texture specification should have a surface texture of \_\_\_\_\_ microinches or smoother.

3.) For the surface texture symbols that have a horizontal bar, what does the .05 indicate?

4.) According to the lay symbols shown in the round view, should the lay on the two flat surfaces be in the same direction as the axis of the cylinder or perpendicular to the axis?

5.) What surface texture value should be applied to all surfaces not specified on the drawing views?

6.) What scale are the views on the original drawing for this print?

7.) For the untoleranced dimensions, what tolerances should be applied?

8.) What is the part name?

9.) Are there any section lines on this drawing?

10.) What type of section view is used in this drawing?

11.)  What is the pitch of the external thread?

12.) How are the threads represented?

13.) Why is the countersink hole on the right end not dimensioned?  
          
14.) There is a limit-method dimension labeled P.D. What does P.D. stand for?

15.) What is the MMC of the counterbore diameter?"

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