### NO. MSDE-18011/11/2018-CTS-ANNUAL-TTC Government of India Ministry of Skill Development & Entrepreneurship Directorate General of Training

New Delhi, 16th November, 2018

To,

(i) All the State Directorate Dealing with Craftsmen Training Scheme

(ii) All the Government and Private ITIs Principals.

Subjects: - Preparation of Question Paper Bank for the All India Trade Test of Craftsmen Training Scheme (Annual).

Sir,

Directorate General of Training, MSDE is conducting examinations under the aegis of National Council of Vocational Training (NCVT), for different Schemes. The Question Papers are arranged by Trade Testing Cell at DGT (Hqrs.), New Delhi from various empaneled paper setters, but in order to have better quality of Questions, in the Question Papers of particular NSQF complaint trades. It is proposed to get cooperation of trade expert / faculties of Govt. /Pvt. ITIs. They will be registering as trade experts at DGT for developing the Question Bank for ITIs trainees. The said questions must be of analytical & application type in addition to the basic concept level questions.

Accordingly, you are requested to give necessary direction to the faculties working in Govt. / Pvt. ITIsfor empanelment at DGT (Hqrs.) for setting up/ preparation of Question Papers. The detail of state-wise allocation of the trades is enclosed herewith as Annexure 'A'. The markingscheme format for annual exam forTrade Theory, Workshop Calculation & Science, Employability Skill, Engineering Drawing and Trade Practical is attached herewith for ready reference. The latest NSQF complaint syllabus is to be followedfor preparing Question Papers which is available on CSTARI Kolkatawebsite-http://www.cstaricalcutta.gov.in/syllabi.aspx.Table given below shows MCQsrequired to prepare. Any trade expert will be forwarding more than one set of questions for any trade / subject welcomed and appreciated.

Non Engineering/	No		ls. For Tr cory	ade		f MCQs. alculation				ACQs for bility Skill
Engineering	Ist	year	2 <sup>nd</sup>	Year	1st	year	2 <sup>nd</sup>	Year	* <del> </del>	Year
	Sem 1	Sem 2	Sem 3	Sem 4	Sem 1	Sem 2	Sem 3	Sem 4	Sem 1	Sem 2
Engineering	25	25	25	25	25	25	25	25	25	25
Non Engg.	25	25	25	25	-	-	-	_	25	25

The trade experts willing to register them self as Question Paper setter at DGT, trade expert from New Delhi should forward their detail Biodata along with prepared sample question papers by15<sup>th</sup> January, 2019through email at cts.annual2018@gmail.comin the given MS-Excel format for submission of sample question papers with above mentioned number of questions required.

Your kind cooperation in this regard is appreciated.

Encl (s): As above

(K. Singh) Dy. Director of Training

### Government of India Ministry of Skill Development & Entrepreneurship Directorate General of Training Trade Testing Cell

### GENERAL GUIDELINES FOR PAPER SETTERS/MODERATORS

Dear Paper Setters / Moderators,

The Directorate General of Training, Ministry of Skill Development & Entrepreneurship, Govt. of India, has implemented Annual Examination System of Craftsmen Training Scheme (CTS) under NCVT with the small change in earlier CTS Semester System Examination. The examination pattern has also changed and it is may be conducted on line for theoretical subject.

You are therefore, requested to follows the below mentioned instruction.

### <u>THE SYLLABUS FRAMED AS (SEMESTER 1 + SEMESTER 2) FOR 1ST YEAR TO LEARN AND TEACH PURPOSES.</u>

- (a) The Trade Test is to be conducted on All India Basis. 1<sup>st</sup> year (Semester 1 + Semester 2) and 2<sup>nd</sup> Year (Semester 3 + Semester 4)
- (b) Basic Educational Standard of trainees for most of the trades is VIII Class Pass or X Class Pass, so special attention should be given to ensure that papers are not too stiff for the candidate and their standard is not too high.
- (c) The question Papers must be set in accordance with the prescribed latest NSQF Level syllabus of the trade covering every portion of the syllabus. Care must be taken to avoid the repetition of the same topic/question.
- (d) The questions asked should be simple worded / sentence, clearly understandable for trainees. Avoid using statements such as 'which one is not true / not correct; find the one that is not true' etc.
- (e) Answer should be tangent to the question. Answers for Multiple Choice Question (MCQs) should have 4 choices a, b, c, & d. These choices should be plausible and not give away. Please avoid the bold options like all of the above, all of these, both 'x' & 'y' etc.
- (f) Question Papers has to be typed in MS Excel as specimen format enclosed.
- (g) Repetition of questions in different sets should be avoided.
- (h) <u>It is mandatory to Mention the details in Question Papers in two additional columns i.e., Name of Topics of syllabus, Week No. of syllabus, etc.</u>
- (i) To avoid the confusion there should be only one correct answer; that should be tangent to the question. There should be no room for more than one interpretation.
- (j) Follow what is written in the syllabus, do not infer. In case of the doubt, it is better to omit it and have another question in its place.
- (k) For Practical (Professional Skill) test questions, dimensions should be given in M.K.S System. Proper attention should be given to the tolerances specified for job.
- (1) As for the practical papers are concerned, care must be taken to ensure that (1) The time allotted is adequate (2) The list of the materials corresponds to the actual requirement. Correct specification of the materials is given in the bill of materials and (3) Marking Instructions are clear and reasonable.
- (m) Refer the reference books developed and printed by National Instructional Media Institute (NIMI), Chennai for Question Papers Setting and Moderation work under all pattern of Craftsmen Training Scheme. The reference books are also available at www.nimilearningonline.in/course/index.php?categoryid=25.
- (n) Trade Syllabus of the concerned trade is available CSTARI Kolkata Website at http://www.cstaricalcutta.gov.in/syllabi.aspx.

