

**SCHEME AND SYLLABUS OF EXAMINATION FOR THE PURPOSE OF FILLING UP THE POST OF FORENSIC ANALYST/ SCIENTIST UNDER THE SIKKIM STATE SUBORDINATE ALLIED AND HEALTHCARE SERVICE.**

The examination will consist of 2 papers :-

PAPERS	SUBJECT	FULL MARKS	TIME ALLOWED
PAPER - I	GENERAL ENGLISH & GENERAL KNOWLEDGE	80 MCQ & CONVENTIONAL	02 : 00 HOURS
PAPER - II	MAIN PAPER	120 MCQ & CONVENTIONAL	03 : 00 HOURS
TOTAL 200 MARKS			

Paper - I & Paper - II will be objective type (OMR) and Conventional Mode.

**1. 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. The pattern of questions would be broadly as follows:-

1. Comprehension of given passage
2. Grammar
3. Usages and vocabulary
4. Essay writing
5. Reporting writing

**(b) GENERAL KNOWLEDGE :-**

- i. Current events of local, national and international importance
- ii. National level schemes & projects undertaken by government of India/ State Government.

**PAPER - II : MAIN PAPER (MCQ/ CONVENTIONAL MODE)**

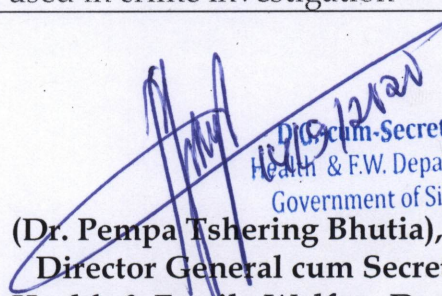
**III. SYLLABUS FOR WRITTEN EXAMINATION FOR FORENSIC ANALYST/ SCIENTIST: -**

Sl. No.	Course	
01	02	03
01	Common responsibilities of forensic scientists	i). Carrying out laboratory examinations and analyses submitted by law enforcement agencies and medical examiners  ii). Serving as expert witnesses in a court of law  iii). Carrying out tests using scientific techniques, such as infrared spectroscopy, mass spectrometry, and scanning electron microscopy  iv). Ensuring all laboratory protocols and regulations are followed

*[Signature]*  
 D. C. cum-Secretary  
 Health & F.W. Department  
 Government of Sikkim



		<p>v). Inputting data into computer programs and utilizing relevant computer database information</p> <p>vi). Overseeing the maintenance and calibration of laboratory equipment</p> <p>vii). Preparing written reports based on evidence analysis</p> <p>viii). Coordinating the activities related to crime scene collection, preservation, and transportation</p> <p>ix). Serving as a liaison between the forensic laboratory and crime scene investigators</p> <p>x). Developing, maintaining and updating work quality standards, standard operating procedures, and similar methods and procedures</p> <p>xi). Coordinating work with other members of the forensic team and with outside agencies</p>
02	Introduction to Forensic Science	Forensic Serology
03	Biological Anthropology	Forensic Toxicology
04	Forensic Medicine & Medico-legal Aspects	Introduction to Criminology
05	Documentation & Forensic Analysis of Biological Evidence	Computer Forensic
06	Basics of Forensic Science & Crime Scene Management	Crime & Criminal behavior Criminal Justice System Basic Principles of Forensic Science Crime Scene Management
07	Forensic Science and its Application in Crime Investigation	Definition, Nature, Need & Scope of Forensic Science Questioned Document and Their Identification Forensic Ballistics and vehicular accident reconstruction Chemical & Toxicological Analysis
08	Forensic Medicine and the Laws	Medical Jurisprudence Medico legal aspect of Death Sexual offences Legal Aspects
09	Recent Advances in Forensic Science and the Laws	Cybercrime and Forensic Speaker identification Narco analysis, Brain mapping and Polygraph Facial reconstruction, Preventive Forensic and Analytical methods Forensic DNA Finger Printing
10	Practical Training	Laboratory work including TLC method, fingerprint development, handwriting identification, examination of various biological samples and study of analytical instruments used in crime investigation

  
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 Health & F.W. Department  
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**(Dr. Pempa Tshering Bhutia), MS,**  
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