Filters Using Regular Expressions

1. Define grep. what are the options available in grep? give examples for each.
2. What is BRE? what are the wild-cards available in BRE, Give example for each.
3. Define following with an example
    a. ^
    b. $
    c. +
    d. ?
4. Write a short note on multiple pattern matching.
5. Explain sed- The Stream Editor.
6. write a short note on:
    a. IRE
    b. TRE

PERL

1) What is PERL? Write a simple program in Perl script to convert temperature from degree to Fahrenheit.
2) Write a short note on strings in PERL.
3) Define following
    (a) $_
    (b)   <>
    (c)   @
    (d)   @_
4) How to creation and manipulation of arrays can be done in Perl, explain with program.
5) Explain following functions in Perl
    (a)   shift
    (b)   unshift()
    (c)   push()
    (d)   pop()
    (e)   join()
    (f)   splice()
6) Write a PERL program to convert decimal number to binary.
7) With examples explain the usage of regular expression in PERL.
8) Write a short note on file handling in PERL