**Chapter 4: More Complex Decision Making**

**[A]**

**(a!=6 && b>5) 1**

**a==9 || b<3 0**

**!(a<10) 1**

**!(a>5 && c) 1**

**5 && c!=8 ||! c 1**

**[B]**

**(a) Dean of students affairs**

**(b) w=1 x=0 y=1 z=1**

**(c) biggest=45**

**(d) Some random value because here num has not been initialised and instead is directly compared**

**(e) 30**

**[C]**

**(a) No such word as ‘or’ in c, instead use ||**

**(b) Two ifs can’t be written like this, instead if should be if (i=5 && j=10)**

**No error would be produced but the output would always be “Have a nice day”, since ‘=’ has been used instead of ‘==’**

**(c) No such word as ‘and’ in c, instead use &&**

**(d) Semicolon should not be there after if**

**(e) No error**

**(f) j=10 and j=15 should be in parenthesis.**

**(g) There should be a colon and a statement to complete the ternary operator.**

**(h) Semicolon should not be written in the ternary operator.**