**USP LAB**

**WEEK 6**

1. In the shell, by default, all variables are considered and stored as  
   a) string  
   b) integer  
   c) character  
   d) float
2. Which command reads user input from the terminal and assign this value to a variable name?  
   a) read  
   b) get  
   c) declare  
   d) set
3. Which one of the following statement is true about variables in shell?  
   a) variables do not require declaration before assigning value to them  
   b) variables are case sensitive  
   c) to extract the contents of a variable, we have to provide the variable a preceding $  
   d) all of the mentioned
4. Which one of the following is not a valid shell variable?  
   a) \_mozhi  
   b) mozhi\_2  
   c) \_mozhi\_2  
   d) 2\_mozhi
5. To redefine a variable, it can be removed from the list of variables by using the command  
   a) unset  
   b) delete  
   c) remove  
   d) clear
6. What is the output of this program?

*#!/bin/bash*

var1=10

$var1=20

**echo** $var1

**exit** 0

1. program will print 10
2. program will generate a warning message
3. program will print 20
4. program will print 10 & generate an error message
5. What is the output of this program?

*#!/bin/bash*

san\_var=hello

**readonly** san\_var

san\_var=hi

**echo** $san\_var

**exit** 0

1. Hello
2. Hi
3. nothing will print
4. none of the mentioned
5. What is the output of this program?

*#!/bin/bash*

san\_var=10

**echo** "the value of **\"**san\_var**\"** is $san\_var"

**exit** 0

1. the value of “san\_var” is 10
2. the value of is 10
3. the value of san\_var is $san\_var
4. the value of “san\_var” is $san\_var
5. What is the output of the following code:

os=Unix

**echo** 1.$os 2."$os" 3.'$os' 4.$os

a) 1.Unix 2.Unix 3.Unix 4.Unix

b)1.Unix 2.Unix 3.$os 4.Unix  
c) 1.Unix 2.Unix 3.Unix 4.$os  
d) 1.Unix 2.$os 3.$os 4.$os

1. What is the output of the following program?

x = 3; y = 5; z = 10;

**if** **[(** $x -eq 3 **)** -a **(** $y -eq 5 -o $z -eq 9 **)]**

**then**

**echo** $x

**else**

**echo** $y

**fi**

a) 1  
b) 3  
c) 5  
d) Error

**Answers**

1. **A**
2. **A**
3. **D**
4. **B**
5. **A**
6. **D**
7. **A**
8. **A**
9. **B**
10. **B**

**Answers**

1. **A**
2. **A**
3. **D**
4. **B**
5. **A**
6. **D**
7. **A**
8. **A**
9. **B**
10. **B**

**Answers**

1. **A**
2. **A**
3. **D**
4. **B**
5. **A**
6. **D**
7. **A**
8. **A**
9. **B**
10. **B**