



**JBQ-161250701030500** Seat No. \_\_\_\_\_

**Master of Pharmacy Management (Sem. III)  
(CBCS) Examination**

**January – 2020**

**Pharmacognosy-II**

Time : 3 Hours]

[Total Marks : 80

**Instructions :**

- (1) Attempt three questions from each section.
- (2) Questions 1 and 5 are compulsory.
- (3) Figure to the right indicates full marks for the respective question.

**SECTION-I**

**1** Answer the following questions. (Any SEVEN) **14**

- (1) Differentiate Fat and Wax with examples.
- (2) Write biological source and uses of cod liver oil.
- (3) Write the biological source and chemical constituents of olive oil.
- (4) Give the two identification tests for Mentha.
- (5) Write biological source and chemical constituents of lemon grass oil.
- (6) Justify comment : Fennel contains more volatile oil than coriander.
- (7) Write biological Source and uses of Tulsi.
- (8) Write the biological source and chemical constituents of shark liver oil.
- (9) Write the Biological source and uses of saffron.
- (10) Differentiate light Kaolin and heavy kaolin.

**2** (1) Define Volatile oils. Give the classification of volatile oils. Write a pharmacognostic note on Neelgiri oil. **7**

(2) Write biological source, chemical constituents, cultivation & collection and uses of Gaultheria. **6**

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| <b>3</b> | (1) Write biological source, chemical constituents, cultivation & collection and uses of Nagarmotha & Garlic. | <b>7</b> |
|          | (2) Write a Pharmacognostic note on linseed oil.  | <b>6</b> |
| <b>4</b> | (1) Write the biological source, chemical constituents, method of collection, and uses of Dill & Vetiver.     | <b>7</b> |
|          | (2) Write a pharmacognostic note on Cocoa butter & kokum butter.  | <b>6</b> |

### SECTION-II

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| <b>5</b> | Answer the following questions: (Any TWO)  | <b>14</b> |
|          | (1) Write biological source, method of cultivation, chemical constituents, chemical tests and uses of Rape seed oil & rice bran oil. |           |
|          | (2) Define pharmaceutical aid. Discuss in detail Diatomite & Bentonite.  |           |
|          | (3) Write biological source, method of cultivation, chemical constituents, and uses of Vanilla & Star anise.                         |           |
| <b>6</b> | (1) Write Biological source, chemical constituents and uses of cumin & vaj.  | <b>7</b>  |
|          | (2) Write the biological source, chemical constituents and uses of Karanj Oil & Mustard oil.   | <b>6</b>  |
| <b>7</b> | (1) Write the biological source, chemical constituents and uses of Ajowan & Orange peel.   | <b>7</b>  |
|          | (2) Define lipids. Give the classification of lipids. Explain in detail identification tests for lipids.                             | <b>6</b>  |
| <b>8</b> | (1) Write the biological source, chemical constituents, identification tests, and uses of Hyndocarpus oil & Sesame oil.              | <b>7</b>  |
|          | (2) Write a pharmacognostic note on drug used as dental analgesic.   | <b>6</b>  |