

Honor Code: Personal Integrity

Because this is an invitation only process for select professionals, all individuals must agree to an honor code which states that all work is your own and you received no assistance.

Technical Talents

There are a few simple guidelines we require all applicants to follow:

- 1. When completing an assessment, do not use any tool or resource other than a blank piece of paper and a pencil. You should not use calculators, resource materials from books or the web, assistance from other individuals, or any tool that gives you an advantage over other applicants.
- 2. You should not attempt to take assessments multiple times under a single account or under different accounts.
- 3. You should not attempt to manipulate the assessment by use of multiple browsers or computers, tabs within browsers, multiple sessions, manipulating the navigation buttons, etc. Our testing system has sophisticated methodologies to track this type of behavior.

Remote Proctoring

Our testing system has a multitude of robust proprietary methodologies to catch cheating:

1. **Monitoring the speed of answers.** Candidates who are using unauthorized assistance—help from colleagues, calculators, resource materials, etc.—will answer questions either

- too quickly or too slowly. Our systems continually monitor these variables to catch suspicious activities.
- 2. **Falling outside of Acceptable Performance Ranges.** Candidates who use unauthorized assistance commonly fall outside of the acceptable ranges of performance.
- 3. **Digital Fingerprints.** To detect when an individual creates different accounts under multiple identities, we use a proprietary system which creates a digital fingerprint of an individual based on personal information, location, observed behavior on the site, heuristic analytics, and other secret methodologies.
- 4. **Reporting from Companies.** You may be asked to take follow up assessments in a secure environment. We will correlate the results between your online assessment score and your follow up assessment score. In these scenarios, besides being disqualified from receiving a job at that employer, our testing partner may notify all of its Members about the individual's breach of integrity.

Consequences

What Happens If I Get Caught Cheating?

Because cheating is unfair to the vast majority of individuals who are honest and accordingly most deserving of the best jobs, the ramifications of cheating are severe. Cheaters are flagged in our systems, and this information is available to all employers who make use of our partner's testing systems. As part of the standard background check a company conducts prior to making an employment offer, Companies will be able to see if a candidate has been flagged as a cheater. Verified cheaters can have this breach of professional integrity follow them for their entire career.

By clicking you agree to follow the honor code.

- PAC Labs
- © 2011
- Terms of Use
- Privacy Policy
- Contact PAC
- Computer Science Knowledge (Basic)
- Please answer the following questions about your experience with the subject of the assessment.
- How much work experience do you have with this subject?
- None
 Studied it in school but no direct work experience
 Less than 1 year
 1 2 years
 3 4 years
- More than 4 years

•

- When was the last time you had experience with this subject?
- Never
- Less than 6 months ago
- Less than 1 year ago
- 1 2 years ago
- More than 2 years ago

•

- Continue
- Computer Science Knowledge (Basic)
- Please read all instructions very carefully before you begin.
- This is the Basic level of the Computer Science Knowledge assessment.
- It is composed of 20 questions. You will have 20 minutes to complete this assessment. Please note that once you have completed a question you will NOT be able to return to it in order to make changes.
- No points are deducted for wrong answers.
- Assessment Breakdown

Section	Time	Questions
OS Concepts and Data Structures	7 Minutes	7
Big O notations and OOAD Fundamentals	6 Minutes	6
DBMS and CODD's Fundamentals	7 Minutes	7
Totals	20.0 Minutes	20 Questions

- Go Back
- Question Number 1
- Select the option that is a type of Breadth-First Traversal.
- Level-order
- Topological Sort
- Pre-order
- Post-order

Question Number 2

What features must a programming language and its runtime environment provide in order to support automatic memory management?

