Human Machine Interface (HMI) GOT

Logging (Basic Setting)

This online training system (e-learning) is intended for those who use the logging function of the GOT2000 Series HMI for the first time. In this course, we will learn how to configure the logging function settings using the screen design software GT Designer3.

In this course, we will learn the process of configuring the logging settings using the screen design software GT Designer3, executing logging with the GOT, and checking the logging data on the personal computer.

As prerequisites for this course, you should have already completed the following courses or possess the equivalent knowledge in:

- FA Equipment for Beginners (HMIs)
- GOT2000 Basics (GOT Introduction)
- GT Works3 (GT Designer3) Basics (Screen Design Introduction)
- Logging for Beginners
- FA Equipment for Beginners (PLCs)
- PLC MELSEC iQ-R Series Basics
- PLC Programing Basic (Ladder)

Introduction Course Structure

The contents of this course are as follows. We recommend that you start from Chapter 1.

Chapter 1 Overview

The overview of this course is provided.

Chapter 2 Configuring a Logging Setting

We will learn how to configure the logging function settings in GT Designer3.

Chapter 3 Logging with the GOT

We will learn how to perform logging with the GOT using the project set in Chapter 2.

Chapter 4 Checking the Logging Data

We will learn how to check the logging file created in Chapter 3 with the GOT and how to check the logging data in the CSV file on a personal computer.

Final Test

Passing grade: 60% or higher.

Introduction How to Use This e-Learning Tool

Following is an explanation of how to use the graphical user interface.

Go to the next page	>	Go to the next page.
Back to the previous page	<	Back to the previous page.
Move to the desired page	тос	"Table of Contents" will be displayed, enabling you to navigate to the desired page.
Exit the learning	x	Exit the learning. Window such as "Contents" screen and the learning will be closed.

Safety precautions

When you learn based on using actual products, please carefully read the safety precautions in the corresponding manuals.

In this course, we will learn the process of configuring the logging settings using the screen design software GT Designer3, executing logging with the GOT2000 series, and checking the logging data on a personal computer.

- 1.1 Configuration of the learning equipment
- 1.2 Learning equipment list
- 1.3 Logging settings for learning



The following diagram shows configuration of the learning equipment.

1.2

Learning equipment list - 1

Photo/illustration	Name	Application/setting
	Personal computer	Used to create GOT project data and transfer the data to the GOT. Also used to create sequence programs to check the operation of the created GOT project data, and write the programs to the PLC.
MILGOFT OF WOrks3	GOT Screen Design Software MELSOFT GT Works3	Includes GT Designer3 (software for creating project data) and GT Simulator3 (software for simulating the GOT). Install GT Designer3 on the personal computer. (Model: SW1DND-GTWK3-E)
	Programmable Controller Engineering Software MELSOFT GX Works3	Engineering tool for configuring settings, programming, debugging, and maintenance for PLCs including the MELSEC iQ-R/MELSEC iQ-F series. Install the software on the personal computer.
Alar	GOT	Displays the created project data on the screen to monitor or operate PLCs. (Model: GT2710-VTBD)
19	USB cable	Used to connect the GOT and the personal computer. (Model: GT09-C30USB-5P)
	PLC	Used to run the sequence programs. (Model: R04CPU)
\bigcirc	Ethernet cable	Used to connect the GOT and the PLC. * Use a commercially available Ethernet cable that meets the 100BASE-TX standard (recommended to use Category 5 or higher shielded cable). * Ethernet is a registered trademark of Fuji Xerox Co., Ltd.

1.2

Learning equipment list - 2

Photo/illustration	Name	Application/setting
	SD card	Stores logging data. Install it on drive A of the GOT. (Model: NZ1MEM-16GBSD)
Cont	Battery	Used to keep the logging data stored in the buffering area even while the GOT power supply is turned off (power failure backup). (Model: GT11-50BAT)

In this course, we will configure the logging settings for the following operation, and learn the GOT's logging function. Collecting 100 values of the PLC devices "D0, D1, and D2" in 0.1 second cycles, saving the 100 data items in one file, and creating 10 files



Chapter 2 Configuring a Logging Setting

In this chapter, we will learn how to configure the logging function settings.

