Employment Exchange Building,
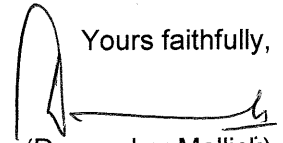Pusa Campus, New Delhi -110012
Dated: 08th May, 2019

To
1. Directors/ Principals of all National Skill Training Institutes (NSTIs)
2. Directors of all the RDSDEs

Subject: Assessment guidelines for the 'Diploma in IT, Networking and Cloud' (NSQF) level 6 of duration 2 years.

Sir/ Madam,

The 'Diploma in IT, Networking and Cloud' is being run in NSTIs - Bengaluru, Hyderabad, Mumbai & Kolkata and at NSTI (W) – Panipat. Also, few more NSTIs are planning to start the same in the year 2019. In this connection, instructions were issued vide letter no. MSDE-19/02/2018-CD dated 26th February, 2019.

2. In this connection, it is informed that the assessment guidelines, formats for consolidated and module-wise mark-sheet and certificate for the 'Diploma in IT, Networking and Cloud' have been finalised. The total marks for the diploma have been kept as 1000 including on the job training (OJT).

3. Joint certificate for the 'Diploma in IT, Networking and Cloud' (NSQF level 6) will be issued by Directorate General of Training and IBM. The approved assessment guidelines, formats for consolidated and module-wise mark-sheet and certificate are enclosed for necessary action please.

4. You are kindly requested to upload the data of diploma trainees on the NCVT-MIS portal once the window for the same is created by CFI section, DGT, HQ. The successful trainees would be issued e-certificates from the portal itself.
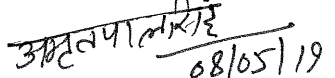
Yours faithfully,

(Deepankar Mallick)
Deputy Director General (C, P & Admn.)

Encl.: As above

Copy to:
1. Director-CFI, DGT(HQ) - with a kind request to create a window on existing NCVT-MIS portal for uploading of data pertaining to the Diploma trainees
2. Director-TT Cell, DGT(HQ) – with a kind request to conduct Diploma examination as per approved guidelines
3. Director, TC, DGT (HQ)
4. Dr. Jayaprakasan, JDT, Head – IT Cell
5. Ms. Joyeeta Das, Program Manager, Corporate Citizenship, IBM India Private Limited, # No.12, Subramanya Arcade 1, Bannerghatta Road, Bangalore - 560029 (joyeedas@in.ibm.com)

08/05/19

(Amrit Pal Singh)
Deputy Director (Trg.)

Copy (for information): Sr. PPS to DG/AS

Assessment guidelines for the 'Diploma in IT, Networking and Cloud' (NSQF Level 6) of duration 2 years

a) The total number of modules in the Diploma are 8, plus 'On the Job Training' as per the following table:

Sl. No.	Modules	Core/ Elective	Duration	Marks
	Core modules			
1.	Computer Hardware Maintenance	Core	320 hours	100
2.	Computer Networking	Core	320 hours	100
3.	Web Designing	Core	320 hours	100
4.	Web Development	Core	320 hours	100
5.	Business Data Analytics	Core	320 hours	100
	Elective Modules (any two modules have to be selected from the following three)			
6.	i. Cloud Application Developer *	Electives	640 hours (320 hours for each module)	100
7.	ii. Cloud Enterprise Developer * iii. Web Development using Java *			100
8.	Employability Skills	Compulsory module	160 hours	50
9.	'On the Job Training' (OJT)	Compulsory	800 hours	250
			TOTAL MARKS	**1000**

b) The proposed examination structure for each Core Module & Elective Module of the 'Diploma in IT, Networking and Cloud' is as under:
   i.   Total = 100 marks
   ii. Summative Assessment
        1. Theory = 30 marks (Computer based, multiple choice questions with four options)
        2. Practical = 30 marks
   iii. Formative assessment = 40 marks

c) **Preparation of Question Bank:**
   i.   IBM will provide question bank with 500 questions for each of the 8 modules (5 core and 3 elective) for theory as well as practical papers to DGT, with varied difficulty level (50% questions with simple difficulty level; 30% questions with medium difficulty level and 20% questions with high difficulty level).
   ii. Weightage of marks to be specified by IBM for each learning outcome of each module.
   iii. The question bank with 300 questions for the module 'Employability Skills' shall be prepared by IBM in consultation with TT Cell, DGT (HQ).
   iv. The Question Bank will be displayed on http://bharatskills.gov.in. The question paper for the theory, practical and Employability

