SAS Institute

Exam A00-281

Clinical Trials Programming Using SAS 9 – Accelerated Version

Verson: Demo

[Total Questions: 10]

Question No : 1

A SAS program is submitted and the following log is written.

```
893 data WORK.CHECKVISITS;
894   set WORK.VISITS(keep=PATID VISDT0 VISDT1 VISDT2 VISDT3 VISDT4);
895   array VISDT(1:4);
896   do i=1 to 4;
897     if VISDT(i) ?VISDT(i-1) gt 10 then output;
898   end;
899 run;

ERROR: Array subscript out of range at line 897 column 21.
```

What is the cause of this error message?

A. The ARRAY declaration is syntactically incorrect.
B. The IF statement is syntactically incorrect.
C. The DO loop tries to get a value from a variable which does not exist.
D. The IF statement tries to get ARRAY elements which are not declared.

Answer: D

Question No : 2 CORRECT TEXT

This question will ask you to provide a line of missing code.

You want to present a column header that contains breaks within the header as indicated below.

```
                    Period 2
     Subject        Treatment            Date
```

Given the following program:

```
proc report data=treatment <insert code here>;
  column subject trt sdate ;
  define subject / 'Subject' ;
  define trt   / 'Period 2*Treatment' ;
  define sdate / 'Date' ;
run;
```

In the space below, enter the option that completes the program (Case is ignored. Do not add leading or trailing spaces to your answer).

```
┌─────────────────────────────────────────────────────────────────────┐
│                                                                     │
└─────────────────────────────────────────────────────────────────────┘
```

Answer:

SPLIT='*';,SPLIT="*";,SPLIT='*',SPLIT="*",SPLIT='*';,SPLIT="*";,SPLIT='*',SPLIT="*",SPLIT='*';,SPLIT="*";,SPLIT='*',SPLIT="*",SPLIT='*';,SPLIT="*";,SPLIT='*',SPLIT="*"

Question No : 3

A Statistical Analysis Plan describes a clinical trial as "A 12 week, double-blind, placebo-controlled, randomized, multi-center study." Double-blind refers to which groups in this study?

A. treatment and control group
B. investigator and subjects
C. statistician and sponsor
D. sponsor and investigator

Answer: B

Question No : 4

Which validation technique involves two programmers writing separate programs to produce the same output, then comparing the result?

A. Independent Programming
B. Peer Matching
C. Identical Programming
D. Peer Review

Answer: A

Question No : 5

The VISIT data set is multiple records per subject, sorted by usubjid vistdtc vistm and contains the following variables:

#	Variable	Type	Len
3	VISITNUM	Char	3
1	VISTDTC	Char	19
2	VISTM	Char	5
4	usubjid	Num	8

The DEATH data set is one record per subject, sorted by usubjid vistdtc vistm and contains the following variables:

#	Variable	Type	Len
3	DHREFID	Char	5
4	DHTERM	Char	200
1	VISTDTC	Char	19
2	VISTM	Char	5
5	usubjid	Num	8

Which program will combine the DEATH and VISIT data sets by matching records?

A.
data data_1;
merge death visit;
by usubjid vistdtc vistm;
run;
B.
data data_1;
merge death visit;
run;
C. data data_1;
set death visit;
by usubjid vistdtc vistm;
run;
D.
data data_1;
merge death visit;
by usubjid vistm vistdtc;
run;

Answer: A

Question No : 6

You have acquired an existing program from a coworker which uses a macro. It is not immediately clear to you what this macro is doing. Which OPTION can be used to put the SAS statements generated by the macro execution into the LOG?

A. MPRINT
B. SYMBOLGEN
C. MLOGIC
D. MRECALL

Answer: A

Question No : 7

Given the SAS data set WORK.BP

```
subjid SBP   DBP
------ ---   ---
01562  145   92
02457  130   87
03489  117   78
01598  135   85
02678  145   79
```

The following SAS program is submitted:

```
data
    WORK.HIGHBP
    WORK.NORMBP
    WORK.INVESTBP;
  set WORK.BP;
  if SBP gt 140 and DBP gt 90 then output WORK.HIGHBP;
  if SBP lt 120 and DBP lt 80 then output WORK.NORMBP;
  else output WORK.INVESTBP;
run;
```

What is the result?

A.
WORK.HIGHBP has 1 observation

WORK.NORMBP has 1 observation

WORK.INVESTBP has 3 observations

B.

WORK.HIGHBP has 1 observation

WORK.NORMBP has 1 observation

WORK.INVESTBP has 4 observations

C.

WORK.HIGHBP has 1 observation

WORK.NORMBP has 1 observation

WORK.INVESTBP has 2 observations

D.

WORK.HIGHBP has 2 observations

WORK.NORMBP has 2 observations

WORK.INVESTBP has 3 observations

Answer: B

Question No : 8

Given the following data set WORK.DM:

```
subject   ge    sex    race    cbp
001       24    M      WH      NA
002       53    F      BL      YES
003       36    F      AS      NO
004       62    M      BL      YES
005       25    F      WH      YES
006       80    F      MU      NA

        Note: cbp = Child Bearing Potential
```

The following SAS program is submitted:

```
data _null_ ;
  set WORK.DM ;

  if sex = "M" and cbp ne "NA" then put "CHECK: " subject= sex= cbp= ;
  else if sex = "F" and cbp eq "NA" then put "CHECK: " subject= sex= cbp= ;

run ;
```

Which subjects will appear in the LOG file?

A. 001 and 004

B. 001 and 006

C. 003 and 004

D. 004 and 006

Answer: D

Question No : 9

Which SAS program will apply the data set label 'Demographics' to the data set named DEMO?

A.
data demo (label='Demographics');
set demo;
run;
B.
data demo;
set demo (label='Demographics');
run;
C.
data demo (label 'Demographics');
set demo;
run;
D.
data demo;
set demo;
label demo= 'Demographics';
run;

Answer: A

Question No : 10 CORRECT TEXT

Which CDISC filename contains the following items?

• Variable attributes

• Controlled terminology

• Computational methods

Enter your answer in the space below (Case is ignored. Do not add leading or trailing spaces to your answer.).

Answer: DEFINE.XML,DEFINE.PDF,DEFINE