2. E	Oynamic memory allocation Explicit deallocation of data Garbage collection
0	3
O	1 and 3, but not 2
0	2
0	1
Qu	estion Number 3
Fro	m the following options, select the decimal value of bitwise NOT of 389 ₁₆ .
0	983
0	6166
0	3190
0	1276
Qu	estion Number 4
Sel	ect the linked list that does NOT contain NULL pointers.
0	Circular linked lists
0	Doubly linked lists
0	Singly linked lists
0	Multi-linked lists
Qu	estion Number 5
	at is the primary advantage of using bytecode interpreters or virtual machines for program cution?
0	Security
0	Portability
0	Speed
0	Reduced memory use

Select the option that describes the head-tail linked list.
C Allows adding or removing the elements from the front or back
Allows taking input at both ends, but restricts the output to be made from only one end
 Allows addition of elements to only one end and removal from the other
Allows deletion of elements from both ends, but restriction of input from only one end
Question Number 7
From the following options, select a statement that is NOT true about symbol tables.
Symbol table is a compile-time data structure
 Symbol tables are often implemented using hash tables
 Symbol tables map the names to their attributes
O Symbol table is used during syntactic analysis
Question Number 1
Select the OOP concept described by the following features.
A. Defines the abstract characteristics of a thing (object).B. Defines attributes of the thing.C. Defines the behavior of the thing.D. Represents a blueprint describing the nature of the thing.
Instance
C Class
© Method
© Function
Question Number 2

From the following options, select the OOP mechanism, that allows treatment of the derived class members just like the members of their parent class.

Abstraction

0	Polymorphism		
0	Decoupling		
0	Encapsulation		
Qı	uestion Number	3	
	lect the option that s scriptions.	show	s the correct matching between the function types and the Big O
I	Constant	1	$O(\log n)$
II	Logarithmic	2	O(1)
Ш	Linear	3	O(n)
IV	Quadratic	4	$O(n^3)$
	Cubic		$O(2^n)$
VI	Exponential	6	$O(n^2)$
0	(I,5),(II,6),(I	II,2),	(IV,1),(V,4),(VI,3)
0	(I,3),(II,5),(I	II,4),	(IV,6),(V,2),(VI,I)
0	(I,1),(II,2),(I	II,3),	(IV,4),(V,5),(VI,6)
0	(I,2),(II,1),(I	III,3)	,(IV,6),(V,4),(VI,5)
Qı	uestion Number	4	
Se	lect the option that o	descr	ibes a "type" in Object Oriented programming.
0	It indicates the sta	ate th	at an object maintains
Ö	It describes how a	an ob	ject implements the methods in its interface
O	It is an interface	, whi	ch is a collection of methods that an object responds to
0	It defines implem		· · · · · ·
Qı	uestion Number	5	
	lect the sorting that ay.	alwa	ys has a time complexity O(n ²), irrespective of the condition of the
0	Quick Sort		
0	Bubble sort		
0	Selection sort		

Qu	estion Number 6
Sele	ect the option that denotes, "runtime is proportional to five times the input size".
0	$O(5_n)$
0	5*O(n)
0	$O(n^5)$

• 5O(n)

Merge sort

Which one of the following is NOT a referential integrity issue in a relational database where the DEPT column of the EMPLOYEE table is designated as a foreign key into the DEPARTMENT table?

- Updating the value of DEPT in a row of EMPLOYEE with a value that is not the primary key of any of the rows in DEPARTMENT
- Inserting a new row into EMPLOYEE with a DEPT whose value is not the primary key of any of the rows in DEPARTMENT
- Inserting a new row into DEPARTMENT with a primary key that is not the value of the DEPT column of any row in EMPLOYEE
- Deleting a row of DEPARTMENT

Question Number 2

ABC Housekeeping Forces are responsible for maintaining a building that comprises of 100 floors. The maintenance company decides to use a database to schedule work for its employees and also check the status of the work. When an assigned housekeeper does not report for work, an alternate resource is allotted to complete the job.

The Housekeeping database in its current form is given below.

Housekeeper

HouseKeeperID HouseKeeperName HouseKeeperSSN SupervisorID

Supervisor

SupervisorID

SupervisorName SupervisorSSN

Floor

FloorNo FloorName

Transaction

FloorNo DutyDate HouseKeeperID WorkStatus

AlternateTransaction

FloorNo DutyDate AlternateHID AlternateWorkSt

Select the option that correctly lists the unique keys for the various entities. Note that the entity names are given in bold and the options join multiple unique keys with the "/" symbol.

