EDIFACT Self-Test I: After Completion of Part 5
Select the most appropriate answer to the following questions:

1. A primary benefit of EDIFACT is that…
it is a form of data encryption.

2. Messages:
collections of sequenced segments within defined areas.
being with the UNH segment and end with the UNT segment.
identified by a six character name.

3. Message structure is defined in the:
  segment table.

4. Segments contain...
a segment tag.
simple or composite variable length data elements.
the data element separators + or :.

EDIFACT Self-Test II: After Completion of Part 10

1. Which is true of data elements:
All optional or conditional elements must be accounted for.
All conditional elements are dependent on message requirements.
All mandatory data elements must contain data.

2. EDIFACT uses two separate pieces of data in a single element:
Value and Qualifier

3. If there is an alphanumeric data element with an attribute of AN5, all of these would be correct
except:48597

4. Optional data elements without data at the end of a segment...
do not need additional data element separators to correctly position the data.

EDIFACT Self-Test III: After Completion of Part 17

1. The characteristics of Level A EDIFACT transmissions are:
upper and lower case.

2. A release character...
allows the use of a delimiter or terminator within data.

3. EDIFACT has two required levels of envelopes:
Functional Group and Message

4. For an incoming message, it is the responsibility of the receiver's computer to...
EDIFACT Standards

Banking status message

Example 1

The following is an example of a Financial Statement message sent by the bank identified by the ISO bank identification code KREDBEBB to a message recipient.

The message, identified by the number 538851, which was generated on the 1st of August 2002, reports the successful execution of the payment order number 5432.

UNH+ME0000001+BANSTA:D:01B:UN:EAN003'	**Message header**
BGM+46+538851+9'	**Banking status number 538851**
DTM+137:20020801:102'	**Date of message 1st of August 2002**
FII+MS++BK:25:5:37010050'	**Message sender identified by an institution branch number 37010050**
NAD+MR+5422331123459::9'	**Message recipient identified by GLN 5422331123459**
LIN+1'	**Start of level B**
RFF+AEK:5432'	**Payment order number 5432**
DTM+171:20020828:102'	**Payment order date 28th of August 2002**
SEQ+YF2+1'	**Start of level C**
GIS+53'	**Order executed**
UNT+11+ME0000001'	**Total number of segments in the message equals 11**

Example 2

The following is an example of a Financial Statement message sent by the bank identified by the ISO bank identification code KREDBEBB to a message recipient.

The message, identified by the number 95851, which was generated on the 1st of August 2002, reports that the execution of the payment order number 685432 was rejected because the beneficiary's bank was unknown.
The incorrect beneficiary's bank details are reproduced for the message receiver.
In addition the message also reports the successful execution of the payment order number 705432.

UNH+ME0000001+BANSTA:D:01B:UN:EAN003'	**Message header**
BGM+46+95851+9'	**Banking status number 95851**
DTM+137:20020801:102'	**Date of message 1st of August 2002**
FII+MS++KREDBEBB:25:5'	**Message sender identified by ISO bank identification code KREDBEBB**
NAD+MR+5422331123459::9'	**Message recipient identified by the GLN 5422331123459**
LIN+1'	**Start of level B, number 1**
RFF+AEK:685432'	**Payment order number 685432**
DTM+171:20020828:102'	**Payment order date 28th of August 2002**
SEQ+55+1'	**Start of level C, number 1**
GIS+83'	**Transaction pending**
FTX+NAI++002::91'	**Rejected because the beneficiary's bank is unknown**
FII+BF+994-3277711:J HOLMES+XXEDBEBB:25:5'	**Beneficiary's bank and account number identification**
LIN+2'	**Start of level B, number 2**
RFF+AEK:705432'	**Payment order number 705432**
DTM+171:20020828:102'	**Payment order date 28th of August 2002**
SEQ+55+2'	**Start of level C, number 2**
GIS+53'	**Order executed**
UNT+18+ME0000001'	**Total number of segments in the message equals 18**

Drawing administration message

The following is an example of the Drawing Adminstration message putting a link between a file called ECRSTRUC on a CD and an article with GTIN 5412345123453 which was mentioned in a previous PRICAT message with num... 541073.

