

Ba/Bs/MAT/M3 (AK)

2 0 2 4

(FYUGP)

(3rd Semester)

MATHEMATICS

(Minor)

Paper Code : MAT/M3

(Group Theory)

(PART : A—OBJECTIVE)

(Marks : 25)

KEY ANSWERS FOR OBJECTIVES

I. Put a Tick (✓) mark against the correct answer in the brackets provided : 1×10=10

1. (c)

2. (c)

3. (a)

4. (c)

5. (b)

/181K

(2)

6. (b)
7. (a)
8. (c)
9. (c)
10. (b)

II. Fill in the blanks :

1×5=5

1. infinite
2. proper
3. simple group
4. isomorphic
5. $\{x \in G \mid f(x) = e, \text{ the identity of } G\}$