 ${\bf Housekeeper}-{\bf HousekeeperID}$

Supervisor – SupervisorID

○ Floor – FloorNo

Transaction – FloorNo

AlternateTransaction - FloorNo

Housekeeper - HousekeeperSSN

Supervisor – SupervisorSSN

Transaction – FloorNo

AlternateTransaction - FloorNo

Housekeeper – Housekeeper ID / Housekeeper SSN

Supervisor - SupervisorID / SupervisorSSN

○ **Floor** – FloorNo or FloorName

Transaction – FloorNo

AlternateTransaction – FloorNo

Housekeeper – HousekeeperID / HousekeeperSSN

Supervisor – SupervisorID / SupervisorSSN

Floor – FloorNo or FloorName

Question Number 3

Select the option that correctly describes the database replication concept where two or more replicas synchronize each other through a transaction identifier.

0	Multimasterslave
0	Multimaster
0	Master-Slave
0	Ouorum

ABC Housekeeping Forces are responsible for maintaining a building that comprises of 100 floors. The maintenance company decides to use a database to schedule work for its employees and also check the status of the work. When an assigned housekeeper does NOT report for work, an alternate resource is allotted to complete the job.

The Housekeeping database in its current form is given below.

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HouseKeeperID HouseKeeperName HouseKeeperSSN SupervisorID

Supervisor

SupervisorID SupervisorName SupervisorSSN

Floor

FloorNo FloorName

Transaction

FloorNo DutyDate HouseKeeperID WorkStatus

AlternateTransaction

FloorNo DutyDate AlternateHID AlternateWorkSt

Select the option that correctly lists the single field primary keys for the various entities. Note that the entity names are given in bold.

Housekeeper – HousekeeperID

Supervisor – SupervisorID

Transaction – FloorNo

AlternateTransaction – FloorNo

Housekeeper – HousekeeperID

Supervisor – SupervisorID

○ Floor – FloorNo

Transaction – FloorNo

AlternateTransaction – AlternateHID

Housekeeper – HousekeeperID

Supervisor – SupervisorID

Floor – FloorNo

 ${\color{red} \textbf{Housekeeper}} - \textbf{HousekeeperID}$

Supervisor – SupervisorID

○ Floor – FloorNo

Transaction – FloorNo

AlternateTransaction – FloorNo

Question Number 5

Select the option that represents the definition of network database model.

- Attempts to bring closer interactivity between database administrators and application programmers
- Organizes the data in the form of a tree of records, with each record having one parent record and many children records
- Allows each record to have multiple parent and child records, thereby forming a lattice structure
- Represents the entire information content of the database in only one way

Question Number 6

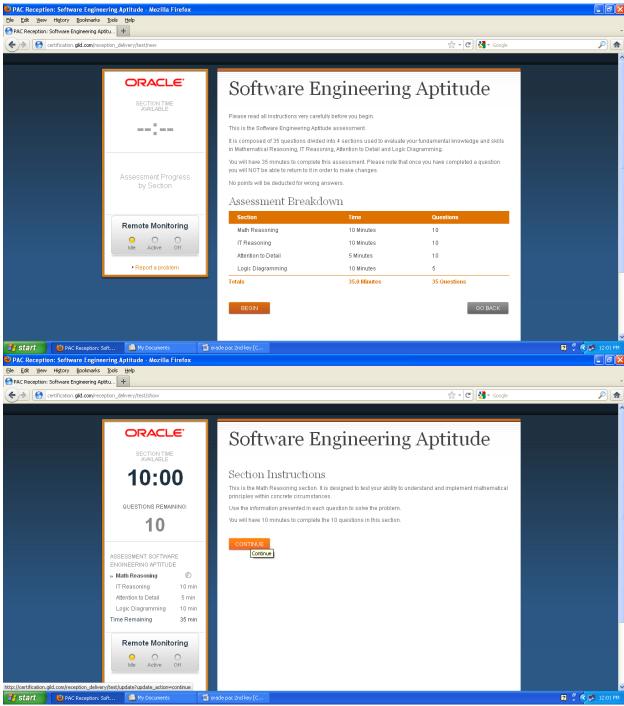
You have two relation variables: RelV1 and RelV2. They are NOT necessarily distinct. You have a set K as a key for RelV1. Consider that FK is a subset of the heading of RelV2 that involves exactly the same attributes as K.

