

## Subject Specialist –In-Service- Science - Chemistry

### BPS 18

#### **QUALIFICATION:**

- Master's Degree **in Chemistry** or a higher qualification; with MEd
- At least 05 years of progressive experience of working at school or in a Teacher Training Institution
- Preference will be given to the experience in the field of teacher training and material development for teachers, especially for primary and secondary levels of education.

#### **KEY SKILLS:**

1. Leadership, research skills, data analysis, assessment of teaching and learning, teams management, coordination with and securing cooperation of stakeholders, strong negotiation, communication, and IT skills.

#### **RESPONSIBILITIES:**

1. Providing leadership and oversight in planning, designing, conducting, monitoring, assessing, and evaluation of pre-service teacher education/ induction training.
2. Prepare recommendations for updating the design of teacher education curricula and course content for training classes and ADE.
3. Support the AD examination in conducting examination for certificate courses

### Subject Specialist Science – In-Service-Chemistry

S#	Category of Qualification and Experience	Total Marks	Qualifying Marks
	<b>Qualification</b>	<b>45</b>	<b>35</b>
1	Master degree in Chemistry	25	
2	M.Ed.	10	
3	Any foreign qualification/ diploma/ certificate (min 3 months/ 1 semester) from recognized institutions in the related subject/ teacher education/ ECD/ Student assessment or related field	3	
4	M. Phil	3	
5	Ph.D. (if Ph.D. then will get total 7 marks - 3 marks for M.Phil and 4 marks for Ph.D.)	4	
	<b>Experience</b>	<b>35</b>	<b>20</b>
6	<p>At least 5 years of progressive experience of working at school or in a Teacher Training Institutions.</p> <p>a) Education Sector (Teaching Chemistry in school 5 years) – <b>10</b> marks  b) Taught in Teacher Training Institute (RITEs/others 2 years) - <b>5</b> marks</p> <p>Preference will be given for experience in the field of teacher training and material development for teachers, especially for primary and secondary levels of education.</p> <p>c) Developed training courses/ contents (5 trainings including 2 Chemistry) – <b>5</b> marks  d) Conducted training (5 trainings including 2 for Chemistry) - additional <b>5</b> marks  e) Experience in material development for trainings (training manuals etc.) – <b>5</b> marks  f) Experience in course development for pre-service/ text books dev./ review – <b>5</b> marks</p>		
	<b>Knowledge and skills</b>	<b>20</b>	<b>10</b>
7	IT skills; able to work on MS word, Excel and power point. Computer based test	10	5
8	<ul style="list-style-type: none"> <li>• Knowledge of learning theories in development and application of instruction material; teaching learning approaches, methods of teaching, knowledge construction, learning theories, active learning, and assessment strategies.</li> <li>• Knowledge of theories of teaching and learning, Child Development and approaches/ methodologies of teacher training.</li> <li>• Knowledge and understanding of National Professional Standards of Teachers (NPST), and National Curriculum for ECE.</li> <li>• Understanding of TNA, TOT and training material development processes.</li> <li>• Knowledge of best practices in development of educational materials.</li> </ul>	10	5