

Data for Question 37 (4 points)

Type of plan: Multiemployer.

History of contribution base units for Employer A:

1985	690,000
1986	700,000
1987	700,000
1988	750,000
1989	725,000
1990	680,000
1991	250,000
1992	200,000
1993	195,000
1994	185,000
1995	150,000
1996	100,000

Withdrawal liability Employer A would have incurred for a complete withdrawal: \$100,000.

Question 37

In what range is Employer A's partial withdrawal liability after Employer A's partial withdrawal due to a 70% decline in contribution base units?

- (A) Less than \$72,000
- (B) \$72,000 but less than \$73,000
- (C) \$73,000 but less than \$74,000
- (D) \$74,000 but less than \$75,000
- (E) \$75,000 or more

Type of plan: Multiemployer

Plan effective date: 1/1/1987

Withdrawal liability method: Rolling five (one pool), with mandatory de minimis rule.
The plan was amended to increase the de minimis amount to \$100,000.

History of employer contributions:

<u>Year</u>	<u>Employer A</u>	<u>Employer B</u>	<u>All Employers</u>
1987	\$50,000	\$36,000	\$550,000
1988	55,000	40,000	550,000
1989	55,000	40,000	550,000
1990	60,000	42,000	550,000
1991	60,000	45,000	560,000
1992	63,000	55,000	570,000
1993	65,000	60,000	580,000
1994	65,000	65,000	590,000
1995	67,000	67,500	605,000
1996	40,000	72,500	605,000
1997		80,000	607,000
1998		42,000	600,000

Unfunded present value of vested benefits as of 12/31/1997: \$1,300,000.

Unfunded present value of vested benefits as of 12/31/1998: \$1,350,000.

Withdrawal liabilities expected to be collected for withdrawals before 1998 as of 12/31/1997: \$75,000.

Withdrawal liabilities expected to be collected for withdrawals before 1998 as of 12/31/1998: \$65,000.

Employer A withdrew from the plan in 1996. Employer B withdrew from the plan in 1998. There have been no other withdrawals from the plan.

Question 25

In what range is Employer B's withdrawal liability?

- (A) Less than \$139,000
- (B) \$139,000 but less than \$144,000
- (C) \$144,000 but less than \$149,000
- (D) \$149,000 but less than \$154,000
- (E) \$154,000 or more

2015

Data for Question 14 (2 points)

An employer began participating in a multiemployer pension plan on 1/1/2008.

The employer's contribution base units are as follows:

<u>Plan year</u>	<u>Contribution base units</u>
2008	40,000
2009	90,000
2010	75,000
2011	65,000
2012	70,000
2013	24,000
2014	20,000
2015	23,000

Consider the following statement:

A partial withdrawal for the employer occurred in 2013 due to a 70-percent contribution decline.

Question 14

Is the above statement true or false?

(A) True

(B) False

2015

Data for Question 21 (5 points)

Type of Plan: Multiemployer.

Method for withdrawal liability: Presumptive with mandatory de minimis rule.

Employer A completely withdraws from the plan on 5/1/2015.

There were no unfunded vested benefits in any year before 2012.

<u>Year</u>	<u>5-year sum of contributions</u>		<u>Total 12/31 unfunded vested benefits</u>	<u>12/31 initial reallocated liability pool</u>
	<u>Total</u> *	<u>Employer A</u>		
2012	\$13,000,000	\$1,000,000	\$50,000,000	
2013	14,000,000	1,100,000	75,000,000	\$1,000,000
2014	15,000,000	1,200,000	60,000,000	500,000

* *Contributions excluding prior withdrawn employers.*

Question 21

In what range is the withdrawal liability for Employer A?

- (A) Less than \$4,710,000
- (B) \$4,710,000 but less than \$4,720,000
- (C) \$4,720,000 but less than \$4,730,000
- (D) \$4,730,000 but less than \$4,740,000
- (E) \$4,740,000 or more

2015

Data for Question 29 (1 point)

A multiemployer plan terminates in a mass withdrawal.

Consider the following statement:

A notice of mass withdrawal termination must be filed with the PBGC within 15 days of the mass withdrawal valuation date.

Question 29

Is the above statement true or false?

(A) True

(B) False

Data for Question 4 (1 point)

As part of a Rehabilitation Plan, a multiemployer plan has reduced its early retirement subsidies for previously accrued benefits.

The plan's Board of Trustees has adopted the PBGC Technical Update 10-3 methodology to recognize the value of Affected Benefits in withdrawal liability calculations.

Consider the following statement:

An employer's proportional share of the value of Affected Benefits includes the change in liability for the reduced early retirement subsidies.

Question 4

Is the above statement true or false?

(A) True

(B) False

2016

Data for Question 13 (1 point)

Employer A completely withdraws from a multiemployer plan in 2014.

In 2016, it is determined that the plan has had a mass withdrawal.

Consider the following statement:

The withdrawal liability amount for Employer A could increase as a result of the mass withdrawal.

Question 13

Is the above statement true or false?

(A) True

(B) False

2016

Data for Question 24 (4 points)

Type of plan: Multiemployer.

Valuation interest rate: 6.25%.

Method for withdrawal liability: Rolling-5.

Method for allocation of Affected Benefits: PBGC Technical Update 10-3 simplified method.

The plan was initially certified in critical status for the plan year beginning 1/1/2013.

The plan has reduced benefits as part of a rehabilitation plan.

Through 12/31/2014, no employers have ever withdrawn from the plan.

Value of Affected Benefits as of 12/31/2013: \$8,000,000.

No benefit reductions took effect during 2014.

Unfunded vested benefit liability not including Affected Benefits:

As of 12/31/2014	\$38,500,000
As of 12/31/2015	41,500,000

Selected contribution history:

	<u>Employer A</u>	<u>All employers</u>
Sum of contributions for years 2010 to 2014	\$16,000,000	\$65,850,000
Sum of contributions for years 2011 to 2015	13,000,500	73,000,500

Employer A completely withdraws from the plan on 4/30/2015.

X = Employer A's share of unfunded vested benefits due to the withdrawal.

Question 24

In what range is X ?

- (A) Less than \$9,150,000
- (B) \$9,150,000 but less than \$9,850,000
- (C) \$9,850,000 but less than \$10,550,000
- (D) \$10,550,000 but less than \$11,250,000
- (E) \$11,250,000 or more

2016

Data for Question 38 (4 points)

Type of plan: Multiemployer.

Selected data for Employer A, who was party to a collective bargaining agreement beginning on 1/1/2004:

Year	Contribution base units	Hourly contribution rate
2004	400,000	\$1.30
2005	400,000	1.25
2006	390,000	1.25
2007	380,000	1.10
2008	250,000	1.10
2009	250,000	1.10
2010	190,000	1.45
2011	180,000	1.45
2012	165,000	1.45
2013	160,000	1.45
2014	155,000	1.65
2015	140,000	1.80

In 2010, Employer A ceased to be obligated to make contributions to the plan for one of its collective bargaining agreements.

It is determined that Employer A is required to make payments for 10 years due to a partial withdrawal.

X = the annual partial withdrawal liability payment for Employer A.

Question 38

In what range is X ?

- (A) Less than \$260,000
- (B) \$260,000 but less than \$300,000
- (C) \$300,000 but less than \$340,000
- (D) \$340,000 but less than \$380,000
- (E) \$380,000 or more

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