From the following options, select the option that correctly depicts a scenario where FK can be considered as a foreign key.

- © Every tuple in RelV1 has a FK value that is equal to the K value in some tuple in RelV2
- Every tuple in RelV1 has a K value that is equal to the FK value in some tuple in RelV2
- Every tuple in RelV2 has a FK value that is equal to the K value in some tuple in RelV1

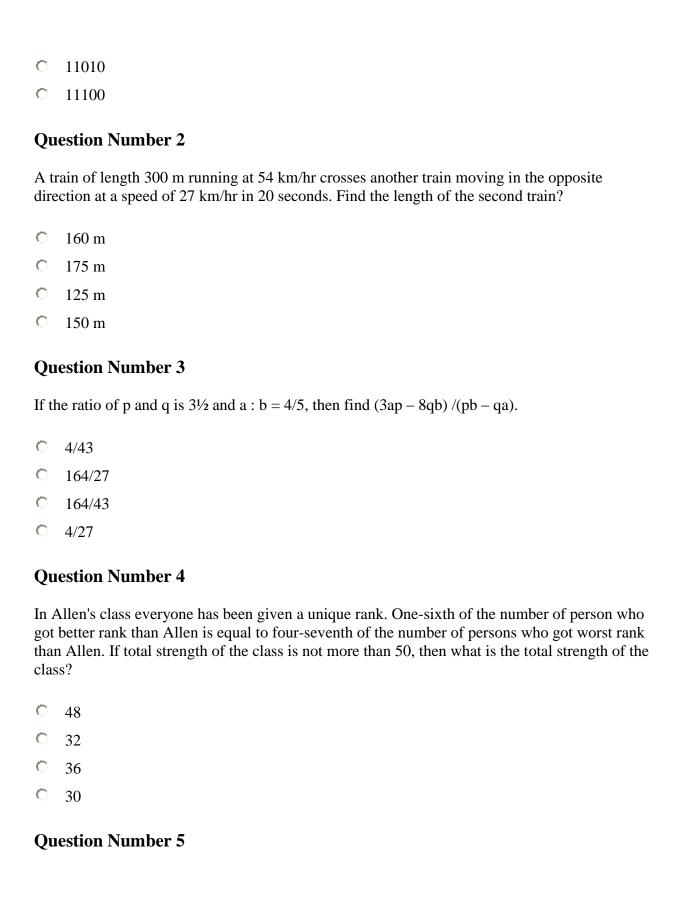
Qu	estion Number 7
Sele	ect the option that represents the 'I' in ACID rules.
0	The completed transactions cannot be aborted later
0	Either all the statements in a transaction must be executed, or none of them should be executed
0	Each transaction must maintain the integrity constraints of the database
0	Any two simultaneous transactions cannot obstruct each other

© Every tuple in RelV2 has a K value that is equal to the FK value in some tuple in RelV1



In the binary system what is 111001-11011?

