SCHEME AND SYLLABUS OF EXAMINATION FOR THE PURPOSE OF FILLING UP THE POST OF PROGRAMMER UNDER SIKKIM STATE SUBORDINATE INFORMATION TECHNOLOGY SERVICE.

The examination will consist of 2 papers:-

PAPERS	SUBJECT	FULL MARKS	TIME ALLOWED
PAPER - I	GENERAL ENGLISH & GENERAL KNOWLEDGE	100 MCQ & Conventional	02:00 HOURS.
PAPER- II	MAIN PAPER	150 MCQ 150 Conventional ------------------------------- Total - 300	03:00 HOURS
VIVA-VOCE/PERSONALITY		50 (MARKS)	

Paper – I & Paper – II will be objective type (OMR) and Conventional mode.

PAPER – I: (a) GENERAL ENGLISH (MCQ/Conventional Mode)

The question will be designed to test the candidate's understanding and command of the English language.

English: Candidate will be required to answer questions designed to test their understanding of English. The pattern of question would be broadly as follows:-

1. Comprehension of given passage.
2. Précis writing
3. Usages and vocabulary
4. Essay writing
5. Report writing

(b) GENERAL KNOWLEDGE:

i. Current events of Local, National & International importance.
ii. National level Schemes & projects undertaken by Government of India/State Government.

PAPER – II: MAIN PAPER (MCQ/Conventional Mode)

1. Data Structures
2. Computer Algorithms
3. Operating System
4. Computer Networks
5. Object Oriented Programming Concepts
6. Database Management Systems
7. Programming Languages
8. Distributed Computing
9. Mobile Computing
10. Soft Computing
11. Software engineering and application of these systems
12. Cloud Computing/ HADOOP
13. Remote Sensing & Geographical Information Systems
14. Advanced Algorithms

VIVA – VOCE:

The test is intended to judge the mental caliber of candidate. In broad terms this is an assessment of not only his intellectual qualities but also social traits and an interest in current affairs, mental alertness, and critical powers of assimilation, care and logical exposition, balance of judgment, variety and depth of interest.

Additional Director cum H.O.●.
Information Technology