Quiz Questions

1. A bash shell script should begin with which two characters?

   (a) A. /!
   (b) B. #! (hash exclamation mark)
   (c) C. %%
   (d) D. #/

   Correct answer: **B. #! (hash exclamation mark)**

2. Which of the following is a correct interpreter directive for bash?

   (a) A. #!/etc/bash
   (b) B. #!/bin/bash
   (c) C. #!/bin/sh
   (d) D. #!/home/jokane/bin/bash

   Correct answer: **B. #!/bin/bash**

3. What is the purpose of the special variables 1,2, ...?

   (a) A. To refer to the previous commands executed in the shell
   (b) B. To refer to arguments given on the command line to a script
   (c) C. To refer to the parent directories of the current directory
   (d) D. To refer to the other users logged in to the system

   Correct answer: **B. To refer to arguments given on the command line to a script**

4. Which of these commands prints the value of the variable QUUX?

   (a) A. show QUUX
   (b) B. echo $QUUX
   (c) C. echo QUUX
   (d) D. cat $QUUX

   Correct answer: **B. echo $QUUX**

5. Which of the following steps is not necessary to make a file containing commands usable as a bash shell script?

   (a) A. Compiling the file into an executable using a bash compiler.
   (b) B. Putting the file in a place where the shell can find it.
   (c) C. Making the file executable.
   (d) D. Specifying the interpreter using an interpreter directive.

Correct answer: **A. Compiling the file into an executable using a bash compiler.**

6. Which of these commands assigns a value to the shell variable FOO?

   (a) A. FOO=bar
   (b) B. bar -¿ foo
   (c) C. bar-¿foo
   (d) D. foo =bar

   Correct answer: **A. FOO=bar**

7. Which environment variable contains a list of directories that should be searched for programs to execute?

   (a) A. SHELL
   (b) B. SEARCH
   (c) C. PWD
   (d) D. PATH

   Correct answer: **D. PATH**

8. Which of the following commands declares that the variable QUUZ should be available to subprocesses launched by this shell?

   (a) A. subproc QUUZ
   (b) B. global QUUZ
   (c) C. export QUUZ
   (d) D. shipout QUUZ

   Correct answer: **C. export QUUZ**

9. Which of the following shell features can be used in a shell script?

   (a) A. pipes
   (b) B. output redirection
   (c) C. input redirection
   (d) D. all of the above

   Correct answer: **D. all of the above**

10. The PATH variable is a list of directories, separated by:

    (a) A. periods (.)
    (b) B. commas (,)
    (c) C. colons (:)
    (d) D. semicolons (;)

    Correct answer: **C. colons (:)**