

### SECTION-B

**Note:** Short answer type questions. Attempt any six questions out of eight questions. (6x5=30)

- Q.11 Discuss in brief the various properties of Visible light.
- Q.12 What is film Graining? Discuss in detail.
- Q.13 Discuss in brief the spectral sensitivity of film material.
- Q.14 Explain the various properties of a Cassette.
- Q.15 Discuss the components and method of preparation of Photographic emulsion.
- Q.16 Differentiate between Reflection and Refraction.
- Q.17 Write a note on Halation and method used to prevent halation.
- Q.18 Discuss the Dark Room equipment in brief.

### SECTION-C

**Note:** Long answer type questions. Attempt any one questions out of two questions. (1x10=10)

- Q.19 Explain the various types of X-ray films.
- Q.20 Discuss the construction and layout of Dark Room.

No. of Printed Pages : 2

Roll No. ....

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**Level 5 / 2nd. Sem. / DVOC**

**Medical Image Tech.**

**Subject : Basic Imaging**

Time : 2 Hrs.

M.M. : 50

### SECTION-A

**Note:** Very short answer type questions. All questions are compulsory (10x1=10)

- Q.1 Define Base in Photographic Film.
- Q.2 What is Film Speed?
- Q.3 Name some light sensitive Photographic material.
- Q.4 Define Intensification factor.
- Q.5 Enlist the various components of image quality.
- Q.6 Define Diagnostic radiology.
- Q.7 Give two examples of Developers (chemical) used in Film Processing.
- Q.8 What is Dark Room?
- Q.9 Define Fluorescence.
- Q.10 Define Real Image.