SAS Institute

Exam A00-280

Clinical Trials Programming Using SAS 9

Verson: Demo

[Total Questions: 10]

Question No : 1

Which statement correctly describes an aspect of a Phase II clinical trial?

A. randomized controlled multicenter trials on large patient groups
B. designed to assess the pharmacovigilance, pharmacokinetics, and pharmacodynamics of a drug
C. in vitro and in vivo experiments using wide-ranging doses of the drug
D. designed to assess how well the drug works

Answer: D

Question No : 2

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 : 3

Given the following output from the TTEST Procedure: Variable:

Variable: fastgluc

N	Mean	Std Dev	Std Err	Minimum	Maximum
6	7.6517	0.4999	0.2041	6.9500	8.3700

Mean	95% CL Mean		Std Dev	95% CL Std Dev	
7.6517	7.1270	8.1763	0.4999	0.3121	1.2262

DF	t Value	Pr > |t|
5	37.49	<.0001

What is the t-test p-value?

A. 0.3121
B. <.0001
C. 37.49
D. 0.2041

Answer: B

Question No : 4

Define.xml is an XML-based submission of a clinical study's:

A. results
B. metadata
C. data
D. protocol

Answer: B

Question No : 5

Given the file sites.csv:

```
Investigator Name,State,Specialty,Visit Fee
"Jones, Thomas",NJ,Pediatrics,80
"Smith, Mary",NJ,Gynecology,120
"Kumar, Sanjay",DE,Pediatrics,85
```

A SAS program is submitted and produces the following log entry:

```
1    data xsites ;
2       infile 'sites.csv' dlm=',' dsd ;
3       input investigator_name $ state $ specialty $ visit_fee ;
4    run ;

NOTE: The infile 'sites.csv' is:
      File Name=C:\SAS Exam\Data\sites.csv,
      RECFM=V,LRECL=256

NOTE: Invalid data for visit_fee in line 1 35-43.
RULE:     ----+----1----+----2----+----3----+----4----+----5----+----6----+----7----
1         Investigator Name,State,Specialty,Visit Fee 43
investigator_name=Investig state=State specialty=Specialt visit_fee=. _ERROR_=1 _N_=1
NOTE: 4 records were read from the infile 'sites.csv'.
      The minimum record length was 32.
      The maximum record length was 43.
```

Which option would you need to add to the INFILE statement to clear the notes from this log?

A. firstobs=2
B. missover
C. lrecl=2
D. start=2

Answer: A

Question No : 6

A Statistical Analysis Plan (SAP) defines the selection process for baseline records. This instructs the programmer to choose the last non-missing analyte value prior to first study drug administration (date/time).

The DEMO data set contains the date/time of first study drug administration for subject:

STYSID1A	RFSTDTTM
0001_0001	19970109:08:32

The LABRS data set contains the lab data assessments:

STYSID1A	LBDTTM	HBA1C	GLUC	SGOT	SGPT
0001_0001	19961216:09:26	5.1	125	32.2	29.1
0001_0001	19961223:08:18	6.1	136	34.1	30.1
0001_0001	19961230:09:12	8.1	225	31.8	29.5
0001_0001	19970106:09:01	6.7	158	.	29.7
0001_0001	19970110:08:43	6.6	150	30.5	30.2

What will be the resulting baseline values, as selected per the SAP instructions?

A.

HBA1C	GLUC	SGOT	SGPT
5.1	125	32.2	29.1

B.

HBA1C	GLUC	SGOT	SGPT
8.1	225	31.8	29.5

C.

HBA1C	GLUC	SGOT	SGPT
6.6	150	30.5	30.2

D.

HBA1C	GLUC	SGOT	SGPT
6.7	158	31.8	29.7

A. Option A
B. Option B
C. Option C
D. Option D

Answer: D

Question No : 7

Which name is a valid SAS V5 variable name?

A. _AESTDTC
B. AESTARTDTC
C. AE-STDTC
D. AE_START_DTC

Answer: A

Question No : 8

You want to calculate the p-value of Fisher's exact test for a 3x3 table. Which option must you add to the TABLES statement of PROC FREQ?

A. CHISQ
B. CMH

C. EXACT
D. EXPECTED

Answer: C

Question No : 9

Given the following demographic dataset:

DEMO

subject	trt	age	gender	race	site
01002	A	28	MALE	BLACK	01
06003	B	18	MALE	HISPANIC	06
04001	B	24	FEMALE	CAUCASIAN	04
02003	A	14	FEMALE	CAUCASIAN	02
06005	A	20	MALE	BLACK	06
01004	B	13	MALE	CAUCASIAN	01

Which program will generate a report where observations will appear in order by SITE SUBJECT and display column headers for each variable defined in the column statement?

A.
```
Proc Report ;
column site subject trt age gender race ;
define site/'Site', subject/'Subject',
trt/'Treatment', age/'Age', gender/'Gender',
race/'Race' ;
run;
```
B.
```
Proc Report ;
column site subject trt age gender race ;
define site, subject, trt, age, gender, race ;
by site subject ;
title 'Site Subject Treatment Age Gender Race' ;
run;
```
C.
```
Proc Report ;
column site subject trt age gender race ;
define site/order 'Site' ;
define subject/order 'Subject' ;
define trt/'Treatment' ;
define age/'Age' ;
```

define gender/'Gender' ;
define race/'Race' ;
run;

D.

Proc Report ;
column site subject trt age gender race ;
define site/order style(header)={'Site'} ;
define subject/order style(header)={'Subject'} ;
define trt/style(header)={'Treatment'} ;
define age/style(header)={'Age'} ;
define gender/style(header)={'Gender'} ;
define race/style(header)={'Race'} ;
run;

Answer: C

Question No : 10

The following SAS program is submitted:

```
proc univariate data=WORK.STUDY;
  by VISIT;
  class REGION TREAT;
  var HBA1C GLUCOSE;
run;
```

You want to store all calculated means and standard deviations in one SAS data set.

Which statement must be added to the program?

A. output mean std;
B. ods output mean=m1 m2 std=s1 s2;
C. output out=WORK.RESULTS mean=m1 m2 std=s1 s2;
D. ods output out=WORK.RESULTS mean=m1 m2 std=s1 s2;

Answer: C