- 2.1 Starting a logging setting
- 2.2 Setting a logging name
- 2.3 Setting a target device for data collection
- 2.4 Setting a logging data collection interval
- 2.5 Selecting how to save logging data
- 2.6 Setting the number of logs to be saved in one file
- 2.7 Setting the number of logging files
- 2.8 Setting the save destination of logging files
- 2.9 Saving a logging file to a CSV file
- 2.10 Saving the logging data before outputted to a logging file
- 2.11 Exiting the logging setting

Display the [Logging] dialog in GT Designer3 and start a logging setting.

- (1) Start GT Designer3 and create a project.
- (2) Select [Common] \rightarrow [Logging] from the menu to display [Logging List].
- (3) In the [Logging List] dialog, select [New] to display the [Logging] dialog.

Con	imon Figure Object Commun	Logging List			X
8	GOT Type Setting	Logging TD Logging Name		New	(3) Click
فبا D	GOT Environmental Setting	Logging ID Logging Name			
	GOT Setup	·····		Edt	
L. (GOT Ethernet Setting				
	Controller Setting				
	GOT Network Interaction				
	GOT Mobile Setting		+		
-	VF Communication Setting		·		
2	Label	Logging			х
9	Comment +	Detail Setting>>	Logging ID: 1	Logging Name:	
	Alarm	Loccine Tarcet	Cat Treast Davies		
뫱	Logging	▶	Set Target Device	0 m 0	
-	(2) Select [Logging].	Collect	How to store logging data:	© He U O Buffering an	ea U
		O	When to collect device values:	Sampling(1x100ms)	Trigger Setting
	Also selectable from				
Ĥ	the project tree.	2 GOT Buffering Area			
	GOT2000) Unt MELSOFT GT Designer3 (GOT2000) Unt				
	Project Edit Search/Replace View		Retain the logging data stored in the bu	ffering area even when the GOT is turned	off(data retention)
		3 Save Destination/Format			
		Save	Number of logs to be stored in 1 logging file	e: 🚺 100 📮 (number of item	6)
	Project	1	Create a logging file at any desired time:		
	System				
				10000001 8888 COL	- the transmission
	Project Information	Image:	Destination: A#Package1#L0G00001	FL000000102L	Destination
	B- Comment	Lorging File	Maximum number of files to store logs:	10 😴	
	Alarm	CSV/DCT File	Output additional file: 🕕		
		Quereate a new historical trend graph.]		
	Recipe	Traditional Display	1		OK Cancel
		transfer to the sheat to			Sin Sender

Starting a logging setting - 2

bgging				Logging		
Basic Device	File Save			Detail Sett	ing>>]	Logging ID: 1
Logging ID: Logging Mode:		Logging Name: O Buffer Histor s: 10 ps a file: 100 il Trigger:	rical	t Logging "	Coller	Set Target Device How to store logging data: t. When to collect device values:
				2 GOT Buf	fering Area	Retain the logging data store
Logging Trigg Trigger Type	er I:	Sampling	1	→ ³ Save Des	stination/Format	Number of loss to be stored in
Logging Noti	fication Device: nt Device:			Г	O	Create a logging file at any
Use missing I Buffering Retain da	ogging data detection fur	notion	the power goes off (Th		Logging File	Destination: X:¥Package Maximum number of files to st
Lug Scolage	Click	100 E (nur	nuer of icents)	CSV/TXT F 앞Create a Traditional	ile a new historical trend grap Display	Output additional file: 1

2.2 Setting a logging name

Set a logging name ([Logging ID] and [Logging Name]).

(1) Set [Logging ID].

(2) Set [Logging Name].

