

SCIENCE EDUCATION

[Max. Marks : 40]

Q.1) Which values can be transmitted through Science Contents ? What will you do to inculcate any four of them through Science Teaching ? [12]

OR

Q.1) (A) Give objectives and their specifications of Science Teaching. [08]

(B) What is the importance of Unit Planning ? Which points are considered while doing Unit Planning ? [04]

Q.2) What are the objectives of Concept Attainment Model ? Explain with suitable example in Science, the steps of Concept Attainment Model. [12]

OR

Q.2) Explain Laboratory Method of teaching Science with the help of following points. : [12]

- (1) Nature
- (2) Steps Involved
- (3) Role of Teacher

Q.3) Answer **any four** of the following : [16]

- (a) Distinguish between Achievement Test and Diagnostic Test of Science.
- (b) Explain Correlation of Science within Science.
- (c) Write a note on - Science Exhibitions.
- (d) Give two topics of Science suitable for Team Teaching and give reason behind them.
- (e) Which Teaching Method and Learning Experiences will be appropriate for teaching 'Formation of Images through Concave and Convex Mirrors' to IXth std. and why ?
- (f) Prepare a rating scale, measuring Interest in Science of High School Students.