

**PG Degree Supplementary Examinations in Radio diagnosis (MD)**  
**January 2024**

**Paper IV – Recent Advances in Radio diagnosis**

**Time: 3 hrs**

**Max marks:100**

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

**Essay:**

**(20)**

1. Describe in detail about the radiological imaging characteristics of COVID-19 Pneumonia.

**Short essays:**

**(8x10=80)**

2. Describe the imaging features of juvenile nasopharyngeal angiofibroma. Discuss the role of radiological intervention in its management.
3. Enumerate various complications of Renal transplant and discuss their imaging findings.
4. Briefly describe MRI & MRS findings in prostatic carcinoma & its staging. Discuss role of TRUS biopsy.
5. Principles and role of PET in clinical radiology.
6. Discuss the role of scintigraphy in cardiac imaging with special emphasis on myocardial perfusion and viability.
7. Interventional management of Hepatocellular carcinoma.
8. Describe etiopathogenesis of biliary atresia. Discuss the role of ultrasound, MRI and scintigraphy in assessment of biliary atresia.
9. Discuss indications, technique and complication of bronchial artery embolisation.

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