



UNIVERSITY OF THE PUNJAB

B.S. 4 Years Program / Sixth Semester – 2019

Paper: Methods of Teaching Mathematics in Elementary School
Course Code: EDE-371 Part – I (Compulsory)

Time: 15 Min. Marks: 10

Roll No. in Fig.

Roll No. in Words.

Signature of Supdt.:

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.

Q.1. Encircle the correct choice.

(1x10=10)

- i. The goal of teaching is
 - (a) To give information
 - (b) To involve pupils in activities
 - (c) To impart knowledge
 - (d) Desirable change in behavior
- ii. The nature of mathematics is
 - (a) Ornamental
 - (b) Difficult
 - (c) logical
 - (d) Not for common
- iii. Mathematics is the science of
 - (a) Intellectual
 - (b) Calculations
 - (c) Numbers
 - (d) All the above
- iv. Students are passive in
 - (a) Project method
 - (b) Discovery method
 - (c) Lecture method
 - (d) Inquiry method
- v. We move from specific to general in
 - (a) Inductive method
 - (b) Deductive method
 - (c) Drill method
 - (d) Discussion method
- vi. Practice is made in
 - (a) Inductive method
 - (b) Deductive method
 - (c) Drill method
 - (d) Discussion method
- vii. The Socratic method is known as
 - (a) Lecture demonstration method
 - (b) Discussion method
 - (c) Inquiry method
 - (d) Question- Answer method
- viii. 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
- ix. 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
- x. Which is not the advantage of team teaching better
 - (a) utilization of resources
 - (b) planning
 - (c) use of teaching techniques
 - (d) financial benefits of teachers



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Time: 2 Hrs. 45 Min. Marks: 50

ATTEMPT THIS (SUBJECTIVE) ON THE SEPARATE ANSWER SHEET PROVIDED

Q.2. Write short answer of following. (5x4=20)

1. Give good points in teaching of mathematics.
2. What are the objectives of teaching Mathematics at elementary level
3. Describe Heuristic method of teaching.
4. What is the criteria for the selection of method/strategy
5. Enlist four Principles of using Audio Visual aids

Q.3. Write brief answer of following. (10x3=30)

1. Prepare a Lesson Plan for 5th class in the subject of mathematics
2. Differentiate between Analytical and Synthetic Methods of teaching.
3. What are the merits and demerits of subjective and objective items used in mathematics?