**SARDAR BAGWAN SINGH UNIVERSITY BALWALA**

**Department of basic sciences**

**VIth Assignment**

**Class: M. Sc. Pharm Chemistry II Sem Subject: Essential of traditional medicine (PHAR-521)**

**Total Marks: 30 Submission Dates 03.04.2020**

**Attempt all question**

**Section A: multiple choice Questions (1 Mark each)**

(1) Drug evaluation may defined as evaluation of

(a) Quality (b) purity

(c) Identity (d) all of above

(2) Ash values of the crude determines the

A) Organic constituents B) Inorganic constituents

C) Cell constituents D) Chemical constituents

(3) Acid insoluble ash values of the crude determines the

A) Physiological ash B) Non Physiological ash

C) Cell constituents D) Chemical constituents

(4) The residue remaining after incineration is called as

A) Ash B) Extract

C) Waste material D) Foreign matter

(5) Swelling Index is used to determine amount of the following in the crude drugs

A) Moisture B) Volatile oils

C) Crude fibres D) Mucilage

**Section B: True False questions ((1 Mark each)**

1. Shinoda test is the test for Alkaloids (True / false)

2. Organoleptic evaluation is study of histological characters. (True / false)

3. Optical rotation is a parameter of physical evaluation. (True / false)

4. A saturated picric acid i known as Hager’s reagent (True / false)

5. Confirmation of drugs identity, determination of purity & quality & detection of nature of adulterant is known as evaluation. (True / false)

**Section C: Short answer questions (5Mark each)**

Q. No. 1 writes a short note on ash value and its significance

Q. No. 2 writes a short note refractive index, a parameter of physical evaluation

**Section D: Long answer question (10 mark)**

Q. No. 1 writes a detail note on biological evaluation of crude drug with suitable example