

2014

B. Ed.

1st Semester Examination

PEDAGOGY OF LIFE SCIENCE

PAPER—C-106

Full Marks : 50

Time : 2 Hours

The figures in the right-hand margin indicate full marks.

Candidates are required to give their answers in their own words as far as practicable.

Illustrate the answers wherever necessary.

1. Answer any five questions of the following : 5×2

- (a) What do you mean by Inductive method of teaching life science ?
- (b) What do you mean by constructivist approach in teaching.
- (c) Write any two characteristics of remedial teaching.
- (d) State any two characteristics of teaching aids.

(Turn Over)

- (e) What is meant by Laboratory Method of Teaching Life Science
- (f) What are the merits of field trip in teaching of life science ?
- (g) What do you mean by instructional objectives ?
- (h) Write down any two recommendations of Kothari Commission about aims of teaching life science secondary stage of education.

2. Answer any six questions of the following : 6×5

- (a) Discuss the philosophy of science teaching as proposed by Kuhn.
- (b) Discuss the essential steps for construction of an Achievement Test
- (c) Explain the importance observation method of teaching Life Science.
- (d) Discuss the need and scope of Life Science in Secondary School curriculum.
- (e) Discuss briefly the importance of Audio-visual aids and live specimens in teaching Life Science.
- (f) Mention different values to be imbibed from Life Science teaching in Madhyamik level.

- (g) Do you think 'Lecture Method' is sufficient to teach life science in Madhyamik level ? Establish your own point of view with reason.
- (h) Write short notes on ethics of using live specimens in Life Science Laboratory.
- (i) Discuss the components of questioning skills in the class room situation with examples from Life Science.

3. Select any *one* of the Unit (A or B) and Pedagogically analyse as per following instruction. 1×10:

- (a) Divide the content of unit into suitable sub-units.
- (b) Write the appropriate behavioural objectives for the unit
- (c) Write three (3) test items on the basis of behavioural objectives.

Unit A : External features of Cockroach (VIII).

Unit B : Circulation (IX).

3+4+3
