



UNIVERSITY OF THE PUNJAB

B.S. 4 Years Program : Fifth Semester – 2020

Paper: Methods of Teaching Science in Elementary Schools

Course Code: EDE-373

Part – I (Compulsory)

Time: 15Min. Marks: 10

Roll No. in Fig.

Roll No. in Words.

Attempt this Paper on this Question Sheet only.

Division of marks is given in front of each question.

This Paper will be collected back after expiry of time limit mentioned above.

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Signature of Supdt.:

Q.1. Encircle the right answer cutting and overwriting is not allowed. (10x1=10)

1. The Socratic method is known as
 - (a) Lecture demonstration method
 - (b) Discussion method
 - (c) Inquiry method
 - (d) Question- Answer method
2. Which is not true about projects
 - (a) It is a purposeful activity
 - (b) It is proceeded in social environment
 - (c) It is accomplished in real life
 - (d) It is teacher centered activity
3. Which is not true about lesson plan
 - (a) It develops confidence
 - (b) It helps in orderly delivery of contents
 - (c) It is developed by students
 - (d) It saves from haphazard teaching
4. Example of cognitive domain is
 - (a) Describe a topic
 - (b) Develop an X-ray film
 - (c) Type a letter
 - (d) Take responsibility for tools
5. Role of student is active in
 - (a) Discovery method
 - (b) Problem solved method
 - (c) Inquiry method
 - (d) All above
6. How much knowledge is gained through the sense of seeing?
 - (a) 75%
 - (b) 13%
 - (c) 6%
 - (d) 3%
7. The goal of teaching is
 - (a) To give information
 - (b) To involve pupils in activities
 - (c) To impart knowledge
 - (d) Desirable change in behavior
8. A field trip is arranged for
 - (a) Making an excursion
 - (b) See other people doing things
 - (c) Note the meanings of action
 - (d) all of the above
9. What is true about science Text Book?
 - (a) There is no difference between textbook and curriculum
 - (b) Our teachers take textbook as curriculum
 - (c) Our teacher do not take textbook as a part of curriculum
 - (d) Textbook does not help in the selection of instructional activities
10. Which one is a standard for demonstration method?
 - (a) Student should observe and teacher should not tell important finding
 - (b) To keep accuracy of results the teacher should dictate the result
 - (c) Demonstration should be pre- tested to remove the weakness in demonstration
 - (d) all of the above



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Paper: Methods of Teaching Science in Elementary Schools
Course Code: EDE-373 Part – II

Time: 2 Hrs. 45 Min. Marks: 50

ATTEMPT THIS (SUBJECTIVE) ON THE SEPARATE ANSWER SHEET PROVIDED

Q.2. Give short answers of the following:

(5x4=20)

1. What are the objectives of teaching science at elementary level?
2. What are the safety measures of laboratories?
3. Explain demonstration method for teaching of science
4. Describe the types and importance of A.V aids?
5. Enlist measures to use white/black board properly.

Q.3. Give brief answers of the followings.

(3x10=30)

1. What is the importance of Evaluation in teaching of Science? Describe the types of tests along with merit and demerits.
2. Prepare a lesson plan for ^{5th} class on the topic of “Environment”
3. Explain any four methods for teaching Science at elementary level.