

**Avinashilingam Institute for Home Science and Higher Education for Women  
Coimbatore-641043.**

**Master's Degree Examination November 2017**

**I Semester**

**Class : I M.Sc  
Major : FSMD**

**Time: 3 hours  
Max. Marks: 60**

**17MFDC01 Advanced Food Science  
Part A**

**10 x 1/2 = 5**

**Choose the correct answer**

1. Penetrometer is used to measure

- a. Shear strength                      b. Tenderness of foods                      c. Viscosity                      d. Tensile strength

2.----- is the mixture of two or more immiscible liquids

- a. Foam.                      b. Sol                      c. Liquid Aerosol                      d. Emulsion

3. The spontaneous exudation of liquid from a gel is called as

- a. Gelation                      b. Syneresis                      c. Retrogradation                      d. Geatinization

4. The temperature for thread like doneness in sugar cooker is

- a. 90 -100 °C                      b. 110 -112 °C                      c. 112 -114 °C                      d. 114 -116 °C

5. Saponins are present in

- a. Bengal gram dhal                      b. Red gram dhal                      c. Soya beans                      d. Green gram dhal

6.----- is the process of formation of acrolein from glycerol on heating the fat

- a. Pyrolysis                      b. Hydrolysis                      c. Auto-oxidation                      d. Glycerolysis

7. The yellow colour of the milk is due to presence of

- a. Carotene                      b. Riboflavin                      c. Casein                      d. a and b

8. The astringent taste of vegetables is attribute to

- a. Saponins                      b. Tannins                      c. Allin                      d. Anthocyanins

9. Good quality of egg has ----- haugh units

- a. 42                      b. 52                      c. 62                      d. 72

10. The fat penetrates between the muscle fibre bundles is known as

- a. Marbling                      b. Ageing                      c. Curing                      d. Tenderising

