

# SREB

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**Integrated Production  
Technologies -  
Course 3**

Code: 9038

# **INTEGRATED PRODUCTION TECHNOLOGIES –**

## **COURSE 3**

**Test Code: 9038**

**Version: 01**

### **Specific Competencies and Skills Tested in this Assessment:**

*Information about the AC course standards can be found in the front of the AC course teacher guide.*

#### **CTE**

CTE.DM.1b  
CTE.DM.1c  
CTE.AMST.2c  
CTE.AMS.3g  
CTE.AMS.3i  
CTE.BM.4a  
CTE.BM.4e  
CTE.BM.4f

#### **Literacy**

L.RST.11-12.1  
L.RST.11-12.2  
L.RST.11-12.4  
L.RST.11-12.10

#### **Math**

A.SSE.1  
N.VM.1  
N.VM.2  
G.GMD.A3  
G.MG.A3

***Integrated Production Technologies – Course 3 (continued)***

**Science**

S.PS1-4

S-PS2-2

S-PS2-3

S-PS2-4

S-PS2-5

S-PS3-1

S-PS4-1

**Written Assessment:**

Administration Time: unlimited

Number of Questions: 54

***Areas covered:***

37%	CTE
19%	Literacy
22%	Math
22%	Science

***Sample Questions:***

Using mod9 to encrypt the alphabet, what number represents the letter “N”?

- A. 4
- B. 5
- C. 6
- D. 7

By what process do resin varnishes dry?

- A. Evaporation of the solvent
- B. Chemical reaction between components of the varnish
- C. Autoxidation between oils and the air
- D. Reaction between the varnish and furniture surface

Linseed oil, tung oil, and walnut oil are examples of what component of varnish?

- A. Finishing oils
- B. Acrylic oils
- C. Drying oils
- D. Alkyd oils