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### Government of India Ministry of Skill Development & Entrepreneurship Directorate General of Training Trade Testing Cell

### DETAILED MARKING SCHEME FOR CTS (ANNUAL SYSTEM)- ITI TRAINEES

Dear Paper Setters/ Moderators,

You may be aware that DGT, Ministry of Skill Development & Entrepreneurship, Govt. of India, has implemented from 2018 onward Annual System of Examination under the Craftsmen Training Scheme. The pattern of Question Papers for examination has been changed to objective type, which are to be attempted on OMR (Optical Mark Recognition) sheet online examination.

The Year wise, Trade wise, Paper wise details for Engg. / Non-Engg. Group of trades are as below:-

### 1. 1st Year (Two year trade) (Semester 1 + Semester 2) For Engineering Trades

- i) Trade Theory (Professional Knowledge) maximum marks 100: The Question Papers contains 50 Questions of MCQ of 2 marks each. The total time will be given for maximum duration of 2 hours with Answers in MS Excel Sheet as per specified format / template provided in the email.
- ii) Workshop Calculation & Science: This subject will be of 50 marks with 50 objective types (Multiple choice Questions) of 1 marks with answers in MS Excel Sheet as per specified format / template enclosed in the email.
- iii) Employability Skill: maximum marks 50: The Question Papers contains 50 Questions of MCQ of 1 mark each answers. The time will be given for maximum duration of 2 hours with Answers in MS Excel Sheet as per specified format / template provided in the email.
- iv) Engineering Drawing: Maximum Marks 50, Duration: 3 Hrs. and will be set as per old pattern i.e.—subjective type typed in MS WORD format. Complex and time consuming drawing should be avoided.
- v) Trade Practical (Professional Skill): Maximum Marks 250 with one or more practical jobs typed in MS WORD format. Jobs should cover the essential skills included in the syllabus and to be done in maximum 7 to 8 hrs.

### 2. 2nd Year (Two Year Trade) (Semester 3 + Semester 4) For Engineering Trades

- i) Trade Theory (Professional Knowledge) maximum marks 100: The Question Papers contains 50 Questions of MCQ of 2 marks each. The total time will be given for maximum duration of 2 hours with Answers in MS Excel Sheet as per specified format / template provided in the email.
- ii) Workshop Calculation & Science: This subject will be of 50 marks with 50 objective types (Multiple choice Ouestions) of 1 marks in MS Excel Sheet as per specify format / template enclosed in the email.
- iii) Engineering Drawing:- Maximum Marks 50, Duration of 3 Hrs. and will be set as per old pattern i.e. subjective type. Very time consuming drawing should be avoided.
- iv) Trade Practical (Professional Skill): Maximum Marks 250 with one or more practical jobs Covering the essential skills included in the syllabus to be done in maximum 7 to 8 hrs. in MS Word format.

### 3. 1st Year (One year/ Two Year Trade) (Semester 1 + Semester 2) FOR NON - ENGG. TRADES

- i) Trade Theory (Professional Knowledge) maximum marks 100: The Question Papers contains 50 Questions of MCQ of 2 marks each. The time will be given for maximum duration of 2 hours. Also add the Answer Key in MS Excel Sheet as per specify format / template enclosed in the email.
- ii) Employability Skill: maximum marks 50: The Question Papers contains 50 Questions of MCQ of 1 mark each. The time will be given for maximum duration of 2 hours. Also add the Answer Key in MS Excel Sheet as per specify format / template enclosed in the email.
- iii) Trade Practical (Professional Skill): Maximum Marks 250 with one or more practical jobs Covering the essential skills included in the syllabus to be done in maximum duration of 7 to 8 hrs. in MS Word format.

### 4. 2nd Year (Two Year Trade) (Semester 3 + Semester 4) FOR NON - ENGG. TRADES

- i) Trade Theory (Professional Knowledge) maximum marks 100: The Question Papers contains 50 Questions of MCQ of 2 marks each. The time will be given for maximum duration of 2 hours. Also add the Answer Key in MS Excel Sheet as per specify format / template enclosed in the email.
- ii) Trade Practical (Professional Skill): Maximum Marks 250 with one or more practical jobs Covering the essential skills included in the syllabus to be done in maximum duration of 7 to 8 hrs. in MS Word format.

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### **BIODATA (RESUME)**

### FOR EMPANELMENT AS TRADE EXPERT

Reference to Directorate General of Training, Ministry of Skill Development & Entrepreneurship, New Delhi vide letter No. MSDE-18011/11/2018 CTS-Annual-TTC Dated \_\_\_\_\_\_.