UNH+ME00001+CONDRA:D:01B:UN:EAN003'	Message Header
BGM+174+10001+9'	Drawing Administration message with number 10001
DTM+137:20020830:102'	Message date 30th of August 2002.
RFF+AER:566241'	Reference to project specification number 566241.
NAD+MR+5071615111110::9'	Supplier identified by GLN 5071615111110
NAD+MS+5098765111111::9'	Buyer identified by GLN 5098765111111
EFI+ECRSTRUC+BMP : :3'	The name of the binary file is ECRSTRUC.
CED+3+1E : :9'	The object's exchange medium is a CD-ROM.
RFF+PL:541073:6'	The object is related to line 6 from the PRICAT message number 541073.
DTM+706:200205021200:203'	The object was generated at 1200 on the 2nd of May 2002.
UNT+11+ME00001'	Total numbers of segments in the message equals 11.

Firm booking message

The following is an example of a firm booking message from a consignor identified by GLN 5411234512309 and a freight forwarder identified by GLN 5412345123453. The message, identified by the firm booking number AS-352... sent on the 31st of January 2002 at 10am.

The message books space for two goods items by road truck which are to be delivered to the delivery parties identified by GLN 5432154123451 for the first goods item and 5463633123457 for the second goods item.
The first goods item is identified as being packaged as five returnable pallets. On each pallet there are 20 cartons, the contents of which are identified using GTIN 5410738251028. Each pallet contains foodstuffs which must be transported in a temperature controlled environment with a minimum temperature of 3 and a maximum of 8 degrees Celsius. The gross volume of the goods item is detailed as being 300 cubic meters with gross dimensions of 1 m wide, 1.5 metres long and 2.5 metres high.
The second goods item consists of 14 1/4 EURO Pallets each containing 6 cartons of computer equipment. The value for customs purposes is listed as being 235000 Euros. The weight of the goods item is detailed as being 8500... and the length and width dimensions are detailed as being 1 with a height of 2.5 metres. An export certificate for the goods item with a reference of SW-942563 is also quoted.

UNH+ME000001+IFTMBF:D:01B:UN:EAN003'	Message header
BGM+335+AS-3522+9'	Booking request number AS-3522
DTM+137:200201311000:203'	Message date/time 31st January 2002 at 10:00
TDT+20++30+31'	The transport means to be used for the consignment: is a truck
NAD+CZ+5411234512309::9'	The consignor identified with a GLN 5411234512309
NAD+FW+5412345123453::9'	The freight forwarder identified with a GLN 5412345123453
GID+1+5:09::9+100:CT'	First occurrence of goods, 5 returnable pallets, with 100 cardboard boxes
HAN+EAT'	Handle the goods as foodstuffs
TMP+2+4'	Transport temperature
RNG+5+CEL:3:8'	Temperature must range between 3 and 8 degrees Celsius
PIA+5+5410738251028:SRV'	Product identification using GTIN 5410738251028
NAD+DP+5432154123451::9'	The delivery party identified by GLN 5432154123451
MEA+AAE+AAW+MTQ:300'	The gross volume of the goods is 300 cubic metre
DIM+1+MTR:1.5:1:2.5'	The gross dimension 1.5 m long, 1 m width, 2.5 m height
GID+2+14:203:9+84:CT'	Second occurrence of goods, 14 1/4 Europallet with 84 cardboard boxes
HAN+HWC::9'	Handle the goods with care
MOA+40:235000:EUR'	Customs value 235.000 Euros
PIA+1+4371:HS'	Harmonised system number
FTX+AAA+++COMPUTER EQUIPMENT'	Goods description
NAD+DP+5463633123457::9'	Delivery party identified with an GLN 5463633123457
MEA+AAE+G+KGM:8500'	The gross weight 8500 Kg.
DIM+1+MTR:1:1:2.5'	The gross dimension 1 m long, 1 m width, 2.5 m height
DOC+811+SW-942563'	Export license number SW-942563
UNT+24+ME000001'	Total number of segments in the message equals 24

