SEMESTER - II

CPS 2b – Part II - PEDAGOGY OF HOME SCIENCE

Credits:4 **Internal: 40 marks**

Hours/Week: Theory-4hrs&Practical- 4hrs **External: 60 marks**

Total: 100 marks

Course Learning Outcomes:

At the end of the course, the student-teachers will be able to

- organize co-scholastic activities in Home Science;
- implement the process of evaluation in Home Science;
- point out the need for planning and teaching Home Science;
- point out the importance of classroom climate and classroom management;
- develop teacher commitment to enhanceprofessionalism;
- review the organization of the schoolplant;
- identify and analyze the diverse needs of learners in Home Science;
- prepare teaching and learning materials in Home Science for both general and special students;
- construct a reflective record on Continuous and Comprehensive Evaluation practiced in the internship schools;
- compile a question bank in Home Science to aid student performance.
- design lesson plans focusing on adaptation and evaluation in special and inclusive schools.

Unit I: Co- Scholastic Activities

Introduction-Formal and informal methods of teaching and learning to strengthen HomeScience education – Exhibitions-Field trips-Excursion- Science Fair-Celebrate science Day- Earth Day and Environmental Day-organizy Science club and eco club activities.

Unit II: Evaluation in Home Science

Introduction-Concept of evaluation- formative- summativeevaluation-Construction of AchievementTests and its types- Diagnostic, Prognostic tests-Criterion and Norm Referenced Tests – Item Analysis- Principle of test construction -blue print - question bank- Tools of Evaluation-Written Examination- Online Examination- Grading system.

Unit III: Planning and Teaching

Introduction-Yearly planning in Home Science, Importance of unit plan in Home Science, Unit formulation in Home Science, steps involved in unit planning, Merits and Demerits of unit plan. Major differences between unit plan and lesson plan, Importance of lesson planning- writing instructional objectives and planning for specific behavioural changes, Approaches in writing lesson plan.

Unit IV: Teacher Professionalization and Teacher Commitment

Introduction-Committed teachers, passionate teachers: Dimension of passion associated with teacher commitment and engagement: Teacher commitment as passion- teacher – teacher commitment as unit of time outside the contact hours with students- teacher commitment as focus on the individual needs of students. Teacher commitment as responsibility to impart knowledge, attitudes, values and beliefs- teacher commitment as maintaining 'Professional knowledge'- teacher commitment as engagement with school and community- importance of teacher commitment for quality enhancement – ways and means of enhancing teacher commitment for teaching professionalization. Need and types of professional growth, role in fostering creativity, equipment maintenance, attending pre-service and in-service training by NCERT and allied agencies. Qualities and competencies of science teacher - Academic Qualification, Professional training and special qualities required for Home science teachers.

Unit V: Classroom Climate and Classroom Management

Introduction-Definition, importance of classroom climate, factors influencing classroom climate. Classroom Management: Definition, Techniques and importance of classroom management.

Unit VI: School Plant

Introduction- School Building, Design of the school, maintenance of the school, Play ground, Library, Laboratories, Classrooms, Role of Headmaster- Parent-Teacher association in maintenance of school- Time Table- Co-curricular activities, Discipline, records and registers maintained in the School.

Suggested References:

Bhatia, K.K. (1990). *Measurement and Evaluation in Education.*Ludhiana: Prakash Brothers.

Jha, J.K. (2001).*Encyclopaedia of Teaching of Home Science. (Vol. I & II),* New Delhi: Anmol Publications Private Limited.

Kalra, R. M. (2009). *Teaching of Science*. New Delhi: Rakhi Prakashan Publishers.

Lakshmi, K. (2006).*Technology of Teaching of Home Science*.New Delhi: Sonali Publishers.

Nibedita, D. (2004).*Teaching of Home Science*. New Delhi: Dominant Publishers and Distributers, New Delhi

Seshaih, P.R. (2004).*Methods of Teaching Home Science,* Chennai: Manohar Publishers & Distributors.

Shah, A. Et al. (1990). *Fundamentals of Teaching Home Science*. New Delhi: Sterling Publishers Private Limited.

Shalool, S. (2002).*Modern Methods of Teaching of Home Science.* New Delhi: Sarup& Sons.

Sharma, S. (2009). *Modern Methods of Teaching Home Science.* New Delhi: Rakhi Prakashan Publishers & Distributors.

Yadav , S. (1997). *Text book of Nutrition and Health.*New Delhi: Anmol Publishers.

Yadav, S. (1997). *Teaching of Home Science.* New Delhi: Anmol Publishers.

Yadav, V.K. (2009). *Biochemistry & Biotechnology:A Laboratory Manual.* New Delhi: Pointer Publishers.

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