

Government of India
Ministry of Skill Development and Entrepreneurship
Directorate General of Training

Shram Shakti Bhawan, Rafi Marg,
New Delhi, dated 06th January, 2017

To

1. All the State Directors (Dealing with Craftsmen Training Scheme).
2. The Principal, NVTI-Noida and RVTIs-Mumbai, Bengaluru, Thiruvananthapuram, Panipat, Kolkata, Tura, Indore, Allahabad, Jaipur, Vadodara, Shimla, Mohali, Agartala, Trichy and Patna.

Subject:-Guidelines for OMR based All India Trade Test (Semester System / Conventional System) under Craftsmen Training Scheme (CTS)- for State Directors, Trade Testing Centres and Trainees for I/II/III/IV Semester to commence from 02nd February, 2017.

Sir,

The All India Trade Test for the Semester I/II/III/IV and Conventional system under CTS is scheduled to be held from **02nd February, 2017**. Trade Testing Cell (TTC) has worked out various modalities for smooth conduct of examination.

As you are aware that, the theory subject papers for all the semesters are objective type except Engineering Drawing Paper which is subjective type in 2nd Semester and onwards. The objective type question papers are to be answered on OMR sheet supplied by DGT as per indent received from State Directors. The packets of OMR sheet will be sent to the respective State Directors who will further distribute these packets of OMR sheets to the trade testing centres under their control and they will collect the OMR sheets after the finish of exams within two days from the examination centres.

IMPORTANT :- New initiative in AITT w.e.f. February, 2017:-

- (i) **Trainee without NCVT MIS generated Hall Ticket is not allowed to appear in exam.**
- (ii) There will be more than one set of question paper **in AITT under CTS February, 2017, the theory paper of trade Fitter & Electrician of Semester-I, II, III & IV will have 04 type of question papers i.e. Booklet series A, B, C & D.**
- (iii) Trainees must mark booklet series in OMR i.e. A, B, C & D.
- (iv) Distribution of question paper having booklet **'A' series will be given to first trainee, 'B' will be for second trainee, 'C' will be for third trainee and 'D' will be given for fourth trainee** and again this pattern of distribution may be followed for all the trainees.
- (v) All objective type question papers carry negative marking. **25% marks of marks allocated to each question will be deducted for each wrong answer.**
- (vi) Check NEWS & UPDATES daily on NCVT MIS Portal for latest information regarding AITT February, 2017 examination.
- (vii) Invigilator on duty may ensure that the trainee will write a correct booklet series A,B,C,D from question paper of Electrician and Fitter trade.

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1. Question Papers for Engineering and Non-Engineering trades under semester system:-

Semester-I

- There will be a common theory paper for the trades given below in **Semester-I** :-
 - a) Mechanic Diesel Engine, Mechanic Tractor, Mechanic Auto Electrician and Electronics, Mechanic Motor Cycle, Pump Operator cum Mechanic, Mechanic Motor Vehicle and Mechanic Agricultural Machinery. **(7 Trades)**
 - b) Electrician, Wireman, Electroplater and Lift & Escalator Mechanic. **(4 Trades)**
 - c) Tool & Die Maker (Dies & Moulds) and Tool & Die Maker (Press Tools, Jigs & Fixtures). **(2 Trades)**
 - d) Trade Architectural Draughtsmanship is Non-Engineering for Trainees admitted in August, 2014 and Engineering for Trainees admitted in August, 2015.
- There will be a **common paper of Workshop Calculation & Science and Engineering Drawing** for all Engg. Trades in semester-I on the basis of entry qualification 8th pass and 10th pass for both one year and 2 years duration trades except the trade Architectural Draughtsmanship. The W/Sh. Cal. & Sci. and Engineering Drawing paper is separate and trade specific for Architectural Draughtsmanship trade **(Annexure-A)**.

Semester-II

- There is a common theory paper for the trades given below in the second semester.
 - (a) Electronics mechanic, Technician Power Electronic System, Mechanic Consumer Electronics Appliances – **(03 trades)**.
 - (b) Tool & Die Maker (Dies & Moulds), Tool & Die Maker (Press Tools, Jigs & Fixtures) – **(02 Trades)**.
- There will be a **common paper of Workshop Calculation & Science and Engineering Drawing** for all Engg. trades in semester-II on the basis of entry qualification 8th pass and 10th pass for both one year and 2 years duration trades **(Annexure-A)**. Trade code will be marked on question papers for concerned trades.

