

राष्ट्रीय इलेक्ट्रॉनिकी एवं सूचना प्रौद्योगिकी संस्थान (रा.इ.सू.प्रौ.सं.)
National Institute of Electronics and Information Technology (NIELIT)

(An ISO 9001 : 2008 Certified Organisation)

इलेक्ट्रॉनिकी और सूचना प्रौद्योगिकी मंत्रालय, भारत सरकार
Ministry of Electronics and Information Technology, Government of India

F. No. I-17033/4/2022-

April 11, 2022

NOTIFICATION

Subject : Change in the examination pattern of O Level (IT) course and its equivalent papers in A/B Level (IT) with effect from July 2022 examination cycle

NIELIT has been conducting the examinations of O, A, B, C Level (IT) courses under Pen-Paper based examination model on PAN India basis twice in a year. Over a period of time several enhancements and value-additions have been incorporated into the examination system to improve the quality of learning and enhancement of the learning outcomes of the students.

2. In order to further strengthen the process of examinations and speed up the result declaration as also to up keep the aim of the NIELIT to generate quality manpower by bridging the gap of theoretical and practical learning and provide an appropriate ecosystem to the students to become more productive and industry ready, NIELIT has adopted a change in the examination pattern for examination of O Level (IT) and its equivalent papers in A/B Level (IT) i.e. dual mode of pen-paper as well as online.

3. With the adoption of new examination pattern, following amendments in the examination pattern are introduced with effect from July 2022 examination cycle for examination of O Level (IT) and its equivalent papers in A/B Level (IT).

3.1 Classification of examination: The examination of each paper/module will be comprised of theory and practical examinations.

(a) Papers/ Modules in O Level and having equivalent modules/papers in A/B Level: 04 nos.

(b) Theory : 04 examinations

(c) Practical : 04 examinations

(d) Project : 01 no.

Continued from Page 1/-

:2:

- 3.2 Mode of Examination – Theory: OMR Based.
- 3.3 Mode of Examination – Practical: As per existing model.
- 3.4 Mode of submission of Project: As per existing model.
- 3.5 The question paper for OMR based theory examination would be MCQ based.
- 3.6 The examination pattern for 01 module/paper is tabulated below:

Examination	Duration	Mode of Examination	No. of Questions	Pattern of Question	Max. Marks	Min. Pass Marks	Weightage in Final Total per paper/Module
Theory	2 Hours	Online / OMR	100	MCQ	100	33%	60%
Practical & Viva	3 Hours	Lab Session / Online	3/4	Demonstration	80	33%	40%
				Viva	20		
Total						50%	

- 3.7 The qualification matrix for 01 module/paper is:

Theory	Practical	Result	Re-appear
Pass (Qualifying 33% criteria)	Pass (Qualifying 33% criteria)	Pass (Qualifying 50% criteria)	NA
Pass (Qualifying 33% criteria)	Pass (Qualifying 33% criteria)	Fail (Not qualifying 50% criteria)	Need to re-appear in both theory and practical.
Pass (Qualifying 33% criteria)	Fail (Not qualifying 33% criteria)	Qualifying 50% criteria, but Fail	-do-
Fail (Not qualifying 33% criteria)	Pass (Qualifying 33% criteria)	Qualifying 50% criteria, but Fail	-do-
Fail (Not qualifying 33% criteria)	Fail (Not qualifying 33% criteria)	Fail	-do-
Absent (Zero marks would be awarded)	Pass / Fail (as per 33% qualifying criteria)	Fail	-do-
Pass/Fail (as per 33% qualifying criteria)	Absent (Zero marks would be awarded)	Fail	-do-

:3:

- 3.8 There would be no negative marking in theory examination.
- 3.9 There would be no change in grading pattern and it would be the same as per existing pattern.
- 3.10 The candidates who have passed practical examination in the previous pattern of examination whereas yet to pass all the required theory modules/papers, would require to take the examination of remaining modules/papers in the new pattern. The final grade of the candidates would be calculated sans practical marks, and certificate would also be issued sans independent practical examination grades, so as to maintain the uniform certificate issuance.
- 3.11 The candidates who have already passed in the previous pattern of examination all the four theory modules/ papers, but yet to pass the practical examination would be given two chances to pass the practical examination.
- 3.12 The candidates would be required to apply for the examinations at the online portal as per the existing procedure.
- 3.13 The candidates would be issued separate Admit Cards for appearing in Theory and Practical Examinations.
- 3.14 The candidates would be issued other examination related instructions/guidelines along with the Admit Card.

This issues with the approval of the Competent Authority.

Alok Tripathi
(Alok Tripathi)

Chief Controller of Examinations

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