

27 MAR 2019

External Examination March/April – 2019

B.Ed. Special Education (HI) Sem.2rd

Course Code: A 4(a)

Subject Code: 9109,

[Pedagogy of Teaching Science]

Time: 2 hrs. 30 min.

Maximum Marks: 60

Note: All questions are compulsory

Ques : 1 Attempt any five and answer in 2 – 3 sentences.

(5 x 2 marks) = 10 Marks

- a) Peer -Tutoring
- b) Herbartian Method
- c) Process Approach
- d) CAL
- e) Diagnostic Test
- f) Aquarium
- g) Industrialization

Ques : 2 Attempt any four short questions out of six in 100 words only.

(4 x 5 marks) = 20 Marks

- a) Discuss the problems related teaching and learning of Science to CWHI.
- b) Differentiate between team - teaching, problem –solving and demonstration.
- c) Differences between Bloom's Taxonomy with his revised Taxonomy.
- d) Discuss on constructive approach and its use in teaching science.
- e) Write the importance of club, science exhibition and science text books.
- f) Write the planning, need and equipments of Science laboratory.

Ques : 3 Attempt any three and answer in 300 words only.

(3 x 10 marks) = 30 Marks

- a) Identify the main teaching points, formulate corresponding objectives in behavioural terms and explain teaching - learning process that you will follow while teaching 'Food Preservation' at secondary level.
- b) How can the Programmed Instructions of Teaching Science be actually adopted for the CWHI in the inclusive classroom? Give an example to illustrate your answer.
- c) Explain the concepts of Assessment, Examination and Evaluation. Discuss the purpose and use of various evaluation tools to measure learner's achievement in Science.
- d) Discuss the historical development of Science and status of 21st century.
- e) Explain the need and value of science and discuss aims and objectives of teaching science at secondary level.