NCG-003-1172005   Seat No. _____

M. Sc. (Statistics) (Sem. II) (CBCS) Examination

April / May - 2017

MS - 206 : Base SAS Programming

Faculty Code : 003

Subject Code : 1172005

Time : $2\frac{1}{2}$ Hours]   [Total Marks : **70**

Instructions : (1)   Attempt all questions.

(2)   Each question carries equal marks.

Answer the following questions :   **70**

1   How many characters can be used in a label?

2   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?

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

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

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

6   Which statement will limit a PROC MEANS analysis to the variables Boarded, Transfer, and Deplane?

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

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

9 If ODS is set to its default settings, what types of output are created by the code below?
ods html file='c:\myhtml.htm';
ods pdf file='c:\mypdf.pdf';

10 What is the purpose of closing the Listing destination in the code shown below?
ods listing close;
ods html...;

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

12 How many statements are in the data step?
Data work.sale;
     Length first $ 20;
     Infile ⬚file-specification⬚;
     Run;

13 /* comment*/ will be used to comment the SAS text?

14 proc contents data = employee;Run;
What output would you get?

15 SAS names can be 32 characters long. Yes or No

16 What is the result of the assignment statement given the values of a and b?C = a+b/2;
Where a=. and b=19;

17 There are 170 observations and 3 variables in sasuser.student. If you submitted the following program, what would be the resultant data set?
     Data work.student; Set sasuser.student; Run;

18 Sasuser.My Sales files is a permanent SAS file?

19 In a DATA step, how can you reference a temporary SAS data set named Forecast?

20 What is the default length for the numeric variable ?

21 What is a SAS data library?

22 In order for the date values 05 May 1955 and 04Mar2046 to be read correctly, what value must the YEARCUTOFF = option have?

23 Which statement prints a summary of all the files stored in the library named Area51 ?

24 Which time span is used to interpret two-digit year values if the YEARCUTOFF = option is set to 1950?

25 What does the following statement do?
    libnameosirisspss 'c:\myfiles\sasdata\data';

26 What usually happens when an error is detected?

27 When a syntax error occurs ?

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

29 Following statements will store your formats in a permanent catalog?
    libnamelibrary'c:\sas\formats\lib'; format lib = library ...;

30 What does PROC PRINT display by default?

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

32 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?

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

34 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?

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

36 Unless otherwise directed, the DATA step executes.

37 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 _____

38 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?

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

40 If SAS cannot interpret syntax errors, then ?

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

42 If you submit the following program, which variables appear in the new data set?
datawork.cardiac (drop = age group);
    setclinic.fitness (keep = age weight group);
    if group = 2 and age>40;
    run;

43 What is the result of submitting the following program?
datawork.addtoend;
    set clinic.stress2 end = last;
    iflast;run;

44 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 _____

45 The DATA step executes _____

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

47 Within the data set Hrd.Temp, PayRate is a character variable and Flours is a numeric variable.

48 What happens when the following program is run?
datawork.temp;
    sethrd.temp;
    Salary = payrate*hours; run;

49 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?

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

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

52 The variable IDCode contains values such as 123FA and 321 MB. The fourth character identifies sex. How do you assign these character codes to a new variable named Sex?

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

54 In the data set Work.Invest, what would be the stored value for Year?
datawork.invest;
do year = 1990 to 2004;
Capital + 5000; capital + (capital*.10); end; run;

55 Select the DO WHILE statement that would generate the same result as the program below.
data work. invest
        capital = 100000
do until(Capital gt 500000); Year + 1; capital + (capita!*.10); end; run;

56 What belongs within the braces of this ARRAY statement?
arraycontrib{?} qtr1-qtr4;

57 Based on the ARRAY statement below, select the array reference for the array element q50. array ques{3,25} q1-q75;

58 Formatted input can be used to read _____

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

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

61 The minimum width of the TIMEw. informat is _____

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

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

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

65   statementcan not begin and end in any column, this statementwill be false regarding syntax rule?

66   The datalines statement is used when reading data located directly in the program. Yes or No

67   How many observations and variables does the data set below contain?

Name	Sex	Age
Picker	M	32
Fletcher		28
Romano	F	.
Choi	M	42

68   What type of variable is the variable AcctNum in the data set below?

AcctNum	Balance
3456_1	M
2451_2	
Romano	F
Choi	M

69   "Items" is this variable names valid?

70   Maddy.MySales files is a permanent SAS file?

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