Semester-III & IV

Note:- There will be grouping of trades on the basis of revised syllabus in year 2015 for W/Sh. Cal. & Sci. and Engg. Drawing's papers **(Annexure-B)**. Pattern of latest syllabus will be followed for all trades including Chemical Plant group of trades

FOR NON-ENGINEERING TRADES

- There will be a common theory paper for the trades Secretarial Practice and Stenography & Secretarial Assistant (English) **(2 Trades) in Semester-I only**.

GENERAL GUIDELINES

- All the **objective type** papers are to be answered on given OMR Sheet. Sample OMR Sheet is enclosed.
- The OMR sheets will be sent directly to the State Directorate at least 15 days before the commencement of OMR based Examination and **not alongwith the question papers.**

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In AITT under CTS, February, 2017 Trade Theory paper of Trade Fitter and Electrician for Semester-I, II, III & IV will have **04 type of question papers i.e. Booklet series A, B, C & D.** Candidates & Invigilator are advised to ensure marking of booklet series in OMR.

- There is a common paper for 63 trades revised in August, 2013 and revised by Mentor Council in August, 2014 as already intimated vide letter no. **MSDE-18011/2/2014-TTC (Semester System)-TTC-Pt.** dated **03.09.2015**.
- The subject **Employability Skills** will be covered as per DGET letter no. **DGET-19/17/2010-CD-Pt.** dt. **28th Nov. 2013** in I / II Semester. There will be no paper for **Employability Skills** for **Semester III & IV**.
- **Second semester** onwards the exam in the **subject Engineering Drawing** for all the Engineering trades shall be of conventional type with **four hour duration** and maximum marks **75 (to be attempted on Drawing Sheet)**.
- Trade Name, Trade Code, Trade Subject, Paper-I/II/III, Part-A/B, Semester-I/II/III/IV, Booklet series A,B,C,D. the maximum marks and exam duration shall be mentioned on the top of question paper.
- Evaluation of OMR based papers shall be carried out by agency selected for the purpose.

2. Instructions to State Directors:-

1. For the trades Steno (English), Steno (Hindi) and Secretarial Practice etc. and such other similar trades; **There will be only two papers**
 - (i.) **Trade Theory + Employability Skills** and
 - (ii.) **Trade Practical** as given in the syllabus.
 - (iii.) There will be no separate question papers in the subject "Cognate".
2. For the **Non-Engineering trade(s) Cane Willow and Bamboo Worker/ Weaving of Woollen Fabrics** there will be **two papers**:
 - (i.) **Trade Theory + Employability Skill** and
 - (ii.) **Trade Practical** only.
 - (iii.) No paper shall be held in Workshop calculation & science and Engineering Drawing, hence forth in above mentioned Non- engineering trades.
3. **Trades codes** are unique for each trade and are same as in August, 2014 examination. However, the trade syllabi revised by Mentor councils w.e.f August 2014 and their codes are starting from **201 to 283** (~~list enclosed~~) for the students who admitted in August 2014. **There will be common paper for the trainees admitted in August 2013 and August 2014 for corresponding trade and trade codes will be like 6/210, 7/206, 9/214 and so on the question paper.**
4. Sealed Question papers packets shall be sent to **authorized Banks/ Police station/ Treasury** at the addresses provided by the State Directorates, one week before the date of exam.
5. **Bill of Material** would be sent by password protected E-mail to State Directorates for onward transmission to concern ITIs.
6. Bank Guidelines and OMR sheets shall be sent to State Directorates.

7. DGT had faced lot of problems in identifying the correct OMR Sheet for concerned trainees. There was incorrect filling of Roll No., State Code, Trade Code, Duration of trade, Paper, Session etc. by the trainees which resulted in considerable delay in evaluating the OMR sheets correctly. State Directorates may ensure that data is filled in OMR sheet correctly by the trainees. Special care should be taken while filling Roll Nos. and Trade Code.