Logging (1)	Set	(2) Enter	×
Detail Setting>>	Logging ID: 1	Logging Name: Logging 1	
1 Logging Target	Set Target Device		
	How to store logging data:	● File ① ○ Buffering area ①	
Collect	When to collect device values:	Sampling(1x100ms) Trigger Setting	

ltem	Setting example
Logging ID	1
Logging name	Logging 1



[Logging ID] identifies the logging setting. For [Logging Name], set a name that describes the purpose or the like of logging.

Setting a target device for data collection - 1

Set a target device for logging data collection.



Setting a target device for data collection - 2

(1) Click [Set Target Device].

Logging		×
Detail Setting>>	Logging ID: 1 (1) Click ping Name: Logging 1	
1 Lossing Target	Set Target Device How to store logging data:	

(2) Enter a target device for logging data collection.

(3) Set the number of target devices for logging data collection. In this example, No. 2 and No. 3 devices are automatically set.(4) Click the [OK] button.

Logging						×		lter	n	Setting example
Device							E	Point		3
Block Number: 1 😴 🖓 The Output Attribute	Character	Code: ASCII	Storage Ord	er: Low> Hig	h ~		-	0	No.1	D0
(2) Enter 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2						Device	No.2	D1 (automatically set)		
No. Device Device Type	Points	(one-byte)	ne-byte) Device Comment Display Type Digits Real Expre			Real Expre			No.3	D2 (automatically set)
1 D0 Signed BIN16 2 D1	3	-		Signed Dec	6					
3 D2										
<						>				
					(4)	Click				
					ОК	Cancel				

Setting a logging data collection interval - 1

Set a logging data collection interval.



2.4

(1) Click [Trigger Setting] to open the [Trigger Setting] dialog.

Logging					\times
Detail Setting>>	Logging ID: 1	Logging Name: Logging	g 1		
Logging Target	Set Target Device How to store logging data: When to collect device values:	File Sampling(1x100ms)	O Buffering area	D (1) C	lick
Trigger Set	ting		×		-
Trigger Setting Samp	Type: Sampling gs pling: 1 (x100ms)	~			
		ОК	Cancel		

- (2) Select a logging data collection timing in the [Trigger Type] pull-down list.
- (3) Set a device used as a trigger condition for [Trigger Device].
- (4) Enter a cycle time for logging data collection in units of 100 ms.
- (5) Click the [OK] button.

Trigger Setting		(2)	Salact one in	the pull do	× Vun liet
Trigger Type:	ON Sampling	(2) ~		the pull-do	wit list.
Settings				4) Enter	
Trigger Device:	GB64			1	(x100ms)
		(3) Enter	<u></u>		
				ОК	Cancel
				(5) Cli	sk -
ltem		Setting	example		
Trigger type		ON Sampling			
Trigger device		GB64			

1 (x100ms)

Cycle time

Selecting how to save logging data - 1

Select how to save logging data.



2.5

2.5

Selecting how to save logging data - 2

The following explains how to save logging data. In this course, we will configure the settings for saving multiple logging files in an SD card.

(1) Select [File] for [How to store logging data].

Logging			×
Detail Setting>>	Logging ID: 1	Logging Name: Logging 1	_
1 Logging Target	Set Target Device	(1) Select	
	How to store logging data:	File O Buffering area	
Collect	When to collect device values:	ON Sampling(GB64/1x100ms) Trigger Setting	

[File] and [Buffering area] are selectable for [How to store logging data]. The following shows the main features.

Item	File (file save mode)	Buffering area (buffer historical mode)
Favorite processing	Saving large amount of logging data	High-speed logging and high-speed display of a historical trend graph or historical data list display
Number of logging files that can be created	Multiple	1 (when an SD card is installed) *1
Creating a logging file according to the specified number of data items	Available	Not available
Creating a logging file at intended timing	Available	Available *2
Data storage such as an SD card	Required	Not required *3

*1 When an SD card is installed on the GOT and [Yes] is selected for [Store logging data to the file]
 *2 When an SD card is installed on the GOT and the setting is configured for [When to store logs to the logging file] by clicking the [Detail Setting] button
 *3 If an SD card is not installed, no logging file is created at power failure.

