

Roll No.

Total No. of Questions : 13]

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Paper ID [C1911]

(Please fill this Paper ID in OMR Sheet)

DRIT (204) (S05) (Sem. - 2nd)

ADVANCED DIAGNOSTIC TECHNIQUES

Time : 03 Hours

Maximum Marks : 75

Instruction to Candidates:

- 1) Section - A is **Compulsory**.
- 2) Attempt any **Nine** questions from Section - B.

Section - A

Q1)

(15 × 2 = 30)

- a) Misuse of ultra sound.
- b) Modes of ultra sound.
- c) Duplex ultra sound.
- d) Electrocardiography.
- e) Principles of ultra sound.
- f) Mammography.
- g) Equipments used for mammography.
- h) Projection of mammography.
- i) Define xeroradiography.
- j) Equipment for scintigraphy.
- k) Role of MRI in medical field.
- l) Principle of MRI.
- m) Advantages of mammography.
- n) Doppler ultrasound.
- o) Myelography.

Section - B

(9 × 5 = 45)

- Q2)** Describe disadvantages & advantages of ultra sound.
- Q3)** Describe role of ultrasound in abdominal diseases.
- Q4)** Describe the preparation of patient for Duplex ultra sound.
- Q5)** Mention role of Doppler ultra sound in medical field.
- Q6)** Write names of equipments used for Endosonography.
- Q7)** Write indications of mammography & equipments used in it.
- Q8)** Describe contra-indications & limitation of ultra sound.
- Q9)** Write procedure of xero radiography.
- Q10)** Write procedure of scintigraphy.
- Q11)** Describe advantages & equipments of scintigraphy.
- Q12)** Write principle & equipments of MRI.
- Q13)** Write a note on image characteristics in MRI.

