

INDIAN COLLEGE OF RADIOLOGY AND IMAGING



MASTERS IN CLINICAL RADIOLOGY (MICR)

(MICR by ICRI, Academic wing of IRIA)

How to prepare for MICR part 1 modules anatomy and Physics examination?

Both exams are administered online in a designated centre as per the other communications.

Every candidate will be provided a covid-safe environment as per space guidelines, high resolution monitor, keyboard and mouse. Further details will be sent with Hall ticket.

MICR module 1 anatomy:

1. This examination tests, the knowledge of candidate with respect to
 - a. Anatomy pertinent to all imaging modalities
 - b. Factual anatomical knowledge and techniques relevant to Imaging and patient management.
 - c. Variants of normal structures and its importance.
2. There are three types of questions

- a. **Image based question:** Radiological image with arrow or arrow head, pointing to a structure; the answer is to be typed in the box specified (maximum 300 characters). The expected answer may be related to naming the structure, its content, related function, vascular and nerve supply etc. Correct answer carries one mark; if the question has two components – both components to be answered correctly to obtain the full mark. No half marks allowed.
- b. **True or false type:** A statement or stem is given as a question followed by five responses; each response to be marked as true or false; correct marking of each response carries one mark; incorrect or unanswered responses will carry zero mark.
- c. **SBA:** single best answer type (this may be included in some question papers – but not necessarily present in all papers; clear instructions will be there)
- d. In all type of questions, correct answer carries one mark; incorrect or unanswered questions / responses carry zero mark. There is no negative marking in any of the types.

3. Resources for preparation for the exam.

- a. ICRI teachings by ICRI, academic wing of IRIA: the world's longest teaching session in Radiology and Imaging at the lowest cost ever; anatomy component is taught on every Monday and Physics component on every Tuesday.
- b. Please register for the teaching sessions: all information available on iria.org.in and link sent in all social medial groups.
- c. In addition to teaching anatomy on every Monday, there are exam question based sessions after every lecture.
- d. Further MICR related exam preparation session on Sundays (please flyer for further details)
- e. Recommended books include: Radiological anatomy by Ryan & McNicholus, Atlas by Weir and Abrahams, Anatomy chapters in Text book of Clinical Radiology by IRIA/ICRI, Basic anatomy books, various videos related to anatomy available under google search, Scholarly articles on imaging anatomy at various journals and e-journals.

MICR Module 1 Physics:

1. This examination, tests, the knowledge of candidate with respect to

- a. All basic Physics pertinent to all imaging modalities
- b. Radiation safety, regulations in Imaging and patient management.
- c. Application of physics in day to day scanning.

2. There is only one type of question in this part.

- a. **True or false type:** A statement or stem is given as a question followed by five responses; each response to be marked as true or false; correct marking of each response carries one mark; incorrect or unanswered responses will carry zero mark.

3. Resources for preparation for the exam.

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- e. Recommended books include: Radiological anatomy by Christenson's book of physics, Farr's physics for medical imaging, MRI in practice by Catherine Westbrook, Basic physics books, various videos related to physics available under google search/ you tube/various Radiology teaching sites, Scholarly articles on imaging anatomy at various journals and e-journals.

Exam preparation courses:

ICRI also conducts exam preparatory courses prior to examination for all those applied or planning to apply for this exam; the process with be part of ICRI teaching session