SELF-ATTESTED PHOTO

1.	NAME	
2.	FATHER'S / HUSBAND'S NAME	0
3.	DESIGNATION	•
4.	QUALIFICATION (a) ACADEMIC	•
	(b) TECHNICAL	6
5.	DATE OF BIRTH:-	•
6.	EXPERIENCE AS INSTRUCTOR / TRADE EXPERT	1
7.	WORKING PLACE ADDRESS WITH PINCODE	
8. 9.	RESIDENCE ADDRESS WITH PINCODE	
10.	MOBILE NO.	6 b
11.	EMAIL ID	8 8
DA	ATE:-	SIGNATURE:
	NAME (IN BLOCK LETTI	ERS):

## STATEMENT OF MARKS FOR A.I.T.T. under CTS CONDUCTED UNDER AEGIS OF N.C.V.T. Craftsmen Training Scheme (CTS)

1

### Academic Session - August ....... First year (Annual Examination) 02 Year Trades

Registration /Roll No:	Date of birth	Exam Month -Year: Exam Month	Grade (optional)
Name: Registration /Roll No:	Father/Mother name:	Trade Name: Exam Month -Year:	ITI name and Address:

F	For Engineering trade except Draughtsman Group of Trades	Draughtsr	man Group o	fTrades	For Draughtsman Group of Trades	sman Group	of Trades		For Non-Engineering Trades	ngineering	Trades	
SI.	Summative Assessment	Max.	Min. Pass	Marks	Summative Assessment	Max.	Min. Pass	Marks	Summative Assessment	Max.	Min. Pass	Marks
No.		marks	marks	secured		marks	marks	secured		marks	marks	secured
H	Trade theory (Professional knowledge)	100	33		Trade theory (Professional knowledge)	100	33		Trade theory (Professional knowledge)	100	33	
2.	Employability Skill (Core Skill)	20	17		Employability Skill (Core Skill)	50	17		Employability Skill (Core Skill)	50	17	
က်	Workshop cal. & Sc. (Core Skill)	20	17		Workshop cal. & Sc. (Core Skill)	50	17					
4.	Engg, Drawing (Core Skill)	20	17									
r,	Trade Practical (Professional Skill) Assessment	250	150		Trade Practical (Professional Skill) Assessment	250	150		Trade Practical (Professional Skill) Assessment	250	150	
	Formative Assessment	200	120		Formative Assessment	200	120		Formative Assessment	200	120	
	TOTAL	700			TOTAL	650			TOTAL	009		

RESULT: PASS / FAIL in ....../eligible to Re=appear (RA) (Yes / No) Note: Minimum pass marks for theoretical paper -Overall 33%, Employability skill- 33% and for Practical - Overall 60% Member Secretary NCVT

# STATEMENT OF MARKS FOR A.I.T.T. under CTS CONDUCTED UNDER AEGIS OF N.C.V.T.

Craftsmen Training Scheme (CTS)
Academic Session - August .......

Second year (Annual Examination) 02 Year Trades

	Ma
Trades	Min. Pass Mark
gineering	Мах.
Name:       Registration / Roll No:         Father/Mother name:       Date of birth         Trade Name:       Exam Month - Year:         ITI name and Address:       Grade (Optional)         Inneering trade except Draughtsman Group of Trades       For Non-Engineering Trades	Summative Assessment Max.
	Total
2F Level	Min. Pass Total
NSQF Level For Draughtsman Group of Trades	Мах.
Name:         Father/Mother name:         Trade Name:         ITI name and Address:         Incering trade except Draughtsman Group of Trades    For Draughtsman Group of Trades	Summative Assessment Max.
fTrades	Marks
nan Group o	Min. Pass Marks
ne:ess:	Мах.
Name: Father/Mother name: Trade Name: ITI name and Address: Engineering trade except Draughtsman Group of Trades	Summative Assessment Max.

				1	1		
	Marks secured						
Trades	Min. Pass marks	33			150	150	
ngineering	Max. marks	100			250	250	009
For Non-Engineering Trades	Summative Assessment	Trade theory (Professional knowledge)			Trade Practical (Professional Skill) Assessment	Formative Assessment	TOTAL
	Total marks secured						
of Trades	Min. Pass marks	33	17		150	150	
Draughtsman Group of Trades	Max. marks	100	50		250	250	650
For Draugh	Summative Assessment	Trade theory (Professional knowledge)	Workshop cal. & Sc. (Core Skill)		Trade Practical (Professional Skill) Assessment	Formative Assessment	TOTAL
fTrades	Marks						
nan Group o	Min. Pass marks	33	17	17	150	150	
Draughtsn	Max. marks	100	20	20	250	250	200
For Engineering trade except Draughtsman Group of Trades	Summative Assessment	Trade theory (Professional knowledge)	Workshop cal. & Sc. (Core Skill)	Engg. Drawing (Core Skill)	Trade Practical (Professional Skill) Assessment	Formative Assessment	TOFAL
For	SI. No.	1.	2.	3,	4.		

RESULT: PASS / FAIL in ....../eligible to Re=appear (RA) (Yes / No) Note: Minimum pass marks for theoretical papers- Overall 33% and for Practical - Overall 60% Member Secretary NCVT

## STATEMENT OF MARKS FOR A.I.T.T. under CTS CONDUCTED UNDER AEGIS OF N.C.V.T. **Craftsmen Training Scheme**

Registration /Roll No:	Date of birth	Exam Month -Year:	Grade (optional)	For Non-Engineering Trades
		Trade Name:Exam Month -Year:	ITI name and Address:	For Draughtsman Group of Trades
Name:	Father/Mother name:	Trade Name:	ITI name and Address:	ngineering trade except Draughtsman Group of Trades

