

2019

Exam.Code:1124

Sub. Code: 8249

1068

M.Ed. (General) Second Semester

Paper – VI [E01-PSE-II]: Pedagogy of Science Education – II

(Same for M.Ed. (G &C) & M.Ed. (ET) Second Semester

(In all mediums)

Time allowed: 3 Hours

Max. Marks: 70

NOTE: Attempt five questions in all, including Question No. IX (Unit-V) which is compulsory and selecting one question each from Unit I - IV.

x-x-x

UNIT – I

- I. Discuss the evolution of science as a discipline. (14)
- II. Elaborate with examples the common misconceptions of pupils about the nature of science. (14)

UNIT – II

- III. Critically analyze science curriculum of secondary class. (14)
- IV. Discuss the criteria of validity of science curriculum. (14)

UNIT – III

- V. Discuss the constructivist paradigm and its implications for science learning. (14)
- VI. Discuss the use of ICT in teaching -learning of science concepts at secondary level. (14)

UNIT – IV

- VII. Discuss the contribution of any five Indian scientists in the field of science. (14)
- VIII. Discuss the role of Scientific and Technological Literacy for Sustainable Development in the 21st Century. (14)

UNIT – V

- IX. Write short note on the following:-
- a) Correlation of science with technology
- b) Trends in science curriculum
- c) Role of experiments in science
- d) Formative and summative evaluation in science (4x3½)

x-x-x

(Hindi and Punjabi versions enclosed)

P.T.O.