Skills examination would be set by TT-Cell, DGT (HQ) from the above question bank.

v. The theory examination of 30 marks for each module will be held at the end of approximately 1 & ½ years i.e. immediately on completion of the 8 modules and before commencement of OJT.

d) Formative assessment will include the internal assessment during each module and marks for attendance etc. Formative assessment of the trainees shall be done by the faculty. This will include continuous evaluation of theory, practical, coding etc.

e) The trainees will be evaluated for 'On the Job Training' (OJT) at the end of approximately 2 years by a committee consisting of faculty from the concerned NSTI and representative from IBM. Total marks earmarked for formative assessment during OJT are kept as hundred, twenty for attendance during OJT and twenty each for assessment at the end of each month in the first four months of OJT, to be assessed during the visit of faculty from NSTI to the office of the Industry Partner.

f) The examination schedule for the final examination will be notified by TT Cell, DGT (HQ).

g) A total of two supplementary exams will be allowed for the final diploma exam with an interval of 3 months between each exam. After successful admission, a maximum duration of 3 years will be given to complete the diploma.

h) The question paper for the practical examination will be set by the respective institution/ DGT in consultation with IBM.

i) Joint certificate for the 'Diploma in IT, Networking and Cloud' (NSQF level 6) will be issued by Directorate General of Training (DGT) and IBM.

j) All data pertaining to the Diploma trainees will have to be uploaded on the portal. Thereafter, e-certificates would be issued to the successful trainees.

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Photograph
of Trainee

Q.R. Code for
verification

Digilocker link

भारत सरकार
GOVERNMENT OF INDIA
कौशल विकास और उद्यमिता मंत्रालय

MINISTRY OF SKILL DEVELOPMENT AND ENTREPRENEURSHIP
प्रशिक्षण महानिदेशालय
DIRECTORATE GENERAL OF TRAINING
डिप्लोमा

DIPLOMA

प्रमाणित किया जाता है कि This is to certify that

श्री / श्रीमती / कुमारी Shri/Smt./Kumari ....

पुत्र / पत्नी / पुत्री Son/Wife/Daughter of Shri ....

माता का नाम श्रीमती Mother's Name Smt. ....

जन्म तिथि Date of Birth ....

संस्था का नाम Name of Institute ....

उद्योग भागीदार का नाम Name of Industry Partner ....

डिप्लोमा पाठ्यक्रम का नाम
Name of the Diploma Course ....

प्रशिक्षण की अवधि Period of Training From ....से To .... तक

.... माह .... वर्ष में अंतिम परीक्षा कुल अंक .... में से .... अंक प्राप्त कर ...., श्रेणी में उत्तीर्ण करने पर यह डिप्लोमा प्रमाणपत्र प्रदान किया गया having passed the Final Examination in month .... year .... in the .... Division securing ....marks out of .... is hereby awarded this Diploma Certificate.

नई दिल्ली, New Delhi

उद्योग भागीदार
Industry Partner

परीक्षा नियंत्रक
प्रशिक्षण महानिदेशालय
Controller of Examination
Directorate General of Training

दिनांक Date

CONSOLIDATED STATEMENT OF MARKS FOR EXAMINATION CONDUCTED BY DGT

Directorate General of Training (DGT)
Ministry of Skill Development and Entrepreneurship (MSDE)
Diploma in IT, Networking and Cloud
Academic Session – ....

Name:... Registration /Roll No:......................................