- 0 11110
- 11101
- O 111111



Spo	class, 64% of the students are boys. 62.5% of boys and 44.44% of girls are members of the arts Club in the town. Number of girls who are NOT members of the club is 'x'% of the aber of boys who are NOT members. What is the value of x?
0	75
0	87.67
\circ	83.33
0	80
Qu	estion Number 6
	speaks truth in 60% cases and Jane speaks truth in 75% cases. The probability that they will the same while stating a fact is?
\circ	9/10
\circ	9/20
\circ	11/20
O	1/10
Qu	estion Number 7
time	erson in a train observes that a faster train takes 30 seconds to pass him. What will be the e taken by the faster train to cross a pole, if the trains traveling in the opposite directions and speed of the slower train is half that of the faster?
0	60 sec
\circ	45 sec
0	75 sec
0	90 sec
Qu	estion Number 8
	an can load 1 box in a truck in 8 minutes and the truck can hold 6 boxes. How many trucks completely loaded by 16 men in 1 hour 10 minutes?
0	23
\circ	22
0	24

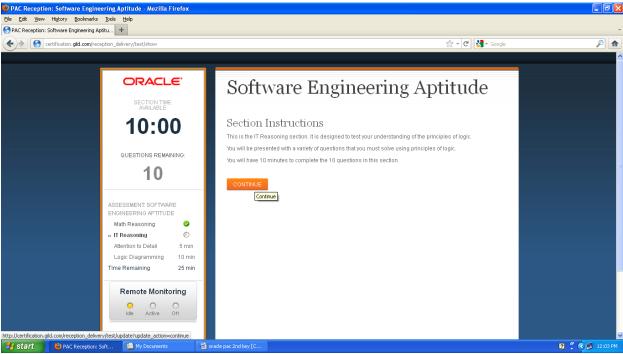
A sum amounts to three times itself at a certain rate of simple interest in five years. In what time will the same sum become five times itself and what is the rate of interest?

- 10 years; 25% p.a.
- 10 years; 20% p.a.
- 10 years; 40% p.a.
- 15 years; 40% p.a.

Question Number 10

The income of A and B are in the ratio 3: 2 and expenses are in the ratio 5: 3. If both save US \$ 200, then the income of A is_____.

- O US \$ 800
- O US \$ 1,200
- O US \$ 1,000
- O US \$ 1,500



Question Number 1

'X' number of men can complete a job in 'Y' days. 'P' number of women can complete the same job in 'Q' days. In how many days can 'P' men and 'X' women, working together, complete the same job from start to finish?

- (P/XY + X/PQ)
- (XY/P + PQ/X)
- 1 / (XY/P + PQ/X)
- 1 / (P/XY + X/PQ)

Question Number 2

The price charged by a tailor per suit is \$X. Navy blue suits are charged at 10% extra. The tailor also gives a discount of \$Y for each suit in excess of 3 suits, ordered at the same time. If I order 7 suits, 5 of them black and 2 of them navy blue, then what will be the amount of the bill?

- O 7.2X 4Y
- \circ 7.7X 4Y
- \circ 7(X Y)

The problem below contains a question and two statements labeled A and B that give data pertaining to the question. Determine whether the information given in statements A and B is sufficient to answer the question, and select the correct answer from options 1-4:

- 1. The question can be answered by using one of the statements alone but not the other.
- 2. The question can be answered by using either statement alone.
- 3. The question can be answered by using both the statements together.
- 4. Neither of the statements, individually or jointly, provide sufficient data to answer the question.

How much money is collected among a group of 16 friends for a party?

- A. The first person contributes US \$1 and each subsequent person contributes US \$1 more than the previous one
- B. The average money contributed is the fifth root of twice the number of friends
- \bigcirc 1
- 0 2
- O 3
- \cap Λ

Question Number 4

Jane saves X% of her salary S every month. When her salary goes up by 50% due to a promotion, she decides to increase her monthly expenditure by 25%. By how much does her monthly savings increase?

- \circ 1.5S-1.25S(1 X/100)
- 1.5S-1.25S SX/100
- \circ S(0.25 X/100)
- \circ 1.5S-1.25S(1 X)

The problem below contains a question and two statements labeled A and B that give data pertaining to the question. Determine whether the information given in statements A and B is sufficient to answer the question, and select the correct answer from the given options.

If 7a+4b = 18, what is the value of b?

A.
$$14a+8b = 36$$

B. $4a+7b = 15$

- The question can be answered by using one of the statements alone but not the other
- The question can be answered by using either statement alone
- The question can be answered by using both the statements together, but not by using either statement alone
- Neither of the statements, individually or jointly, provides sufficient data to answer the question

Question Number 6

If an empty Jug weighs x pounds and can hold y pounds of water, how much does the Jug weigh when it's z % empty?

