PRACTICAL ON BREAST PATHOLOGY

Q 1 Each of the following statements below is a microscopic appearance. For each one, select the most likely option from the list of below.

Statements:

1. It is composed of loose myxoid stroma containing cluster of small acini, lined by two layers of cells: inner epithelial and outer myoepithelial cells.
2. These are the smallest ducts, present within the lobules.
3. The items 1 & 2 together are called
4. This is composed of dense fibrous tissue and fat.
5. These are present in the fibrous stroma, they are larger than acini but are also lined by a double cell layer.
6. These cells are positive for smooth muscle actin and p63 immunostaining.

List of options:

A. Interlobular ducts

B. Lobules

C. Myo-epithelial cells

D. Interlobular stroma

E. Terminal ducts

F. Terminal duct lobular unit

**Q 2.** Label the photograph No.1 for the following:

1. Lobule
2. Acini
3. Terminal duct
4. Interlobular stroma
5. Interlobular duct

**Q 3.** Label the photograph No. 2 and 3 for myoepithelial cells.

**Q 4**. Photograph No. 4 shows fibroadenoma. Label the following in this photograph:

1. Capsule
2. Epithelial component
3. Mesenchymal component

**Q 5**. Photograph No. 5 shows ductal carcinoma. Label the following in this photograph:

1. In-situ component
2. Invasive component

**Q 6.** Photograph No. 6 shows lobular carcinoma. Label the following in this photograph:

1. In-situ component
2. Invasive component