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3 (Sem-5 /CBCS) PHY HC 2

2023

PHYSICS

(Honours Core)

Paper : PHY-HC-5026

(Solid State Physics)

Full Marks : 60

Time : Three hours

The figures in the margin indicate full marks for the questions.

1. Choose the correct answer from the following : $1 \times 7 = 7$

(a) If N is the number of primitive cells in a specimen, the number of orbitals in the band will be

(i) N

(ii) $2N$

(iii) $3N$

(iv) $4N$

Contd.

