Digital Communication I

Define a resource in a digital communication system as anything whose use by one instance of communication prevents simultaneous use by another. Channel capacity is one example.

(a) Give two more examples of resource in digital communication systems. [4 marks]

(b) For the three resources, indicate how the amount of total resource can be increased. [6 marks]

(c) How are allocations of each of these resources to instances of communication performed? [10 marks]