Fo	For Engineering trade except Draughtsman Group of Trades	Draughts	man Group o	fTrades	For Draughtsman Group of Trades	sman Group	ofTrades		For Non-Engineering Trades	ngineering	Trades	
SI.	Summative Assessment	Max.	Min. Pass	Marks	Summative Assessment	Max.	Min. Pass	Marks	Summative Assessment	Max.	Min. Pass	Marks
No.		marks	marks	secured		marks	marks	secured			marks	Secured
1.	Trade theory (Professional knowledge)	100	33		Trade theory (Professional knowledge)	100	33		Trade theory (Professional knowledge)	100	33	
2.	Employability Skill (Core Skill)	20	17		Employability Skill (Core Skill)	50	17	*	Employability Skill (Core Skill)	50	17	
က	Workshop cal. & Sc. (Core Skill)	20	17		Workshop cal. & Sc. (Core Skill)	20	17					
4.	Engg. Drawing (Core Skill)	20	17									
rç.	Trade Practical (Professional Skill) Assessment	250	150		Trade Practical (Professional Skill) Assessment	250	150		Trade Practical (Professional Skill) Assessment	250	150	
	Formative Assessment	200	120		Formative Assessment	200	120		Formative Assessment	200	120	
	TOTAL	700			TOTAL	650			TOTAL	009		

RESULT: PASS / FAIL in ....../eligible to Re=appear (RA) (Yes / No) Note: Minimum pass marks for theoretical paper -Overall 33%, Employability skill- 33% and for Practical - Overall 60% Member Secretary NCVT

	Remarks																																		I			I												
	Standard/ Level of Question Paper(	Low)																																																
	Revised answer key (Moderator)																																																	
	Ans		+	+																			0								-	+	+	+	+	+	+	+	-										-	
	OPTD																																																	
	ОРТС																					1 2 3 3																												
		4																																																
ider CTS (Annua	ОРТА																																											N. Carlotte						
apers for Question Bank u	Week No of # Question OPTA OPTB the Syllabus																																																	
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Forn	Week No c																												_																					
	Topic of syllabus																																																	
	Subjects TT/ WCS/ Emp. Skill															8																																		
	Semester 1/2/3/4																																																	
																																																		-
	Address, Contact No. Name of the & Email id Trade																																																	
	Name & Designation																																																	

#	NAME OF THE STATES ANDHRA PRADESH	1	NAME OF THE TRADES
	ANDRIKA PRADESH	1	Electrician
		2	Fitter
		3	Turner
		4	Welder
		5	Carpenter
_		6	Domestic Painter
		7	Industrial Painter
-		8	Instrument Mechanic
		9	Mechanic Refrigeration and Air Conditioner
1		10	Mechanic Diesel
		11	Mechanic Machine Tool Maintenance
		12	Operator Advance Machine Tool
		13	Painter(General)
		14	Plastic Processing Operator
		15	Sheet Metal Worker
		16	Welder(GMAW & GTAW)
		17	Welder (Pipe)
		18	Welder (Structural )
		19	Welder(Fabrication & Fitting)
		20	Welder ( Welding & Inspection)
		21	Wireman
		22	Attendant Operator (Chemical Plant)
		23	Instrument Mechanic(Chemical Plant)
-		24	Labrotary Assistant (Chemical Plant)
		25	Maintenance Mechanic(Chemical Plant)
		26	Central Air Condition Plant Mechanic
	3	27	Information and Connunication Technology System Maintenance
		28	Information Technology
		29	Mason (Building Constructor)
		30	Plumber
		31	Draughtsman(Civil)
		32	Draughtsman Mechanical
		33	Surveyor
		34	Architectural Draughtsman
		35	Civil Engineering Assistant
		36	Interior Design and Decoration
		37	Computer Operator and Programming Assistant
		38	Dairying
		39	Basic Cosmetology
		40	Dress Making
		41	Milk and Milk Product Technician
		42	
			Finance Executive
		43	Horticulture
2	A PLIMA CLIAL PRA DECL		
_	ARUNACHAL PRADESH	1	Fruits and Vegetables Processing
		2	Tourist Guide
2	40044		
3	ASSAM	1	Pump Operator Cum Mechanic
		2	Wireman
		3	Surface Ornamentation Techniques (Embroidery)
4	BIHAR	1	Electrician
		2	Fitter
		3	Turner
		4	Welder
		5	Foundryman
		6	
_		_	Machinist
		7	Mechanic Diesel
		8	Welder(GMAW& GTAW)
		9	Welder (Pipe)
		1 10	114/-1-1(6)
	*	10	Welder (Structural ) Welder(Fabrication & Fitting)

