



**MANAV RACHNA
UNIVERSITY** 
(FORMERLY MANAV RACHNA COLLEGE OF ENGINEERING
NAAC ACCREDITED 'A' GRADE INSTITUTION)

Declared as State Private University under section 2f of the UGC act, 1956

DEPARTMENT OF EDUCATION

“T3 Examination, May-2018”

Semester: 2

Subject: Pedagogical Skills

Branch: Maths

Course Type: Elective

Time: 1.5 Hours

Max.Marks: 40

Date of Exam: 21/05/2018

Subject Code: EDS-234

Session: I

Course Nature: Soft

Program: M.Sc.

Signature: HOD/Associate HOD:

Part A: All questions are compulsory. Each question carries 2 mark each.

Part B: Attempt any two questions. Each question carries 8 mark each.

Part C: All questions are compulsory. Each question carries 8 mark each.

Part A

1.
 - a) learning objective and learning outcome, how are they different?
 - b) Collaborative learning is synonymous to cooperative learning (Agree/Disagree). Justify your choice.
 - c) Expand CCE and STEAM.
 - d) Designing evaluation rubric is a time consuming activity, thus can be avoided (Serious/joking). Justify your answer.

Part B

2. With a detailed diagram explain “constructivism as a pedagogical approach.”
3. “Action Research is an integral requirement of any system.” Explain the process with a flowchart.
4. Based on Bloom’s Taxonomy frame instructional objectives for a mathematics topic of your choice.

Part C

5. Design a lesson plan based on an innovative pedagogy for a topic and grade of your choice.
6. Assessment for learning or Assessment of Learning, differentiate between the concepts. Given a choice which form of assessment you will adopt and why?