

**Madhya Pradesh Medical Science University, Jabalpur**  
**BXRT First Year Examination March-2023**  
**Paper Code-23AP0600101621**  
**Subject- RADIOGRAPHIC PHOTOGRAPHY**

**Time : 3 Hours**

**Maximum Marks : 100**

- 1) *All questions are compulsory*
- 2) *Draw diagrams wherever necessary*
- 3) *Answers of Questions and Sub questions must be written strictly according to the serial order of question paper, otherwise the question shall not be valued*
- 4) *Do not write anything on the blank portion of the question paper. If written anything, such type of act will be considered as an attempt to resort to unfair means.*

**Q.1 Very short answer the question (50-60 words)**

**2X10= 20**

- a. Copying of radiograph.
- b. Pass boxes.
- c. Photographic density.
- d. Viewing box.
- e. Single sided film.
- f. Define Scattered Radiation
- g. Types of hangers.
- h. Fluroscnt material.
- i. Enumerate factors contributing towards unsharpness of image.
- j. Identification markers.

**Q.2 Short Answer the question (250-300 words)**

**10X5=50**

- a. Fixers used in automatic processors.
- b. Intensifying screens.
- c. Flurography.
- d. Structure and care of cassette.
- e. Xeroradiography.

**Q.3 Essay type question (450-500 words)**

**15X2=30**

- a. Describe in detail about dark room under following headings-layout, planning, construction and illumination.
- b. Discuss in detail about developer and factors affecting the quality of radiographic image