3. INSTRUCTIONS TO TRADE TESTING CENTRES:-

1. The **OMR Sheets** shall be distributed **half an hour before** the examination time so that trainees can fill all the details correctly in the given time.
2. There is a **single colour of OMR** sheet for all Semesters.
3. There will be no answer sheet supplied by DGT for theory paper, not even for the NIMI pattern papers.
4. The Question Papers will be **bilingual** i.e. **Hindi, English and 08** regional languages.
5. The **general instructions** in OMR sheet are **bilingual**.
6. In the event of non-receipt of regional language paper, invigilator would follow the direction(s) issued vide *DGET-19/01/2014-CD (Part-II) dated 20.02.2014* for trainees to understand in vernacular language.
7. The Chairman of Trade Testing Centres or the Principals of ITI must sensitize the bank(s) regarding exam and its schedule, Bank guidelines and the collection schedule of packets. They also should be **in touch with the authorized bank from time to time**.
8. The Chairman of Trade Testing Centres or the Principals of ITI must sensitize the candidates **before the start of exam**, about Objective type papers which carries **negative marking** and question paper of trade Fitter and Electrician has booklet series A,B,C,D.
9. It is observed that the very high numbers of candidates are making mistakes while filling details in OMR like wrong roll no. Semester, Trade and Paper etc. which is resulting non-declaration of result. **Invigilator may be sensitized to check all these critical entries before making signature on OMR.**

4. INSTRUCTIONS TO TRAINEES:-

USE ONLY MIS ALLOTTED ROLL NUMBER AND TRADE CODE PRINTED ON ADMIT CARD:-

- a) Go through the instructions contained in the above guidelines and keep visiting the website i.e. dget.gov.in and NCVT MIS Portal for any information.
- b) The Objective type questions should be attempted 100%. Marks will be given to the attempted question. No marks will be deducted for questions which are not attempted. However, negative marking will be done for attempted wrong question. The OMR based Objective paper carries **negative marking**.
- c) Use half an hour extra time given before the exam to go through the OMR Sheet contents. Fill it correctly.
- d) **You must correctly fill your 14 digits roll no., Semester, Trade Code, Trade Name, Booklet series only for Trade Fitter and Electrician and Paper etc. in OMR Sheet. In case of wrong filling, the result will not be declared.**

- e) Second Semester onwards Engineering Drawing paper will be as conventional pattern and has to be attempted on drawing sheet for 75 Marks and 4 hours duration. **(NOT NIMI PATTERN)**.
- f) All the Trainees of Non- Engineering trades in second semester will write only **Part B- Employability Skills**. They will **not fill** Part A- Workshop Calculation & Science.
- g) Use **Black Ball Point pen** only for filling OMR Sheet.
- h) The booklet series to be mentioned is "A" except Fitter and Electrician trade. In case of Fitter and Electrician, the booklet series to be mentioned is "A", "B", "C" and "D".
- i) The Trainees are allowed to use calculator during exam.
- j) *For any other clarification, the trainees may check from concerned ITI or the State Directorate office from time to time. **They may also check DGT website (dget.nic.in) and NCVT MIS Portal from time to time for any addition and alteration in above information.***

5. **NCVT-MIS Portal:-** For new instructions, please see DGT website regularly under examination icon.

6. **Problems faced by trainees in exam:-** It has been observed that trainees has filled wrong trade code for the revised trades due to the ignorance of the invigilators and staff deputed at the trade testing centres who communicated the wrong trade code and other information to the students. As the trade testing centres are set up in Intercollege schools, Polytechniques and Engineering colleges and their staff on exam duty are not much familiar with the subject, trade codes and Craftsmen Training Scheme.

In view of above, you are requested to arrange a one day awareness training programme for the staff who will be deputed to conduct the exam in Intercolleges, Schools, Polytechniques and Engineering Colleges in respect of semester, subjects, trade codes and Craftsmen training scheme. First time booklet series is introduced for two trades Fitter and Electrician, State Directorate may also give wide publicity among the trainees, instructors and invigilator on exam duty to avoid mistakes.

Yours faithfully



(S. K. Gupta)
Director (TTC)

ANNEXURE-A

Trade Name of 8th pass trades for Sem-I & Sem-II

Sl. No.	Trade Name
1	Carpenter
2	Excavator Operator
3	Sanitary Hardware
4	Fitter
5	Foundryman
6	Foundryman Technician
7	Mason
8	Mechanic (Tractor)
9	Plumber
10	Sheet Metal Worker
11	Welder
12	Welder (GAW & GTAW)
13	Painter General
14	Wireman