_		12	Welder ( Welding & Inspection)
			Weider ( Weiding & Inspection) Wireman
_			Mechanic Motor Vehicle
			Central Air Condition Plant Mechanic
			Mechanic Mining Machinery
			Plumber
			Fire Technology and Industrial Safety Management
			Fireman
		15	THE Hall
5	CHANDIGARH	1	Tool & Die Maker (Dies & Moulds)
	CHANDIGANII		Tool & Die Maker ( Press tools, Jigs & Fixture)
			Surface Ornamentation Techniques (Embroidery)
			Finance Executive
			Human Resource Executive
			Marketing Executive
			Stenographer Secretarial Assistant ( Hindi)
		- '	Steriographier Secretaria Assistant (Timor)
6	CHATTISGARH	1	Foundryman
U	CHATTISOANT		Machinist
			Secretarial Practice (English)
		4	Fire Technology and Industrial Safety Management
		- 5	Fire rechnology and industrial safety Management
		6	Health Safety and Environment
		7	Hospital Housekeeping
-		8	Stenographer Secretarial Assistant ( Hindi)
		0	Stellographer Secretarial Assistant ( minur)
7	DELHI	1	Machinist Grinder
	DELTI	2	Mechanic Refrigeration and Air Conditioner
		3	Radiology Technician
		4	Tool & Die Maker (Dies & Moulds)
		5	
		6	Tool & Die Maker ( Press tools, Jigs & Fixture)  Technician Medical Electronics
		7	
_			Central Air Condition Plant Mechanic
		8	Computer Operator and Programming Assistant Computer Hardware& Network Maintenance
			Dental Laboratory Equipment Technician
		10	
- 1		11	Digital Photographer
		12	Basic Cosmetology
			Desktop Publishing Operator
		14	Fashion Design and Technology
		15	Food Production (General)
		16	Health Sanitory Inspector
		17	Photographer  Physical Action 1997
		18	Physiotherapy Technician Secretarial Practice (English)
		19	Surface Ornamentation Techniques (Embroidery)
		21	Human Resource Executive
		22	Stenographer Secretarial Assistant ( Hindi)
8	GUJARAT	1	Electronics Mechanic
Ö	TMAKUD	2	Fitter
		3	Turner
		4	Welder
		5	Domestic Painter
		-	Undustrial Dainter
		6	Industrial Painter
		7	Instrument Mechanic
		7 8	Instrument Mechanic Machinist
		7 8 9	Instrument Mechanic Machinist Mechanic Auto Body Painting
- 0.0 (W) (A)		7 8 9 10	Instrument Mechanic Machinist Mechanic Auto Body Painting Mechanic Refrigeration and Air Conditioner
46		7 8 9 10	Instrument Mechanic Machinist Mechanic Auto Body Painting Mechanic Refrigeration and Air Conditioner Mechanic Auto Electrical and Electronics
		7 8 9 10 11	Instrument Mechanic Machinist Mechanic Auto Body Painting Mechanic Refrigeration and Air Conditioner Mechanic Auto Electrical and Electronics Mechanic Diesel
46.7		7 8 9 10	Instrument Mechanic Machinist Mechanic Auto Body Painting Mechanic Refrigeration and Air Conditioner Mechanic Auto Electrical and Electronics

	16 Tool & Die Maker (Dies & Moulds)	
	17 Tool & Die Maker ( Press tools, Jigs & Fixture)	
	18 Welder(GMAW& GTAW)	
	19 Welder (Pipe)	
	20 Welder (Structural )	
	21 Weider (Structural) 21 Weider (Fabrication & Fitting)	
	Traces ( traces & trapector)	
	The state of the s	
	24 Attendant Operator (Chemical Plant)	
	25 Instrument Mechanic(Chemical Plant)	
	26 Labrotary Assistant (Chemical Plant)	
	27 Maintenance Mechanic(Chemical Plant)	
	28 Mechanic Motor Vehicle	
	29 Central Air Condition Plant Mechanic	
	30 Information and Connunication Technology System Maintenance	
	31 Information Technology	
	32 Plumber	
	33 Spinning Techinician	-
	34 Draughtsman(Civil)	
	35 Draughtsman Mechanical	
	36 Surveyor	
	37 Architectural Draughtsman	
	38 Civil Engineering Assistant	
	and interior pasible and pecolation	
	Total operator and rogital little Assistant	
	41 Basic Cosmetology	
	42 Dress Making	
	43 Health Sanitory Inspector	
	44 Sewing Technology	
4)	45 Surface Ornamentation Techniques (Embroidery)	
	46 Computer Aided Embroidery and Designing	
	47 Database System Assistant	
	48 Fire Technology and Industrial Safety Management	
	49 Fireman	
	50 Health Safety and Environment	
9 GOA	1 Mechanic Refrigeration and Air Conditioner	
J GOA	The state of the s	
	2 Basic Cosmetology	
	3 Desktop Publishing Operator	
LO HIMACHAL PRADESH	1 Electronics Mechanic	
THIVIACITAL PRADESH		
	2 Mechanic Auto Electrical and Electronics	
	3 Pump Operator Cum Mechanic	
	4 Technician Power Electronics Systems	
	5 Mechanic Motor Vehicle	
	6 Information and Connunication Technology System Maintenance	
	7 Information Technology	
	8 Plumber	
	9 Computer Operator and Programming Assistant	
	10 Computer Hardware& Network Maintenance	
	11 Basic Cosmetology	
	12 Dress Making	
	13 Fashion Design and Technology	
	14 Food Production (General)	
	15 Front Office Assistant	
	16 Fruits and Vegetables Processing	
	17 Sewing Technology	
	- This order y	
	20 Food and Beverages Service Assistant	
	21 Stenographer Secretarial Assistant ( Hindi)	
11 JAMMU & KASHMIR	Stenographer Secretarial Assistant ( Hindi)      Mason (Building Constructor)	