Setting the number of logs to be saved in one file - 1



Set the number of logging data items to be stored in one logging file.

Set the number of logging data items to be stored in one logging file. In this course, we will configure the setting for creating a logging file for 100 data items each.

(1) Set [Number of logs to be stored in 1 logging file].

Save Destination/Farmat Save Number of logs to be stored in 1 logging file:	100 (number of items) (1) Enter * Point
Item	Setting example
Number of logs to be stored in one logging file	100

Select [Create a logging file at any desired time] to create a logging file at intended timing regardless of the setting for [Number of logs to be stored in 1 logging file].

2.6

Setting the number of logging files - 1

Set the number of logging files to be created in an SD card.



2.7

(1) Enter the number of logging files to be saved in [Maximum number of files to store logs].

3 Save Destination/Format	Number of logs to be stored in 1 logging file: 100 (number of items)					
Destir	ination: X:¥Package1¥LOG00001¥LOG00001_****.G2L Destination					
Maxim	num number of files to store logs: 10					
	utput additional file: 1					
ltem	Setting example					
Maximum number of files to sto	ore logs 10					
After the number of logging files re the oldest logging file is overwritten	eaches the value specified for [Maximum number of files to store logs] during logging, m.					
LOG00001_0001.G2L LOG00001_0002.G2L	New file LOG00001_0001.G2L LOG00001_0002.G2L . After LOG00001_0010.G2L, the next file when created will overwrite LOG00001_0001.G2L.					

LOG00001_0010.G2L

LOG00001_0010.G2L

Setting the save destination of logging files - 1

Set a save destination of logging files.



(1) Click [Destination].

3 Save Destination/Farmat	Number of logs to be stored in 1 logging file: 100 + (number of items)					
	Create a logging file at any desired time:	(1) Click				
	Destination: X:WPackage1VLOG00001VLOG00001_*****.G2L)estination				
	Maximum number of files to store logs:					
CSV/TXT File	Output additional file: 🌔					

- (2) Select a save destination for [Drive Name].
- (3) Enter the save destination data in [Folder Name] and [File Name].
- (4) Click the [OK] button.



Select [Add data information to the file name] to add the date (year, month, and day) and time (hour, minute, and second) to the file name. We do not select this option in this course.

Select [Specify the date/time format for file output] to set the format of the date and time displayed in a Unicode text file or CSV file. We do not select this option in this course.

ltem	Setting example
Drive name	A: Standard SD card
Folder name	Package1\LOG00001
File name	LOG00001_****.G2L

Saving a logging file to a CSV file - 1

Configure the settings to save a logging file to a CSV file.



2.9

Saving a logging file to a CSV file - 2

(1) Select [Output additional file].

3 Save Destination/Format	Number of logs to be stored in 1 logging file: 100 (number of items)
Logging File	Destination: A:#Package1#LOG00001#LOG00001_*****.G2L Destination Maximum number of files to store logs: 10 (1) Check Output additional file:

(2) Click [Destination].

3 Save Destination/Format	Number of logs to be stored in 1 logging file: () 100 (number of items)	
Logging File	Destination: A:¥Package1¥LOG00001¥LOG00001_*****.G2L Destination Maximum number of files to store logs: 10 (2 Output additional file: A:¥Package1¥LOG00001¥LOG00001 *****.G2V Destination	2) Click

2.9

Saving a logging file to a CSV file - 3

- (3) Set [Output Type] and [Destination].
- (4) Click the [OK] button.

Destination			(3) Select	Pint	Select [Change] for [Destination] to save a Unicode text file or CSV file in a location
Output Type:	⊖ Unicode Text	● csv			different from the location of logging files (G2L).
Destination:	Same as Logging File	○ Change			
Drive Name:	A:Standard SD Card	\sim			
Folder Name:	Package1¥LOG00001	~			
File Name:	LOG00001		****.CSV		
			(4) Click OK Cancel		

Item	Setting example
Output type	CSV
Destination	Same as Logging File

Saving the logging data before outputted to a logging file

2.10

The collected logging data is cached in the GOT before the data is saved to an SD card as a logging file. We will configure the setting so that the cached data is retained when the GOT is powered off.