Example of a Location Driven Delivery Schedule

The following is an example of a location driven delivery schedule message. The message is sent by the buyer identified by GLN 5412345000013 to a supplier identified by GLN 4012345500004.
The date of the message is the 10th of January 2002.
The delivery is requested for the 20th of January 2002 at 12:30pm. Delivery is requested for two delivery parties identified with both the delivery parties receiving the deliveries by road using trucks.
The first delivery location is identified by GLN 5412345000013 and requests a delivery of 4000 units of the product identified by GTIN 5412345111115.
The second delivery location is identified by GLN 5412345000020. The product for delivery is identified by GTIN 5412345123453 and is requesting 8800 units of the product.

UNH+ME000001+DELFOR:D:01B:UN:EAN004'	Message header
BGM+241+LDS562+9'	Delivery schedule number LDS562
DTM+137:20020110:102'	Document date 10th of January 2002
DTM+2:200201201230:203'	Requested delivery date is at 12:30pm on the 20th of January 2002
NAD+BY+5412345000013::9'	The buyer is identified by GLN 5412345000013
NAD+SU+4012345500004::9'	The supplier is identified by GLN 4012345500004
GIS+94'	Location driven schedule
NAD+DP+5412345000013::9'	Delivery party is identified by GLN 5412345000013
TDT+20++30+31'	The main carriage transport to be used will be a truck
LIN+1++5412345111115:SRV'	The first product in the schedule is identified by GTIN 5412345111115
SCC+1'	Firm schedule
QTY+113:4000'	The quantity to be delivered is 4000 units
GIS+94'	Location driven schedule
NAD+DP+5412345000020::9'	Delivery party is identified by GLN 5412345000020
TDT+20++30+31'	The main carriage transport to be used will be a truck
LIN+2++5412345123453:SRV'	The second product in the schedule is identified by GTIN 5412345123453
SCC+1'	Firm schedule
QTY+113:8800'	The quantity to be delivered is 8800 units
UNT+19+ME000001'	Total of 19 segments in the message

Example of a Product Driven Delivery Schedule

The following is an example of a product driven delivery schedule message. The message is sent by the buyer identified by GLN 5412345000013 to a supplier identified by GLN 4012345500004.
The date of the message is the 10th of January 2002. The message is sent as a confirmation to previously agreed schedule sent by means other than EDI. No acknowledgment is required for the transmission.
The delivery is requested for the 20th of January 2002 at 12:30pm. Delivery is requested for one product to two delivery parties.
The product identified by GTIN 5412345111115. The delivery locations are identified by GLNs 5412345000051 and 5412345000068 and requests a delivery of 350 units to each delivery location.

UNH+ME000011+DELFOR:D:01B:UN:EAN004'	Message header
BGM+241+PDS416+42+NA'	Delivery schedule number PDS416 is a confirmation of a schedule sent previously by means other than EDI. No acknowledgment to the message is needed.
DTM+137:20020110:102'	Message date is the 10th of January 2002
DTM+2:200201201230:203'	Delivery is requested for 12:30pm on the 20th of January 2002
NAD+BY+5412345000013::9'	The buyer is identified by GLN 5412345000013
NAD+SU+4012345500004::9'	The supplier is identified by GLN 4012345500004
GIS+95'	Product driven delivery schedule
LIN+1++5412345111115:SRV'	The first line item in the schedule is identified by GTIN 5412345111115
SCC+1'	Firm schedule
QTY+113:700'	Total quantity to be delivered is 700 units
NAD+DP+5412345000051::9'	First delivery party is identified by GLN 5412345000051
SCC+1' Firm	schedule
QTY+113:350'	Quantity to be delivered is 350 units
NAD+DP+5412345000068::9'	Second delivery party is identified by GLN 5412345000068
SCC+1'	Firm schedule
QTY+113:350'	Quantity to be delivered is 350 units
UNT+17+ME000011'	Total number of 17 segments in the message