Sl. No.	Sem	Subject	Trade Groups
1	IV	W/Sh. Cal & Sci.	<p>Attendant Operator (Chemical Plant) (30), Instrument Mechanic Chemical Plant (38), Laboratory Assistant Chemical Plant (40), Maintenance Mechanic Chemical Plant (44)</p> <p>Draughtsman Civil (31/217), Draughtsman Mechanic (32/224), Fitter (36/227), Machinist (42/222), Machinist Grinder (43/223), Mechanic Agriculture Machinery (47/216), Mechanic Machine Tool Maintenance (52/225), Mechanic Motor Vehicle (55/215), Mechanic RAC (56/218), Operator Advanced Machine Tool (58/226), Tool & Die Maker (Dies & Moulds) (65/228), Tool & Die Maker (Press Tools, Jigs & Fixtures) (66/229), Turner (67/221), Tools, Jigs & Fixtures) (66/229), Turner (67/221), Refractory Technician (72A)</p> <p>Electrician (33/231), Electroplater (35/233), Lift Mechanic / Lift & Escalator Mechanic (41/234)</p> <p>Electronics Mechanic (34/219), Mechanic Consumer Electronics/Mechanic Consumer Electronics (49/273), Technician Power Electronic System (265)</p> <p>Instrument Mechanic (37)</p> <p>ITESM/ ICTSM (39/220), Information Technology (277)</p> <p>Marine Fitter (45)</p> <p>Mechanic Computer Hardware (48)</p> <p>Mechanic-Cum-Operator Electronics Communication System (50)</p> <p>Mechanic Industrial Electronics (51)</p> <p>Mechanic Mechatronics (53)</p> <p>Mechanic Medical Electronics (54)</p> <p>Mechanic Radio & T.V. (57)</p> <p>Painter General (59)</p> <p>Radiology Technician (60)</p> <p>Spinning Technician (61/235), Textile Wet Processing Technician (64/237), Weaving Technician (69/238)</p> <p>Surveyor (62)</p> <p>Textile Mechatronics (63/236)</p> <p>Vessel Navigator (68)</p> <p>Wireman (70/232)</p> <p>Mechanic RAC Plant (275)</p> <p>Attendant Operator (Chemical Plant) (30), Instrument Mechanic Chemical Plant (38), Laboratory Assistant Chemical Plant (40), Maintenance Mechanic Chemical Plant (44)</p> <p>Fitter (36/227), Machinist (42/222), Machinist Grinder (43/223), Mechanic Agriculture Machinery (47/216), Mechanic Machine Tool Maintenance (52/225), Mechanic Motor Vehicle (55/215), Mechanic RAC (56/218), Operator Advanced Machine Tools (58/226), Tool & Die Maker (Dies & Moulds) (65/228), Tool & Die Maker (Press Tools, Jigs & Fixtures) (66/229), Turner (67/221), Refractory Technician (274)</p> <p>Electrician (33/231), Electroplater (35/233), Lift Mechanic / Lift & Escalator Mechanic (41/234)</p> <p>Electronics Mechanic (34/219), Mechanic Consumer Electronics/Mechanic Consumer Electronics (49/273), Technician Power Electronic System (265)</p> <p>Instrument Mechanic (37)</p> <p>ITESM/ ICTSM (39/220), Information Technology (277)</p> <p>Marine Fitter (45)</p> <p>Mechanic Computer Hardware (48)</p> <p>Mechanic-Cum-Operator Electronics Communication System (50)</p> <p>Mechanic Industrial Electronics (51)</p> <p>Mechanic Mechatronics (53)</p> <p>Mechanic Medical Electronics (54)</p> <p>Mechanic Radio & T.V. (57)</p> <p>Painter General (59)</p> <p>Radiology Technician (60)</p> <p>Spinning Technician (61/235), Textile Wet Processing Technician (64/237), Weaving Technician (69/238)</p> <p>Textile Mechatronics (63/236)</p> <p>Vessel Navigator (68)</p> <p>Wireman (70/232)</p> <p>Mechanic RAC Plant (275)</p>
		Engineering Drawing	

