



# Sample Test Project

**District / Zonal Skill Competitions**

**Skill – Print Technology**

*Category: Information and Communication Technology*

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## Section - A

### *A. Preface*

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#### **Skill Explained:**

Printing technologists are responsible for printing text and images on diverse materials. Working in a team, they usually perform all production steps from beginning to end. They receive orders from customers or from the prepress unit, from checking the documents, preparing for the print, set up machines, measure the inks, mount the material to be printed, monitor the printing process and take action if malfunctions occur. Printing technologists are required to comply with health and safety at work rules as well as environmental protection legislation. They are familiar with the risks involved in working with chemicals, for instance. They protect themselves by wearing gloves and filter masks. They dispose of waste products correctly in order to protect co-workers and the environment.

**Eligibility Criteria (for India Skills 2018 and World Skills 2019):**

Competitors born on or after 01 Jan 1997 are eligible to attend the Competition.

**Total Duration: 4 Hrs**

- Task 1 : 2 Hours
- Task 2 : 2 Hours

## Section - B

### B. Test Project

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**Description of project and tasks:**

#### Task 1: Module A/ Print Preparation

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**Time: 2 Hours**

You must deliver task in 2 hours

Create a folder called “YY\_Task1” on your desktop (where YY represents the number of your workstation).

All of your files must be saved in the folder

The task will be automatically collected at the end of two hours

**Subject:**

This competition about preparing the supplied document for printing in the specified format, size and matching color along with plotting the file for final print.

**Task Description:**

In this task the competitor needs to check the document provided for printing, like;

1. Colour check
2. Fonts & Type
3. Document size
4. Any distortion
5. Print margin

**Technical Specifications:**

Prepare the print in A3 Size and match the colours with the supplied documents.

**You must deliver:**

1. Folders as specified in “Instructions to the Competitor” on page 3.
2. Only files from these folders will be assessed.
3. Final output file

**Task 2: Plotting of file for print**

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**Time: 2 Hours**

You must deliver task in 2 hours

Create a folder called “YY\_Task1” on your desktop (where YY represents the number of your workstation).

All of your files must be saved in the folder

The task will be automatically collected at the end of two hours

**Subject:**

This competition about preparing the supplied document for printing in the specified format, size and matching color along with plotting the file for final print.

**Task Description:**

In this task you need to plot the files for print.

**Technical Specifications:**

Plot the files in A3 Size and make it ready for print.

**You must deliver:**

1. Folders as specified in “Instructions to the Competitor” on page 3.
2. Only files from these folders will be assessed.
3. Final output file

## Section – C

### C. Marking Scheme

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The Assessment is done by awarding points by adopting two methods, Objective and Subjective.

- Measurement - One which is measurable
- Judgmental - Based on Industry expectations / Standard

#### Marking Scheme

50% marks for technical skills

50% marks for conceptual skills

**The Section Criteria is the total of Subjective and Objective**

**Mark Sheet is attached as Appendix**

## Section - D

### D. Infrastructure List

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#### IT Equipment:

- Intel core i5 processor, 12GB ram
- 22inch Computer Screen
- Mouse & mousepad
- Wacom Graphic tablet,
- A3 Size Printer

#### Software:

- Adobe Photoshop
- Corel Draw
- Adobe Illustrator

#### Materials and Consumables:

- A3 115 gsm paper

#### General Requirements:

- Pencil
- Eraser
- Pencil Sharpener
- 18-inch steel scale
- Cutters

## Section – E

### E. Instructions for candidates

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#### General Rules

- Competitors should inform the officials on duty regarding the malfunctioning of their computers, tools and equipment.
- Competitors should be mindful of loose computer wires and electrical outlets on their workstations and throughout the competition area.
- Competitors to make sure that any rulers, cutting blades or other workstation equipment are not left hanging over the edge of the bench.
- Competitors are not allowed to walk around the work area with cutting blades, rulers or other workbench tools.



## **Section – F**

### **F. Health, Safety, and Environment**

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- All accredited participants, and supporting volunteers will abide by rules and regulations with regards to Health, Safety, and Environment of the Competition venue.
- All participants, technicians and supporting staff will wear the required protective Personnel clothing.
- All participants will assume liability for all risks of injury and damage to property, loss of property, which might be associated with or result from participation in the event. The organizers will not be liable for any damage, however in case of Injury the competitor will immediately inform the immediate organizer for medical attention.
- Proper covered shoes are to be worn.

### Annexure - 1

**Skill Name:** Print Technology

**Competitor Name:** \_\_\_\_\_

Task	Criteria	Mark
A	Print Preparation	50.00
B	Plotting for Printing	50.00
	<b>Grand Total</b>	<b>100.00</b>

Sub Criteria ID	Sub Criteria Name or Description	Aspect Type M = Meas J = Judg	Aspect - Description	Judg Score	Extra Aspect Description (Meas or Judg) OR Judgement Score Description (Judg only)	Max Mark
A1	named layers and sensible folder structure					
		M	Layers and folders have been given appropriate rather than default names (any language)			5
A2	All tasks completed on time					
		M	Each module every day must be finished to achieve this mark			5
A3	File prepared to the technical and artistic industry standards.					
		M	Colour/fonts type Checked and Corrected as per the standards			10

		M	Document checked for margin and size as per the provided instructions			10
		J	Font type and document size			10
				0	Font type and document size is incorrect	
				5	Font type is right but the document size is not right	
				5	Font type is not correct but the document size is right	
				10	Font type and document size is right.	
		M	Check for distortion and colour.		Margin is not defined. By default, margin used and no output paper size defined	10
				<b>Total Marks</b>		<b>50</b>

Plotting of file for Print						
B1						
		M	Checking the document for sequence			10
		M	Checking and marking the final print area			10
		G	Arranging the pages as per the print sequence			15
				0	Pages not arranged in right order	
				5	Pages arranged but the final numbering is not right	
				10	Pages arranged but not marked with print area	
				15	Pages arranged and printing area is also marked	
		M	File ready for print		Pages arranged, printing area marked, sequencing done, images if any in the document checked and corrected.	15
				<b>Total Marks</b>		<b>50</b>