Purchase order message

The following is an example of a simple purchase order for one line item between a buyer identified by GLN 5412345000013 and a supplier identified by GLN 4012345500004. The order is placed the 30th August 2002. It is based on a contract drawn 25th August 2002 with reference 652744. The purchase order buyer's reference is 128576. The buyer orders 48 units of the product identified by GTIN 400862141404 at a net unit price of 14.58 pounds sterling for a total item amount of 699.84 pounds sterling. The net unit price for the product is covered by a contract specific to that product dated the 1st August 2002 with a reference number of AUG93RNG04. A currency exchange rate of 1.67 Euros to a one pound sterling valid for the month of August 2002 is specified. The product is a standard rated VAT item with a VAT rate of 17.5%. The buyer's internal product code for the product is identified as ABC1234. The buyer requests that the seller mark the expiry date for the products on the product packaging. The delivery of the product is requested for two locations. Both locations are to get 24 pieces, location 3312345502000 has requested delivery for the 15th of September 2002, and location 3312345501003 has requested delivery for 13th of September 2002.
Purchase Order message:

UNH+ME000001+ORDERS:D:01B:UN:EAN010'	Message header
BGM+220+128576+9'	Order number 128576
DTM+137:20020830:102'	Message date 30th of August 2002
PAI+::42'	Instruction to pay in Bank Account
ALI+++136'	Group conditions apply to the entire ORDER
FTX+ZZZ+1+001::91'	Free text mutually defined
RFF+CT:652744'	Order is based on contract number 652744
DTM+171:20020825:102'	Date of contract 25th of August 2002
NAD+BY+5412345000013::9'	Buyer is identified by GLN 5412345000013
RFF+VA:87765432'	Buyer's VAT number is 87765432
CTA+OC+:P FORGET'	Order contact is PForget
COM+0044715632478:TE'	Telephone number of order contact
NAD+SU+4012345500004::9'	Supplier is identified by GLN 4012345500004
RFF+VA:56225432'	Supplier's VAT number is 56225432
CUX+2:GBP:9+3:EUR:4+1.67'	Ordering currency is Pounds Sterling with the invoicing currency identified as Euros The exchange rate between them is 1 Pound Sterling equals 1.67 Euros
DTM+134:2002080120020831:718'	Period on which rate of exchange date is based is the 1st of August 2002 - 31st of August 2002
TDT+20++30+31'	Order requests that the main carriage transport used to deliver the goods is a truck
TOD+3++CIF:2E:9'	Terms of delivery are to be Cost, Insurance and Freight
LOC+1+BE-BRU'	The named port is Brussels
LIN+1++4000862141404:SRV'	First product order is identified by the GTIN 4000862141404
PIA+1+ABC1234:IN'	In addition the buyer's part number ABC1234 is provided
IMD+C++TU::9'	The ordered item is a traded unit
QTY+21:48'	Ordered quantity is 48 units
MOA+203:699.84'	Value of order line is 699.84 Pounds Sterling
PRI+AAA:14.58:CT:AAE:1:KGM'	Fixed net calculation price is 14.58 Pounds Sterling
RFF+PL:AUG93RNG04'	Price is taken from the price list AUG93RNG04
DTM+171:20020801:102'	Price list date 1st of August 2002
PAC+2+:51+CS'	Two packages (cases) barcoded with ITF14
PCI+14'	The expiry date of the product is to be marked on it's packaging
LOC+7+3312345502000::9'	The second place to which the product is to be delivered is identified by GLN 3312345502000
QTY+11:24'	The quantity to be delivered at this location is 24
DTM+2:20020915:102'	The quantity should be delivered on the 15th of September 2002
LOC+7+3312345501003::9'	The first place to which the product is to be delivered is identified by GLN 3312345501003
QTY+11:24'	The quantity to be delivered at this location is 24
DTM+2:20020913:102'	The quantity should be delivered on the 13th of September 2002
TAX+7+VAT+++:::17.5+S'	The product is subject to the standard VAT rate of 17.5 %
UNS+S'	Message detail/summary separator
CNT+2:1'	Count of the number of LIN segments in the message
UNT+39+ME000001'	Total number of segments in the message equals 39