## **Question 7:**

Write a regular expression for each of the following sets of binary strings:

- Contains at least three consecutive 1 s
- Contains the substring 110
- Contains the substring 1101100
- Does not contain the substring 110

## **Solution:**

- .\*111.\*
- .\*110.\*
- .\*1101100.\*
- [(0|1)\*.1\*]