

Total Questions : 20

Max Score : 20

Duration : 1 hr

APQP/PPAP Post-Test

Score Obtained : 10

Time Taken : 3 min

29 sec

Attempted Right : 11

Attempted Wrong : 9

Not Attempted : 0

1 What are 2 benefits of APQP?

(1 Marks)

- a) Elimination of all risk
- b) Customer satisfaction
- c) A perfect product design
- d) On-time delivery

☐ a, d

☐ b, c

☒ b, d ✓

Your Score : 1

Competency Level : Level 1

Difficulty Level : Medium

**Learning Objective :
LO1.a.3**

2 PPAP may be used as a substitute for APQP.

(1 Marks)

☒ TRUE ✗

☐ FALSE ✓

Your Score : 0

Competency Level : Level 1

Difficulty Level : Medium

**Learning Objective :
LO1.a.4**

Answer Key

FALSE

3 What are two Outputs of Phase II - Design & Development?

(1 Marks)

- a) Control Plan
- b) DFMEA
- c) Product Prints (CAD Data)
- d) Work Instructions

☒ a, d ✗

☐ b, c ✓

c, d

Your Score : 0

Competency Level : Level 1

Difficulty Level : Medium

Learning Objective :
LO2.a.2

Answer Key

b, c

4 The Significant Production Run is included in APQP Phase IV

(1 Marks)

☒ TRUE ✓

☐ FALSE

Your Score : 1

Competency Level : Level 1

Difficulty Level : Medium

Learning Objective :
LO2.a.4

Answer Key

TRUE

5 Assuming that a PPAP is required, you must complete a PPAP for each
(1) end item (part number)

(1 Marks)

☒ TRUE ✓

☐ FALSE

Your Score : 1

Competency Level : Level 1

Difficulty Level : Medium

Learning Objective :
LO3.b.1

Answer Key

TRUE

6 PPAP is the culmination of documents that provide objective evidence
for the work that you completed during the APQP process.

(1 Marks)

☐ TRUE ✓

☒ FALSE ✗

Your Score : 0

Competency Level : Level 1

Difficulty Level : Medium

Learning Objective :
LO1.b.2

Answer Key

TRUE

ie Control Plan is independent of the PFMEA and there is no
rryover information.

(1 Marks)

- ☐ TRUE
- ☒ FALSE ✓

Answer Key

FALSE

Your Score : 1

Competency Level : Level 1

Difficulty Level : Medium

**Learning Objective :
LO4.a.5**

8 A "Gantt Chart" is commonly used to manage APQP project schedule.

(1 Marks)

- ☒ TRUE ✓
- ☐ FALSE

Answer Key

TRUE

Your Score : 1

Competency Level : Level 1

Difficulty Level : Medium

**Learning Objective :
LO2.b.1**

9 Typical tools used to manage a APQP project schedule include:

(1 Marks)

- a) A Gantt Chart
- b) A Perato Chart
- c) A Block Diagram
- d) A Paynter Chart

- ☒ a ✓
- ☐ b
- ☐ c
- ☐ d
- ☐ All of above

Answer Key

a

Your Score : 1

Competency Level : Level 1

Difficulty Level : Medium

**Learning Objective :
LO2.b.4**

1 PFMEA and DFMEA are risk management tools.

(1 Marks)

☒ TRUE ✓

☐ FALSE

Answer Key

TRUE

Your Score : 1

Competency Level : Level 1

Difficulty Level : Medium

Learning Objective :

LO2.b.9

1 Key APQP Objectives may include:

(1 Marks)

a) Defect free products

b) Minimal launch quality risks

c) Continual improvement

d) A perfect product design

☒ All of above ✗

☐ a, b, d

☐ a, b, c ✓

Your Score : 0

Competency Level : Level 1

Difficulty Level : Hard

Learning Objective :

LO1.a.2

1 A PPAP is required if:

(1 Marks)

a) You are developing a product for the first time.

b) You have changed your manufacturing process.

c) You have updated your training process.

d) You have a new supplier.

☒ a, b, c ✗

☐ a, b, d ✓

☐ b, c, d

Your Score : 0

Competency Level : Level 1

Difficulty Level : Hard

Learning Objective :

LO1.a.4

1 Concurrent Engineering minimizes "loop backs"

(1 Marks)

☒ TRUE ✓

FALSE

Your Score : 1

Competency Level : Level 1

Difficulty Level : Hard

**Learning Objective :
LO1.c.1**

Answer Key

TRUE

1 Phase 1 - Planning - Outputs do not include:

(1 Marks)

- a) Voice Of the Customer (VOC)
- b) Customer Specific Requirements
- c) Significant Production Run
- d) Statement Of Work (SOW)
- e) Product Design & Process Feasibility

☒ a ✖

☐ b

☐ c ✔

☐ d

☐ e

Answer Key

c

Your Score : 0

Competency Level : Level 1

Difficulty Level : Hard

**Learning Objective :
LO2.a.1**

1 Measurement Systems Analysis (MSA) includes:

(1 Marks)

- a) Bias, Linearity, Stability, Repeatability, and Reproducibility
- b) Gage R&R studies only
- c) Gage R&R and Number of Distinct Categories only
- d) Gage Calibration only

☒ a ✔

☐ b

c

d

Your Score : 1

Competency Level : Level 1

Difficulty Level : Hard

Learning Objective :

LO2.a.4

Answer Key

a

1 The following items are important to preparing for start of production. (1 Marks)

a) ALL operators have been trained AND there competency has been verified AND documented.

b) PPAP/PSW IS approved BY your customer(s).

c) ALL specialized WORK IS IN place ON the workroom floor.

d) ALL suppliers are PPAPed AND ready TO deliver their FIRST production shipments.

☒ All of above ! ✓

☐ a, c, d ✗

☐ b, c, d

Your Score : 0

Competency Level : Level 1

Difficulty Level : Hard

Learning Objective :

LO4.b.1

Answer Key

All of above

1 Dimensional samples should be taken from all of the different streams of variation, e.g., cavities, tools, cells, etc. (1 Marks)

☒ TRUE ✓

☐ FALSE

Your Score : 1

Competency Level : Level 1

Difficulty Level : Hard

Learning Objective :

LO4.a.2

Answer Key

TRUE

Why are Program/Project Objectives important?

(1 Marks)

Because the customer needs to understand your company's objectives.

Because the internal project team needs to have a clear definition of the scope and deliverables for the project.

Because the organization top management is required to report out the Management Reviews the status of the project.

Because the Controller or Financial Manager needs to know exactly how much money the project will require.

- ☐ a
- ☒ b ✓
- ☒ c ✗
- ☐ d

Answer Key

b

Your Score : 0

Competency Level : Level 1

Difficulty Level : Hard

**Learning Objective :
LO2.b.2**

1 Feasibility Assessment issues may include;

(1 Marks)

- a) Program milestones
- b) Manufacturing complexity
- c) Previous experience with similar products
- d) Projected production volumes

☒ All of above ✓

- ☐ a, c
- ☐ b, c

Answer Key

All of above

Your Score : 1

Competency Level : Level 1

Difficulty Level : Hard

**Learning Objective :
LO2.b.8**

What are some Opportunities for Improvement (OFIs) to be identified in APQP Phase V?

(1 Marks)

Improvements to Process Design

Application of SPC

Focus on Detection vs. Prevention

☐ a, b, c ✓

☒ a, b ✗

Answer Key

a, b, c

Your Score : 0

Competency Level : Level 1

Difficulty Level : Hard

Learning Objective :

LO2.a.5