

#1

EDIT



Inspection = process of trying to find defects in source code only. (25XP)

Correct Answer:

True

False

#2

EDIT



Select all the elements that are related to: Equivalence partitioning (25XP)

ANSWER CHOICE

A

to partition the input domain of a program

B

to partition the output domain of a program

#3

EDIT



Select all the elements that are related to: predicate coverage (25XP)

ANSWER CHOICE

A

a path is executed under all possible conditions

B

all paths are executed under all possible conditions

C

all possible combinations of false values of the conditions affecting a selected path

D

all possible combinations of truth values of the conditions affecting a selected path

#4

EDIT



Tester involve in phase(s) of software development life cycle. (25XP)

ANSWER CHOICE

A

Testing

B

Requirement

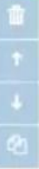
C

All Phases of software development

#4

Tester involve in phase(s) of software development life cycle. (25XP)

EDIT



ANSWER CHOICE

- | | |
|---|------------------------------------|
| A | Testing |
| B | Requirement |
| C | All Phases of software development |

#5

An input field takes a year of birth between 1900 and 2004 inclusive. The boundary values for testing this field are: (50XP)

EDIT



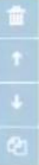
ANSWER CHOICE

- | | |
|---|------------------------------------|
| A | 0, 1900, 2004, 2005 |
| B | 1900, 2004 |
| C | 1899, 1900, 1901, 2003, 2004, 2005 |
| D | 1899, 1900, 2004, 2005 |

#6

Select the test cases for Decision coverage for the following statement: if (a<5) && (b>=5) then ... (50XP)

EDIT



ANSWER CHOICE

- | | |
|---|---|
| A | TC_1 (a=5, b=6), TC_2 (a=2, b=6) |
| B | TC_1 (a=5, b=6), TC_2 (a=2, b=6), TC_3 (a=2, b=2) |
| C | TC_1 (a=2, b=6) |
| D | TC_1 (a=2, b=2), TC_2 (a=2, b=6) |

Explanation:

TCS for: decision evaluated to TRUE and decision evaluated to FALSE, so either A or C.

A	0, 1900, 2004, 2005
B	1900, 2004
C	1899, 1900, 1901, 2003, 2004, 2005
D	1899, 1900, 2004, 2005



#6

EDIT

Select the test cases for Decision coverage for the following statement: If $(a \leq 5) \&\& (b > 5)$ then ... (50XP)

ANSWER CHOICE

A	TC_1 ($a=5$, $b=6$), TC_2 ($a=2$, $b=6$)
B	TC_1 ($a=5$, $b=6$), TC_2 ($a=2$, $b=6$), TC_3 ($a=2$, $b=2$)
C	TC_1 ($a=2$, $b=6$)
D	TC_1 ($a=2$, $b=2$), TC_2 ($a=2$, $b=6$)

Explanation:

TCs for: decision evaluated to TRUE and decision evaluated to FALSE, so either A or C.



#7

EDIT

Comment: Software testing is a risk-based exercise. (100XP)