(1) Select [Retain the logging data stored in the buffering area even when the GOT is turned off(data retention)].



The logging settings are completed. Click [OK] in the [Logging] dialog.

Logging					×
Detail Setting>>	Logging ID: 1	Logging Name:	Logging 1		
Lossing Target	Set Target Device How to store logging data: When to collect device values	File Iie ON Sampling(G	O Buffering area	Trigger Setting	
2 GOT Buffering Area	Retain the logging data sto	red in the buffering area even	when the GOT is turned off((data retention)	
3 Save Destination/Format	Number of logs to be stored i	n 1 logging file: 100 desired time:	(number of items)		
j –	Destination: A:¥Package Maximum number of files to st	1¥LOG00001¥LOG00001_**** tore logs: 10	*.G2L	Destination	
CSV/TXT File	Output additional file: ()	A:¥Package1¥LOG00001¥LOC	000001_****.CSV	Destination	
Traditional Display				ОК	Cancel

In Chapter 3, we will learn how to perform logging with the GOT.

- 3.1 Creating GOT project data
- 3.2 Creating a sequence program
- 3.3 Transferring data to the GOT and the PLC
- 3.4 Connecting the GOT and the PLC with an Ethernet cable
- 3.5 Starting logging
- 3.6 Stopping logging

Place the following objects on the base screen of a project with the logging settings configured.

- (1) Place the objects and figures used for logging start/stop operation.
- (2) Place the objects and figures used to check the created logging file.



	ltem	Object/figure	Setting	Application
	Logging start/stop	Text	Text: Logging start/stop	
(1) l		Bit switch	Device: GB64 Action: Alternate	Touch to start logging. Touch again to stop logging.
		Bit lamp	Device: GB64	The lamp lights up while logging is being executed.
		Text	Text: Logging file check	
(2) Lo	Logging file check	Special function switch	Switch Action: Logging Information	Transitions to the [Logging information] screen of the utility.

Create a sequence program used in the PLC.

Example:

3.2

- (1) Incrementing the value of D0 by 1 starting from 0 at 0.1 second intervals. The value after 99 returns to 0.
- (2) Decrementing the value of D1 by 1 starting from 99 at 0.1 second intervals. The value after 10 returns to 99.
- (3) Incrementing the value of D2 by 2 starting from 20 at 0.1 second intervals. The value after 80 returns to 20.

1	2	3	4	5	6	7	8	9	10	11	12
SM410									+	K1	D0
									-	K1	D1
									+	K2	D2
	<	K99	D0						MOV	KO	D0
	>	K10	D1						MOV	K99	D1
	<	K80	D2						MOV	K20	D2
											-(END)-

Transfer the created GOT project data to the GOT and PLC data to the PLC.



Connect the GOT and the PLC with an Ethernet cable.



Start logging with the GOT.

(1) Touch the [Logging start/stop] switch.

	(1) Touch
Logging start/stop	
Logging file check	

(2) The lamp lights up while logging is being executed.



After a lapse of a specified time period (about three minutes) since pressing of the logging start button, a logging file is created.

Stop logging with the GOT.

(1) After a lapse of a specified time period (about three minutes), touch the [Logging start/stop] switch to stop logging.

		(1) Touch	
U	ogging start/stop		
Ŀ	ogging file check		

(2) The logging stops and the lamp lights out.



In Chapter 4, we will learn how to check the logging file created in Chapter 3 with the GOT and how to check the logging data in the CSV file on a personal computer.

- 4.1 Checking the created logging file with the GOT
- 4.2 Checking the logging data in the CSV file on a personal computer

Check the logging file created with the GOT.

(1) Touch the [Logging file check] switch to display the [Logging information] screen of the utility.



	•				
Logging information					×
Select drive	A:\				
	KindN	ame			*
A:Built-in SD card		Size	Date	Time	
	DIR P	ACKAGE1	07 07 00	40.00	
B:USB drive			07-07-22	13:08	
1					

4.1

(2) Touch [PACKAGE1].

