

JEE MAIN ELECTROMAGNETIC WAVES — ELECTROMAGNETIC SPECTRUM AND USES (RADIO TO GAMMA RAYS) — PYQS

Max. Marks: 4
Questions: 1

Section A (MCQ) — 1 question

Q.1 Match the LIST-I with LIST-II

List-I		List-II	
A.	Radio-wave	I.	is produced by Magnetron valve
B.	Micro-wave	II.	due to change in the vibrational modes of atoms
C.	Infrared-wave	III.	due to inner shell electrons moving from higher energy level to lower energy level
D.	X-ray	IV.	due to rapid acceleration of electrons

Choose the correct answer from the options given below:

[JEE Main 2026 (Online) 24th January Morning Shift]

- (1) A-IV, B-II, C-I, D-III (2) A-IV, B-III, C-I, D-II
 (3) A-IV, B-I, C-II, D-III (4) A-II, B-IV, C-III, D-I

Scan or tap for the full solution



ANSWER KEY

Ques.	1																		
Ans.	3																		