

Bs/Phy (P & H)–601 (AK)

2 0 1 9

(6th Semester)

PHYSICS

Paper : Phy-601 (P & H)

(**Atomic Physics, Particle Physics and Cosmic Rays**)

KEY ANSWERS FOR OBJECTIVES

(PART : A—OBJECTIVE)

SECTION—I

(Marks : 10)

1. (d) nucleus
2. (d) 1837
3. (c) 2
4. (b) doublet
5. (d) angstrom (10^{-10} m)
6. (b) Heteronuclear diatomic molecules

(2)

7. (a) proton
8. (c) pion
9. (b) electron
10. (a) pair production

SECTION—III

(Marks : 5)

1. (a) (False) (b) (True)
2. (a) (False) (b) (True)
3. (a) (True) (b) (False)
4. (a) (True) (b) (False)
5. (a) (True) (b) (False)