12	JHARKHAND	1	Fitter
	3777111177711		Foundryman
			Machinist
			The state of the s
			Mechanic Motor Vehicle
			Mason (Building Constructor)
			Mechanic Mining Machinery
			Hospital Housekeeping
		8	Housekeeper
13	KARANATAKA	1	Electronics Mechanic
		2	Fitter
		3	Turner
		4	Welder
		5	Mahcinist Grinder
		6	
			Mechanic Auto Body Painting
		7	Mechanic Refrigeration and Air Conditioner
		8	Sheet Metal Worker
		9	Tool & Die Maker (Dies & Moulds)
		10	Tool & Die Maker ( Press tools, Jigs & Fixture)
		11	Technician Medical Electronics
		12	Welder(GMAW& GTAW)
		13	Welder (Pipe)
		14	Welder (Structural )
			Welder(Fabrication & Fitting)
		16	Welder ( Welding & Inspection)
		10	weider ( weiding & hispection)
1.4	KEDALA	- 1	T
14	KERALA	1	Turner
		2	Welder
		3	Carpenter
		4	Domestic Painter
		5	Industrial Painter
		6	Instrument Mechanic
		7	Mechanic Refrigeration and Air Conditioner
		8	Mechanic Auto Electrical and Electronics
	4 7	9	Mechanic Machine Tool Maintenance
		10	Operator Advance Machine Tool
		11	
			Painter(General)
		12	Plastic Processing Operator
		13	Radiology Technician
		14	Tool & Die Maker (Dies & Moulds)
		15	Tool & Die Maker ( Press tools, Jigs & Fixture)
		16	Technician Medical Electronics
		17	Technician Power Electronics Systems
		18	Vessel Navigator
		19	Welder(GMAW& GTAW)
		20	Welder (Pipe)
		21	Welder (Structural )
		22	Welder(Fabrication & Fitting)
		23	Welder ( Welding & Inspection)
		24	Wireman
		25	Mechanic Motor Vehicle
		26	Information and Connunication Technology System Maintenance
		27	Lift and Escalator Mechanic
		28	Plumber
_			
		29	Draughtsman(Civil)
		30	Draughtsman Mechanical
	1	31	Surveyor
		32	Architectural Draughtsman
2		33	Civil Engineering Assistant
0.00		34	Interior Design and Decoration
100		35	Computer Hardware& Network Maintenance
	and the second s	36	Dairying
	£.	1 70	
-	š.	37	Dental Laboratory Equipment Technician

		39	Desktop Publishing Operator
		40	Fashion Design and Technology
	-3	41	Food Bevarage
		42	Front Office Assistant
		43	Milk and Milk Product Technician
		44	Computer Aided Embroidery and Designing
		45	Horticulture
		46	Hospital Housekeeping
		47	
			Tourist Guide
		48	Stenographer Secretarial Assistant ( Hindi)
15	MADHYA PRADESH	1	Electrician
	The state of the s	2	Turner
		3	
			Welder
		4	Carpenter
		5	Domestic Painter
		6	Foundryman
		7	Industrial Painter
		8	Machinist
		9	Mechanic Tractor
		10	Painter(General)
		11	Plastic Processing Operator
		12	Sheet Metal Worker
		13	Solar Technician(Electrical)
		14	Welder(GMAW& GTAW)
		15	Welder (Pipe)
		16	Welder (Structural )
		-	
		17	Welder(Fabrication & Fitting)
		18	Welder ( Welding & Inspection)
		19	Attendant Operator (Chemical Plant)
		20	Instrument Mechanic(Chemical Plant)
	*	21	Labrotary Assistant (Chemical Plant)
		22	Maintenance Mechanic(Chemical Plant)
		23	Mechanic Motor Vehicle
		24	Mason (Building Constructor)
		25	Mechanic Mining Machinery
		26	Computer Operator and Programming Assistant
		27	Desktop Publishing Operator
		28	Secretarial Practice (English)
200		29	Stenographer Secretarial Assistant ( English)
		30	Surface Ornamentation Techniques (Embroidery)
		31	Fire Technology and Industrial Safety Management
		32	Fireman
		33	
			Health Safety and Enviornment
		34	Spa Therapy
16	MEGHALYA	1	Peria Company
	MEGHALIA	2	Basic Cosmetology
			Trave and Tour Assistant
27	MICHAM MIZORAM	1	
21	MICHAM MIZORAM	1	Computer Operator and Programming Assistant
		2	Baker & Confectioner
18	MANIADACUTDA	1	
10	MAHARASHTRA	1	Electrician
		2	Domestic Painter
		3	Electroplater
		4	Industrial Painter
		5	Mechanic Consumer Electronic Appliances
		6	Mechanic Two and Three Wheeler
		7	Mechanic Auto Body Repair
		8	Mechanic Refrigeration and Air Conditioner
		9	Mechanic Agricultural Machinery
	-/A A	10	Mechanic Diesel
		11	Mechanic Machine Tool Maintenance
5		12	Operator Advance Machine Tool