2		<p>Attendant Operator (Chemical Plant) (30), Instrument Mechanic Chemical Plant (38), Laboratory Assistant Chemical Plant (40), Maintenance Mechanic Chemical Plant (44)</p> <p>Draughtsman Civil (31/217), Draughtsman Mechanic (32/224), Fitter (36/227), Machinist (42/222), Machinist Grinder (43/223), Mechanic Agriculture Machinery (47/216), Mechanic Machine Tool Maintenance (52/225), Mechanic Motor Vehicle (55/215), Mechanic RAC (56/218), Operator Advanced Machine Tool (58/226), Tool & Die Maker (Dies & Moulds) (65/228), Tool & Die Maker (Press Tools, Jigs & Fixtures) (66/229), Turner (67/221), Refractory Technician (274)</p> <p>Electrician (33/231), Electroplater (35/233), Lift Mechanic / Lift & Escalator Mechanic (41/234), Electronics Mechanic (34/219), Mechanic Consumer Electronics/Mechanic Consumer Electronics (49/273), Technician Power Electronic System (265)</p> <p>Instrument Mechanic (37)</p> <p>ITESM/ ICTSM (39/220), Information Technology (277)</p> <p>Marine Fitter (45)</p> <p>Mechanic Computer Hardware (48)</p> <p>Mechanic-Cum-Operator Electronics Communication System (50)</p> <p>Mechanic Industrial Electronics (51)</p> <p>Mechanic Mechatronics (53)</p> <p>Mechanic Medical Electronics (54)</p> <p>Mechanic Radio & T.V. (57)</p> <p>Painter General (59)</p> <p>Radiology Technician (60)</p> <p>Spinning Technician (61/235), Textile Wet Processing Technician (64/237), Weaving Technician (69/238)</p> <p>Surveyor (62)</p> <p>Textile Mechatronics (63/236)</p> <p>Vessel Navigator (68)</p> <p>Wireman (70/232)</p> <p>Mechanic RAC Plant (275)</p>
	W/Sh. Cal & Sci.	<p>Attendant Operator (Chemical Plant) (30), Instrument Mechanic Chemical Plant (38), Laboratory Assistant Chemical Plant (40), Maintenance Mechanic Chemical Plant (44)</p> <p>Fitter (36/227), Machinist (42/222), Machinist Grinder (43/223), Mechanic Agriculture Machinery (47/216), Mechanic Machine Tool Maintenance (52/225), Mechanic Motor Vehicle (55/215), Mechanic RAC (56/218), Operator Advanced Machine Tools (58/226), Tool & Die Maker (Dies & Moulds) (65/228), Tool & Die Maker (Press Tools, Jigs & Fixtures) (66/229), Turner (67/221), Refractory Technician (274)</p> <p>Electrician (33/231), Electroplater (35/233), Lift Mechanic / Lift & Escalator Mechanic (41/234), Electronics Mechanic (34/219), Mechanic Consumer Electronics/Mechanic Consumer Electronics (49/273), Technician Power Electronic System (265)</p> <p>Instrument Mechanic (37)</p> <p>ITESM/ ICTSM (39/220), Information Technology (277)</p> <p>Marine Fitter (45)</p> <p>Mechanic Computer Hardware (48)</p> <p>Mechanic-Cum-Operator Electronics Communication System (50)</p> <p>Mechanic Industrial Electronics (51)</p> <p>Mechanic Mechatronics (53)</p> <p>Mechanic Medical Electronics (54)</p> <p>Mechanic Radio & T.V. (57)</p> <p>Painter General (59)</p> <p>Radiology Technician (60)</p> <p>Spinning Technician (61/235), Textile Wet Processing Technician (64/237), Weaving Technician (69/238)</p> <p>Textile Mechatronics (63/236)</p> <p>Vessel Navigator (68)</p> <p>Wireman (70/232)</p> <p>Mechanic RAC Plant (275)</p>
	Engineering Drawing	
	III	

3	-	Common files Group (Theory)	<p>Mechanic (Diesel) (17/201), Mechanic (Tractor) (18/202), Pump-Operator-Cum-Mechanic (24/205), Mechanic Auto Electrician & Electronics (203), Mechanic Motor Cycle (204)</p> <p>Welder (29/212), Welder (GMAW & GTAW) (268), Welder Pipe (269), Welder Structural (270), Welder (Welding & Inspection) (271), Welder (Fabrication & Fitting) (272)</p> <p>Electrician (33/231), Electroplator (35/233), Lift Mechanic/Lift & Escalator Mechanic (41/234), Wireman (70/232)</p> <p>Electronics Mechanic (34/219), Mechanic Consumer Electronics/Mechanic Consumer Electronics (49/273), Technician Power Electronics System (265)</p> <p>Mechanic Agriculture Machinery (47/216), Mechanic Motor Vehicle (55/215)</p> <p>Textile Wet Processing Technician (64/237), Weaving Technician (69/238)</p> <p>Tool & Die Maker (Dies & Moulds) (55/228), Tool & Die Maker (Press Tools, Jigs & Fixtures) (66/229)</p> <p>Sewing Technology (99/247), Dress Making (103/248)</p> <p>Secretarial Practice (English) (125/258), Stenographer & Secretarial Assistant (English) (259)</p> <p>Mechanic Auto Body Repair (266), Mechanic Autobody Painting (267)</p>
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