DCA-003-1172005   Seat No. _____

M. Sc. (Sem. II) Examination

July - 2022

MS-205 : Base SAS Programming

Faculty Code : 003
Subject Code : 1172005

Time : **2½** Hours]   [Total Marks : **70**

Answer the following questions :

1   "_Items_" is this variable name valid?

2   In a DATA step, how can you reference a temporary SAS data.
     set named Forecast? set to 1950?

3   What usually happens when an error is detected?

4   How can you tell whether you have specified an invalid option
     in a SAS program?

5   What is a SAS data library?

6   In order for the date values 05May1955 and 04Mar2046 to be
     read correctly, what value must the YEARCUTOFF= option have?

7   When a syntax error occurs?

8   What is the default length for the numeric variable?

9   Which statement prints a summary of all the files stored in the
     library named Area, 51?

10 Which time span is used to interpret two-digit year values if the YEARCUTOFF= option is

11 Sasuser.MySales files is a permanent SAS file?

12 If you want to sort data. of *finance. dividend* and create a temporary data set named Calc to store the sorted data. by account, write the following steps should you submit?

13 During the compilation phase, SAS scans each statement in the DATA step, looking for syntax errors. Which of the following is not considered a syntax error?

14 Unless otherwise directed, the DATA step executes.

15 Suppose you run a program that causes three DATA step errors. What is the value of the automatic variable _ERROR_ when the observation that contains the third error is processed?

16 Which of the following actions occurs at the end of the DATA step?

17 What does PROC PRINT display by default?

18 Which SAS statement associates the fileref Crime with the raw data file C:\States\Data\Crime?

19 Which statement identifies the name of a raw data file to be read with the fileref Products and specifies that the DATA step read only records 1-15?

20 Write the *where* statements select from a data set only those observations for which the value of the variable Style is RANCH, SPLIT, or TWOSTORY?

21 Which statement correctly re-defines the values of the variable Income as 100 percent higher?

22 Which of the following is not created during the compilation phase?

23 At the beginning of the execution phase, the value of _N_ is 1, the value of _ERROR_ is 0, and the values of the remaining variables are set to _____

24 How many characters can be used in a label?

25 By default, PROC FREQ creates a table of frequencies and percentages for which data set variables?

26 Which keyword, when added to the PROC FORMAT statement, will display all the formats in your catalog?

27 You can place the FORMAT statement in either a DATA step or a PROC step. What happens when you place the FORMAT statement in a DATA step?

28 The format JOBFMT was created in a FORMAT procedure. Which FORMAT statement will apply it to the variable Job Title in the program output?

29 The default statistics produced by the MEANS procedure are n-count, mean, minimum, maximum, and _____

30 If SAS cannot interpret syntax errors, then?

31 If you don't specify the LIBRARY= option, your formats are stored in Work.Formats, and they Exist _____.

32 Write a statement of BY – group processing which is true.

33 Which function calculates the average of the variables Var1, var2, var3, and Var4?

34 The table of contents created by the CONTENTS= option contains a numbered heading for _____

35 Which statement is false regarding the use of DO loops?

36 At the start of DATA step processing, during the compilation phase, variables are created in the program data. vector (PDV), and observations are set to _____

37 The DATA step executes _____.

38 A typical value for the character variable Target is 123,456. Which statement correctly converts the values of Target to numeric values when creating the variable TargetNo?

39 Suppose the YEARCUTOFF= system option is set to 1920. Which MDY function creates the date value for January 3, 2020?

40 The variable Address2 contains values such as Piscataway, NJ. How do you assign the two letter state abbreviations to a new variable named State?

41 SAS date values are the number of days since which date?

42 An input data file has date expressions in the form 10222001. Which SAS in format should you use to read these dates?

43 What is an example of standard numeric data?

44 Formatted input can be used to read _____.

45 Which pointer control can be used to read records non-sequentially?

46 A record that is being held by a single trailing at sign (@) is automatically released when _____ .

47 Which SAS statement repetitively executes several statements when the value of an index variable named count ranges from 1 to 50, incremented by 5 ?

48 What statement is used to read an Oracle table in a DATA step?

49 When a date value is read from a spreadsheet, it is converted automatically to a SAS date. Which SAS format is used to display the value?

50 What is the name of the output data set in the program below? Data work.us; set orion.sales; where Country='US'; run;

51 Which procedures produces output that is most useful for detecting duplicate values?

52 Which procedure can be used to view the permanent labels and formats stored in a data set?

53 What is not created during the compilation phase?

54 Which statements cannot be used in a DATA step that reads a raw data file as input?

55 Which statement is used to read a SAS data set in a DATA Step?

56 What is the name of the input data set in the program below? Data work.us; set orion.sales; where Country='US'; run;

57 By default, SAS creates character variables with a length of bytes for list input.

58 Which statements specify in-stream data, or the lines of data that you enter directly in a DATA step?

59 Which option lets you specify the number of extreme observations displayed by PROC UNIVARIATE?

60 The variable Address2 contains values such as Piscataway, NJ. How do you assign the two letter state abbreviations to a new variable named State?

61 The variable ID Code contains values such as 123FA and 321MB. The fourth character identifies sex. How do, you asssign these character codes to a new variable named Sex?

62 In the INPUT statement, what is the syntax used to move the input pointer to a specified column?

63 Which function returns the greatest integer less than or equal to the argument?

64 Which functions can convert the values of the numeric variable *Level* to character values?

65 Which functions can convert the values of the character values of *Base* to *numeric* values?

66 The format JOBFMT was created in a FORMAT procedure. Which FORMAT statement will apply it to the variable JobTitle in the program output?

67 Which function calculates the average of the variables Var1, Var2, Var3, and Var4?

68 Which procedure enables management of a SAS catalog?

69 In which location can you not use a FORMAT?

70 Suppose the YEARCUTOFF= system option is set to 1920. Which MDY function creates the date value for January 3, 2020?