ANNEXURE-B

Scheme of examination and syllabus for Assessment Process (On-line)

The pattern of the question paper will be multiple choice objective types with negative marking. All candidates will undergo a common multiple-choice type examination ("On-line Assessment Process") of three hours consisting of the following three sections: -

Components	Marks	Duration
Section-I - Management Aptitude	150	**3 hours**
Section-II - Cognitive Ability	150	
Section-III - Technical knowledge	150	
Total	**450**	

Syllabus for each of the three sections has been detailed below: -

SECTION- I (Management Aptitude): - This section would gauge the ability of candidates on key management subjects such as economics, finance knowledge, operations, HR science etc. The syllabus for this section is as follows: -

(1) General Management
(2) Management Information Systems
(3) Managerial economics
(4) Marketing
(5) Accounting and Finance
(6) Human Resources Management
(7) Organizational Behavior
(8) Strategic Management
(9) Operations Management
(10) Telecom knowledge
(11) Current events of national and international importance

SECTION- II (Cognitive Ability): - This section would gauge overall cognitive ability of the candidate on following parameters as per the syllabus given below: -

(1) Quantitative ability & data sufficiency
(2) Reasoning (e.g. analytical, logical, critical reasoning)
(3) Verbal ability, reading comprehension and analysis

SECTION- III (Technical knowledge): - The syllabus for this section is as follows: -

(1) Materials and Components
(2) Physical Electronics, Electronics Devices and ICs
(3) Signals and Systems
(4) Network theory
(5) Electromagnetic Theory
(6) Electronic Measurements and Instrumentation
(7) Analog Electronic Circuits
(8) Digital Electronic Circuits
(9) Control Systems
(10) Communication Systems
(11) Microwave Engineering
(12) Computer Engineering
(13) Power Electronics