		13	Painter(General)
		14	Pump Operator Cum Mechanic
		15	Sheet Metal Worker
		16	Tool & Die Maker (Dies & Moulds)
		17	Tool & Die Maker ( Press tools, Jigs & Fixture)
			Technician Medical Electronics
		19	Technician Power Electronics Systems
			Wireman
		21	Attendant Operator (Chemical Plant)
			Instrument Mechanic(Chemical Plant)
		-	Labrotary Assistant (Chemical Plant)
		24	Maintenance Mechanic(Chemical Plant)
-			Mechanic Motor Vehicle
-			
			Information and Communication Technology System Maintenance
			Information Technology
		28	Mason (Building Constructor)
-		29	Plumber
		30	Textile Wet Processing Techincian
			Weaving Technician
		32	Draughtsman(Civil)
		33	Draughtsman Mechanical
			Surveyor
		35	Architectural Draughtsman
		36	Civil Engineering Assistant
		37	Interior Design and Decoration
		38	Computer Operator and Programming Assistant
		39	Baker & Confectioner
		40	Computer Hardware& Network Maintenance
		41	Dairying
		42	Basic Cosmetology
		43	Dress Making
		44	Desktop Publishing Operator
	-	45	Fashion Design and Technology
		46	Food Production (General)
		47	Food Bevarage
		48	Fruits and Vegetables Processing
		49	Milk and Milk Product Technician
		50	Multimedia Animation and Special Effects
		51	Photographer
		52	Inches a village la constant de la c
100			Secretarial Practice (English)
-		53	Sewing Technology
		54	Surface Ornamentation Techniques( Embroidery)
		55	Catering and Hospitality Assistant
		56	Database System Assistant
		57	Food and Beverages Service Assistant
		58	Hospital Housekeeping
19	ODISHA	1	Electrician
		2	Electronics Mechanic
		3	Fitter
		4	Turner
		5	Welder
		6	Domestic Painter
		7	Foundryman
		8	Industrial Painter
		9	Instrument Mechanic
		10	Machinist
		11	Marine Engine Fitter
3		12	Marine Fitter
4		13	Mechanic Refrigeration and Air Conditioner
議		14	Mechanic Machine Tool Maintenance
-17		15	Operator Advance Machine Tool
71	//		
1			
115	1	16 17	Painter(General) Plastic Processing Operator

		18	Pump Operator Cum Mechanic
		19	Sheet Metal Worker
		20	Solar Technician(Electrical)
		21	Tool & Die Maker (Dies & Moulds)
		22	Tool & Die Maker ( Press tools, Jigs & Fixture)
		23	Technician Mechatronics
		24	Welder(GMAW& GTAW)
		25	Welder (Pipe)
		26	
			Welder (Structural )
		27	Welder(Fabrication & Fitting)
		28	Welder ( Welding & Inspection)
		29	Wireman
		30	Mechanic Motor Vehicle
		31	Central Air Condition Plant Mechanic
		32	Information and Connunication Technology System Maintenance
	W-5-2	33	Information Technology
		34	Textile Wet Processing Techincian
		35	Baker & Confectioner
		36	Dress Making
		37	Fashion Design and Technology
		38	
			Database System Assistant
		39	Horticulture
20 20	MDICHERRY		140
20 PO	NDICHERRY	1	Wireman
21 RA	JASTHAN	1	Electrician
- Inc		2	Fitter
		3	Carpenter
		4	Instrument Mechanic
		5	Mahcinist Grinder
	19	6	Mechanic Consumer Electronic Appliances
		7	Mechanic Two and Three Wheeler
		8	Mechanic Auto Body Repair
		9	Mechanic Refrigeration and Air Conditioner
		10	Mechanic Diesel
		11	Mechanic Tractor
		12	Plastic Processing Operator
		13	Tool & Die Maker (Dies & Moulds)
		14	Tool & Die Maker ( Press tools, Jigs & Fixture)
		15	Wireman
		16	Attendant Operator (Chemical Plant)
		17	Instrument Mechanic(Chemical Plant)
		18	Labrotary Assistant (Chemical Plant)
		19	Maintenance Mechanic(Chemical Plant)
		20	Central Air Condition Plant Mechanic
		21	Information and Connunication Technology System Maintenance
		22	Information Technology
		23	Mechanic Mining Machinery
		24	Plumber
		25	Computer Operator and Programming Assistant
		26	Baker & Confectioner
		27	Computer Hardware& Network Maintenance
		28	Dairying
		29	Fashion Design and Technology
		30	Food Bevarage
		31	Front Office Assistant
		32	
			Fruits and Vegetables Processing
		33	Health Sanitory Inspector
		34	Milk and Milk Product Technician
		35	Secretarial Practice (English)
		36	Database System Assistant
	*	37	Fire Technology and Industrial Safety Management
			, , , ,

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		39	Food and Beverages Service Assistant
		40	Health Safety and Enviornment
		41	Horticulture
		42	Hospital Housekeeping
		43	Leather Goods Maker
		44	Stenographer Secretarial Assistant ( Hindi)
22	TAMILNADU	1	Fitter
	2	2	Turner
		3	Welder
		4	Carpenter
		5	Domestic Painter
		6	Electroplater
		7	Foundryman
-		8	Industrial Painter
-		9	
			Instrument Mechanic
		10	Mahcinist Grinder
		11	Machinist
		12	Marine Engine Fitter
		13	Marine Fitter
		14	Mechanic Refrigeration and Air Conditioner
		15	Mechanic Agricultural Machinery
		16	Mechanic Auto Electrical and Electronics
		17	Mechanic Machine Tool Maintenance
		18	Operator Advance Machine Tool
		19	Painter(General)
		20	Plastic Processing Operator
		21	Sheet Metal Worker
		22	Technician Mechatronics
		23	Vessel Navigator
_		24	Welder(GMAW& GTAW)
		25	Welder (Pipe)
		26	Welder (Structural )
		27	Welder (Structurar) Welder (Fabrication & Fitting)
_		28	<del>                                     </del>
			Welder ( Welding & Inspection)
		29	Wireman
_		30	Attendant Operator (Chemical Plant)
		31	Instrument Mechanic(Chemical Plant)
		32	Labrotary Assistant (Chemical Plant)
		33	Maintenance Mechanic(Chemical Plant)
		34	Mechanic Motor Vehicle
		35	Central Air Condition Plant Mechanic
		36	Information and Connunication Technology System Maintenance
		37	Information Technology
		38	Lift and Escalator Mechanic
		39	Mason (Building Constructor)
		40	Plumber
	1 T	41	Spinning Techinician
		42	Textile Wet Processing Techincian
		43	
			Textile Mechatronics
		44	Computer Hardware& Network Maintenance
		45	Dental Laboratory Equipment Technician
		46	Digital Photographer
		47	Desktop Publishing Operator
		48	Fashion Design and Technology
		49	Food Production (General)
	3	50	Food Bevarage
		51	Front Office Assistant
5/		52	Multimedia Animation and Special Effects
-4		53	Photographer
25.4		54	Finance Executive
9		55	Footwear Maker