Father/Mother name:.. Date of birth:..

Stream Name:...NSQF Level...................... Exam Month -Year:..............................

NSTI Name and Address:...Grade (optional)..

Sl. No.	Assessment	Max. marks	Min. Pass marks	Marks secured	Pass/Fail
A	**Trade Theory:**	**250**	**100**		
1.	Core modules	150	60		
2.	Electives Modules	60	24		
3.	Employability Skills	40	16		
B	**Trade Practical:**	**210**	**126**		
1.	Core modules	150	90		
2.	Electives Modules	60	36		
C.	**Formative Assessment:**	**290**	**116**		
1.	Core modules	200	80		
2.	Electives Modules	80	32		
3.	Employability Skills	10	4		
D.	**On the job Training**	**250**	**150**		
	GRAND TOTAL (A+B+C+ D)	**1000**			

RESULT: PASS / FAIL in ..../eligible to Re-appear (RA) (Yes / No)

Note: Minimum pass marks for Theory and Formative assessment – 40%; Practical and OJT/ Project - 60%.

Controller of Examination

MODULE-WISE STATEMENT OF MARKS FOR EXAMINATION CONDUCTED BY NSTI, DGT

Directorate General of Training (DGT)
Ministry of Skill Development and Entrepreneurship (MSDE)

NSTI Name and Address:..................

Diploma in IT, Networking and Cloud

Academic Session – ....

Category	Module	Assessment Components
CORE MODULES	Computer Hardware Maintenance (Module-1)	Theory Marks Secured — Full Marks - 30, Pass Marks - 12; Practical Marks Secured — Full Marks - 30, Pass Marks - 18; Formative Assessment — Full Marks - 40, Pass Marks - 16
CORE MODULES	Computer Networking (Module-2)	Theory Marks Secured — Full Marks - 30, Pass Marks - 12; Practical Marks Secured — Full Marks - 30, Pass Marks - 18; Formative Assessment — Full Marks - 40, Pass Marks - 16
CORE MODULES	Web Designing (Module-3)	Theory Marks Secured — Full Marks - 30, Pass Marks - 12; Practical Marks Secured — Full Marks - 30, Pass Marks - 18; Formative Assessment — Full Marks - 40, Pass Marks - 16
CORE MODULES	Web Development (Module-4)	Theory Marks Secured — Full Marks - 30, Pass Marks - 12; Practical Marks Secured — Full Marks - 30, Pass Marks - 18; Formative Assessment — Full Marks - 40, Pass Marks - 16
CORE MODULES	Business Data Analytics (Module-5)	Theory Marks Secured — Full Marks - 30, Pass Marks - 12; Practical Marks Secured — Full Marks - 30, Pass Marks - 18; Formative Assessment — Full Marks - 40, Pass Marks - 16
ELECTIVE MODULES	Module-6	Theory Marks Secured — Full Marks - 30, Pass Marks - 12; Practical Marks Secured — Full Marks - 30, Pass Marks - 18; Formative Assessment — Full Marks - 40, Pass Marks - 16
ELECTIVE MODULES	Module-7	Theory Marks Secured — Full Marks - 30, Pass Marks - 12; Practical Marks Secured — Full Marks - 30, Pass Marks - 18; Formative Assessment — Full Marks - 40, Pass Marks - 16
COMPULSORY MODULE	Employability Skill (Module-8)	Theory Marks Secured — Full Marks - 40, Pass Marks - 16; Formative Assessment — Full Marks - 10, Pass Marks - 4
ON-THE-JOB TRAINING	OJT	OJT Formative Assessment — Full Marks - 100, Pass Marks - 60; Project Report, Presentation & Viva Voce — Full Marks - 150, Pass Marks - 90
GRAND TOTAL	8 Modules & OJT	Marks Secured — Full Marks - 1000

Note: Minimum pass marks for Theory and Formative assessment – 40%; Practical and OJT/ Project - 60%.

OJT: On-the-job training

Director/ Principal