Logging information			X
Select drive	A:\		
	KindName		*
A:Built-in SD card	Size	Date Time	-
P*LKP de ius	DIR PACKAGE1	07-07-22 13:08	4
blob drive	(2) Touch	1010122 13-00	-
	(2) Touch		

(3) Touch [LOG00001].

Logging information					×
Select drive	A:\PACKAGE1\				
	KindName				*
A:Built-in SD card		Size	Date	Time	<u> </u>
	DIR				
B:USB drive					A
	DIR LOGO	001			
			07-07-22	13:12	
1		(3) Touch			I

Logging information		×
Select drive	:\PACKAGE1\L0G00001\	
	KindName	*
A:Built-in SD card	Size Date lime	
R*LKR drive	DIK	
D-03D drive	G2L L0G00001 0.2KB 07-07-22 13:12	A
	G2L L0G00001_0000 0.2KB 07-07-22 13:12	
E:USB drive	CSV L0000001_0001 4.3KB 07-07-22 13:12	Logging files (G2L)
F:USB drive	G2L L0G00001_0001 1.7KB 07-07-22 13:12	Logging mes (G2L)
G:USB drive	CSV L0600001_0002 4_3KB 07-07-22 13:12	
N:Network drive	G2L L0G00001_0002 1.7KB 07-07-22 13:12	
	CSV L0000001_0003 4.3KB 07-07-22 13:11	
	G2L L0G00001_0003 1.7KB 07-07-22 13:11	
	LUG00001_0004 4.3KB 07-07-22 13:11	
	G2L L0G00001_0004 1.7KB 07-07-22 13:11	T
Free space	LUG00001_0005 4.3KB 07-07-22 13:11	
Drive capacity	62L L000001_0005 1.7KB 07-07-22 13:11	¥
462.968	Number of selectable files in this folder:	22 files
Select all files	62L→CSV 62L→TXT	
Cancel selection	Copy Move Rename CreateFolder Del	

(4) Make sure that the logging file (G2L) is listed.

(5) Make sure that the CSV file is listed.

Logging information					×
Select drive	A: VPACKA	GE1\L0G00001\			
A:Built-in SD card	Kind	Name Size	Date	Time	1
Albarre in ob cara	DIR		Date	11110	
B:USB drive		0000001			A
	62L	0.248	B 07-07-22	13:12	
	62L	L0G00001_0000 0.2KB	B 07-07-22	13:12	
E:USB drive	CSV	L0G00001_0001 4.3KE	B 07-07-22	13:12	CSV file
F:USB drive	62L	L0G00001_0001 1.7K	B 07-07-22	13:12	
G:USB drive	CSV	L0G00001_0002 4.3Ki	B 07-07-22	13:12	
N:Network drive	62L	L0G00001_0002 1.7K	B 07-07-22	13:12	
		L0G00001_0003 4.3KE	B 07-07-22	13:11	
	62L	L0G00001_0003 1.7K	B 07-07-22	13:11	
	CSV	L0G00001_0004 4.3KB	B 07-07-22	13:11	
	62L	L0G00001_0004 1.7KE	B 07-07-22	13:11	
Free space	CSV	L0G00001_0005 4.3K	B 07-07-22	13:11	
263.968 Drive caracity	62L	L0G00001_0005 1.7KE	B 07-07-22	13:11	Ŧ
462.96B			0 fil Number of selec	les are selected (0.04 stable files in this fold	(B in total) der:22 files
Select all files	G2L→CS	W G2L→TXT			
Cancel selection	Сору	Move	Rename CreateF	older Del	

Check the logging file outputted to a CSV file on a personal computer.

(1) Remove the SD card from the GOT and set it on a personal computer.



(2) Find the CSV file using Explorer of the personal computer and double-click the file.(3) The logging data details are displayed.