23	TELANGANA	1	Electrician
23	TEDRITORIA	2	
		3	Draughtsman(Civil)
		4	Draughtsman Mechanical Surveyor
		5	
		6	Architectural Draughtsman
		7	Civil Engineering Assistant
			Interior Design and Decoration
_		8	Computer Operator and Programming Assistant
_		9	Sewing Technology
24	TRIPURA	1	Machania Auto Flockrical - J.Fl.
	THEONA	2	Mechanic Auto Electrical and Electronics
-		3	Pump Operator Cum Mechanic
-			Mason (Building Constructor)
		4	Food Bevarage
_		5	Front Office Assistant
25	LITTAR PRADECLI		
25	UTTAR PRADESH	1	Electrician
		2	Electronics Mechanic
		3	Fitter
		4	Turner
		5	Domestic Painter
		6	Electroplater
		7	Industrial Painter
		8	Instrument Mechanic
		9	Mahcinist Grinder
		10	Mechanic Consumer Electronic Appliances
	150	11	Mechanic Two and Three Wheeler
		12	Mechanic Auto Body Repair
		13	Mechanic Refrigeration and Air Conditioner
		14	Mechanic Agricultural Machinery
		15	Mechanic Tractor
		16	Painter(General)
		17	Radiology Technician
		18	Sheet Metal Worker
	F	19	Tool & Die Maker (Dies & Moulds)
		21	Tool & Die Maker ( Press tools, Jigs & Fixture) Wireman
		22	
		23	Mechanic Motor Vehicle
			Central Air Condition Plant Mechanic
-		24	Information and Connunication Technology System Maintenance
			Information Technology
		26	Mason (Building Constructor)
		27	Mechanic Mining Machinery
		28	Plumber
		29	Draughtsman(Civil)
		30	Draughtsman Mechanical
		31	Surveyor
		32	Architectural Draughtsman
		33	Civil Engineering Assistant
		34	Interior Design and Decoration
		35	Computer Operator and Programming Assistant
		36	Dental Laboratory Equipment Technician
		37	Basic Cosmetology
		38	Dress Making
			Desktop Publishing Operator
		40	Fashion Design and Technology
			Food Production (General)
			Front Office Assistant
			Health Sanitory Inspector
			Physiotherapy Technician
	*		Secretarial Practice (English)
,			Sewing Technology
6		47	Surface Ornamentation Techniques (Embroidery)

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		48	Computer Aided Embroidery and Designing
		49	Catering and Hospitality Assistant
		50	Fire Technology and Industrial Safety Management
		51	Fireman
		52	Hospital Housekeeping
		53	Housekeeper
		54	Spa Therapy
		55	Stenographer Secretarial Assistant ( Hindi)
26	UTTARAKHAND	1	Baker & Confectioner
		2	Dental Laboratory Equipment Technician
		3	Health Sanitory Inspector
		4	Physiotherapy Technician
		5	Secretarial Practice (English)
27	WEST BENGAL	1	Electronics Mechanic
		2	Fitter
		3	Turner
		4	Welder
-		5	Carpenter
		6	Foundryman
		7	Mahcinist Grinder
		8	Machinist
		9	Mechanic Auto Body Painting
		10	Mechanic Refrigeration and Air Conditioner
		11	Sheet Metal Worker
		12	Tool & Die Maker (Dies & Moulds)
-		13	Tool & Die Maker ( Press tools, Jigs & Fixture)
		14	Technician Power Electronics Systems
		15	Welder(GMAW& GTAW)
		16	Welder (Pipe)
		17	Welder (Structural )
		18	Welder(Fabrication & Fitting)
		19	Welder ( Welding & Inspection)
		20	Wireman
		21	Attendant Operator (Chemical Plant)
		22	Instrument Mechanic(Chemical Plant)
		23	Labrotary Assistant (Chemical Plant)
		24	Maintenance Mechanic(Chemical Plant)
		25	Mechanic Motor Vehicle
		26	Information Technology
		27	Mason (Building Constructor)
		28	Plumber
		29	Draughtsman(Civil)
		30	Draughtsman Mechanical
		31	Surveyor
		32	
		33	Architectural Draughtsman
			Civil Engineering Assistant
		34	Interior Design and Decoration
		35	Computer Operator and Programming Assistant
		36	Baker & Confectioner
		37	Computer Hardware& Network Maintenance
		38	Basic Cosmetology
		39	Dress Making
		40	Food Bevarage
		41	Front Office Assistant
		42	Fruits and Vegetables Processing
		43	Sewing Technology
3		44	Horticulture

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