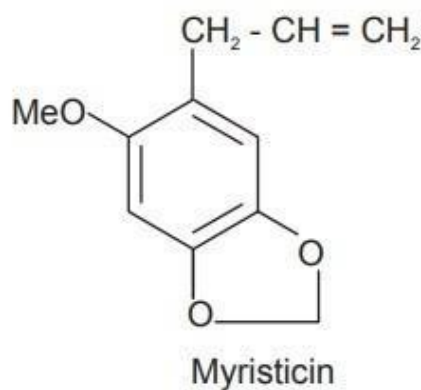
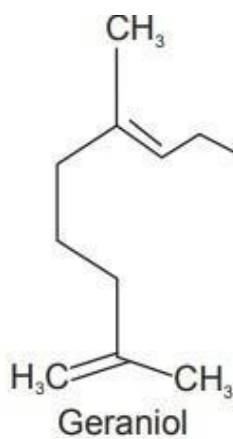
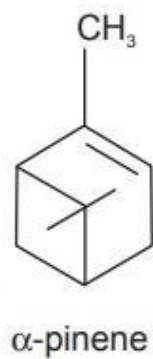
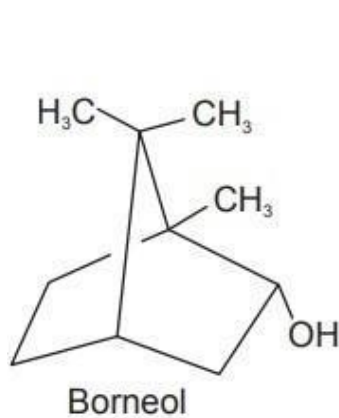
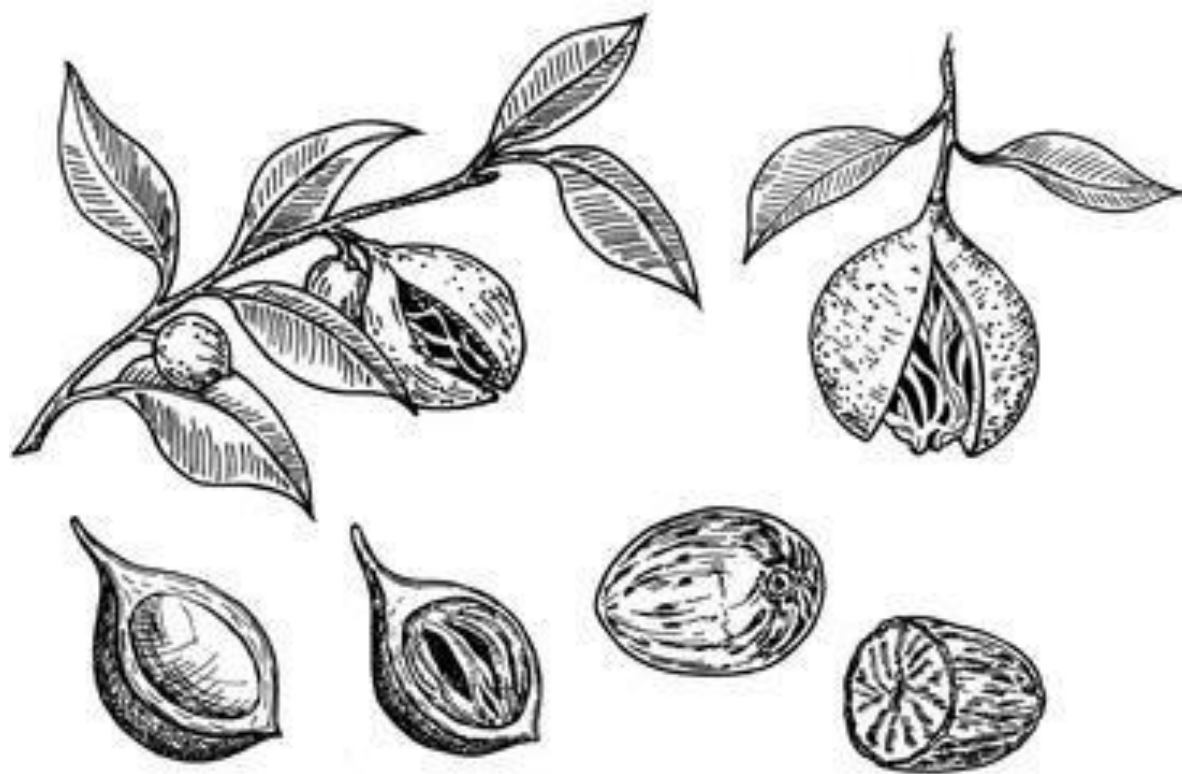


**NUTMEG**



**Practical -7**

Date: .../.../.....

**MORPHOLOGY OF NUTMEG**

**Aim:** To identify the morphological characters of given organised drug.

**Reference:**.....  
.....

**Requirements:**.....

**Synonyms:** Myristica, Nux moschata

**Biological Source:** It consists of dried kernels of seed of *Myristica Fragrans* Houtt.

**Family:** Myristicaceae

**Morphological characteristics (Nutmeg Seed):**

S. No.	Morphological Character	Observation
1	Colour	
2	Odour	
3	Taste	
4	Shape	
5	Size	
6	Extra features	

**Chemical constituents:**

- It contains 5-16% of volatile oil and 30 % fat.
- Volatile oil contains 4 to 8 % myristicin, elimicin and saffrole.
- Fatty acid consists of fixed oil such as, myristic acid (60%), oleic acid, lauric acid and other acids.

**Uses:**

- Stimulant
- Aromatic
- Carminative
- Flavouring agent
- Used in soap industry

**Report:** The given organised drug was identified as.....

## Questions Bank

1. What is the order of Nutmeg?
2. Write the biological source of Nutmeg.
3. What are the uses of Nutmeg?
4. Write the name of chemical constituent of Nutmeg.
5. What is the fixed oil?
6. Write a note on morphological characters of Nutmeg.
7. What is Hindi name of Nutmeg?
8. Draw the chemical structure of myristicin.
9. Write the one chemical test for Nutmeg.
10. Paste the one marketed preparation of Nutmeg.