Example: Display of Microsoft® Excel

Fil	e Home Ins	ert	Drav	N P	age	Layout	Formulas
9	Cut Paste Sopy	ainter	Calit B	ori I <u>U</u>	D	- 11 ab ⊞ -	✓ A [^] A [×]
Undo	Clipboard					Font	
D1	- ×	$\sqrt{-f_3}$	r i				
	A	в		С		D	E
1	:GT2K_LOG		0				
2	:LOGGING_ID		1				
3	:LOGGING_NAME						
4	:SERIAL_ID		1				
5	:DEVICE_NUM		1				
6	:RECORD_NUM		100				
7	:DATE_ORDER	YYYY/N	1M/D	D hh:m	m:ss		
8	:LOCAL_TIME						
9	:TIME_INF_ORDER						
10	:DEV_COMMENT						
11	:DEV_TYPE	BIN16					
12	:DISP_TYPE	DEC					
13	:DEV_SIZE		1				
14	2022/7/7 16:40		36				
15	2022/7/7 16:40		37				
16	2022/7/7 16:40		38				
17	2022/7/7 16:40		39				
18	2022/7/7 16:40		40				
19	2022/7/7 16:40		41				
20	2022/7/7 16:40		42				
21	2022/7/7 16:40		43				

Test	Final Test)

Now that you have completed all of the lessons of the **Logging (Basic Setting)** course, you are ready to take the final test. If you are unclear on any of the topics covered, please take this opportunity to review those topics.

There are a total of 5 questions (5 items) in this Final Test.

You can take the final test as many times as you like.

Score results

The number of correct answers, the number of questions, the percentage of correct answers, and the pass/fail result will appear on the score page.

		1	2	3	4	5	6	7	8	9	10	
Retry	Final Test 1	 ✓ 	 Image: A second s	 Image: A second s	X							Total questions: 28
	Final Test 2	 Image: A second s	1	1	1							Correct answers: 23
	Final Test 3	 Image: A second s										
	Final Test 4	 Image: A second s	√									Percentage: 82 %
	Final Test 5	 Image: A second s	√									
Retry	Final Test 6	 Image: A second s	X	X	X							
	Final Test 7	×	√	√	1			-				
	Final Test 8	 Image: A second s	×	√	1	√		To	pas	s the	e tes	t, 60% of correct
	Final Test 9	×						an	swe	rs is	requ	uired.
Retry	Final Test 10	\times							_			

Test	Final Test 1	
What is th	ne number that identifies the logging setting? Select the correct answer from the options.	•
		•
Q1		
	Logging name	
0	Logging ID	
	Logging title	

Test	Final Test 2		
Select the	minimum unit of logging data collection cycle in t	he GOT.	•
Q1			
O 100 n	ns	500 ms	
1 s		• 5 s	

Test	Final Test 3
What is correct	s the term for retaining the logging data stored in the buffering area when the GOT is powered off? Select the answer from the options.
Q1	
	Temporary save
	O Power failure backup
	Power retention

Test	Final Test 4		
When 10 i when 100	s set for the number of logging data items to be st logging data items are collected? Select the correc	ored in one logging file, how many logging files are created t answer from the options.	•
			•
Q1			
100		• 10	
• 1		1000	

Test	Final Test 5	
When 10	is specified for [Maximum number of files to store	logs], which of the following options describes the 11th file?
		*
Q1		
O The	oldest file is overwritten.	The 11th file is created.
The f	file is not created.	The newest file is overwritten.

t	Test Score											
ou have coi o end the F	mpleted the Final Test. You res inal Test, proceed to the next p	ults area page	as foll	ows.								
		1	2	3	4	5	6	7	8	9	10	_
	Final Test 1	\checkmark										Total questions: 5
	Final Test 2	✓										Correct answers: 5
	Final Test 3	✓										100 -
	Final Test 4	<u> </u>										Percentage: IUU %
	Final Test 5	\checkmark										
												Clear
												Cicui

You have completed the Logging (Basic Setting) course.

Thank you for taking this course.

We hope you enjoyed the lessons and the information you acquired in this course will be useful in the future.

You can review the course as many times as you want.

Review

Close