School of Education

Bachelor of Education
Semester End Examination - Jun 2024

Duration : 180 Minutes
Max Marks : 100

Sem II - F1UA211T - Professional Development of Mathematics Teacher

General Instructions
Answer to the specific question asked
Draw neat, labelled diagrams wherever necessary
Approved data hand books are allowed subject to verification by the Invigilator

1) Define the term improvised teaching aids. — K1(2)

2) Compare the teaching-learning environment of the teacher-centered and child-centred methods. — K2(4)

3) Describe the needs of using audio-visual aids in teaching mathematics. — K2(6)

4) Distinguish between the laboratory method and the demonstration method with suitable examples. — K3(9)

5) Propose your plan to use inductive approach in the lecture method. — K3(9)

6) Design the template of a lesson plan. Describe the significance of all headings used in it. — K5(10)

7) Define the meaning of techniques for teaching mathematics. Prepare their list. Give your plan to use any technique in the teaching of mathematics. — K4(12)

8) Discuss the need of preparing lifelong learners by conducting in and outside of the classroom activities. — K5(15)

9) Appraise the necessity of organizing various co-curricular activities in the schools for the transaction of the mathematics curriculum in an effective way. — K5(15)

10) Define heuristic method with its procedure, merits and demerits. Propose some topics which you could give to your students for their learning based upon this method. — K6(18)