 \circ x + yz

 \bigcirc x + y - z

x + (1-z)y

 \bigcirc x + (1-yz)

Question Number 7

The problem below contains a question and two statements labeled A and B that give data pertaining to the question. Determine whether the information given in statements A and B is sufficient to answer the question, and select the correct answer from options 1-4.

- 1. The question can be answered by using one of the statements alone but not the other.
- 2. The question can be answered by using either statement alone.
- 3. The question can be answered by using both the statements together, but not by using either statement alone.
- 4. Neither of the statements, individually or jointly, provides sufficient data to answer the question.

A gas X contains oxygen and hydrogen in the proportion 5:7. What is the ratio of oxygen and hydrogen in gas Z?

A. Gas Y contains oxygen and hydrogen in the proportion 4:3

B. Gas Z contains gas X and gas Y in the proportion 3:1

0 1

O 2

0 3

0 4

Question Number 8

A grocer buys X boxes (each box containing 4 dozen apples) at \$40 a box. He has to discard 10% of the apples as they are rotten. He sells Y% of the remaining apples at \$1.50 an apple and the rest at \$0.75 an apple. The profit he makes from the sale is______.

(48*X)*(1.5*Y) + 0.75*(1-Y) - (X*40)

 \circ (0.9*48*X)*((1.5*Y) + 0.75*(1-Y)) – (X*40)

(0.9*48*X)*(1.5*(Y/100) + 0.75*(1-Y/100)) - (X*40)

0.1.5*(Y/100)*(0.9*48*X) + 0.75*(0.9*48*X*(1-Y/100)) - (X*40*48)

Question Number 9

The problem below contains a question and two statements labeled A and B that give data pertaining to the question. Determine whether the information given in statements A and B is sufficient to answer the question, and select the correct answer from options 1-4:

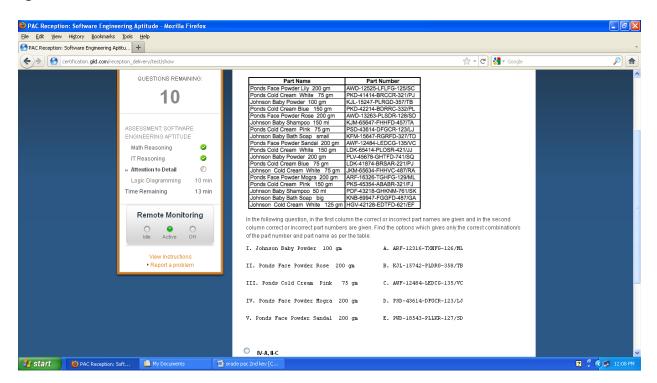
- 1. The question can be answered by using one of the statements alone but not the other.
- 2. The question can be answered by using either statement alone.
- 3. The question can be answered by using both the statements together.
- 4. Neither of the statements, individually or jointly, provides sufficient data to answer the question.

Find the average salary of the staff (each is either a worker or a manager) in an office

A. The average salary of the workers is US \$40,000 and of the managers is US \$60,000

B. The ratio of workers to managers is 4:1
O 1
C 2
C 3
C 4
Question Number 10
This problem contains a question and two statements giving certain data pertaining to the question. Select the correct answer from 1 to 5 as follows depending on the sufficiency of the data given in the statements to answer the question:
1. If statement A alone is sufficient to answer the question and statement B alone is not sufficient.
2. If statement B alone is sufficient to answer the question and statement A alone is not sufficient.
3. If either statement A alone or statement B alone is sufficient.
4. If both statements A & B together are not sufficient.
5. If statements A & B together are needed but either statement alone is insufficient.
Who gets the highest share of the profit among three partners – Alex, Barry and Cody?
A. Alex gets 25% of the profits and Barry gets one-tenth more than he gets B. Cody gets US \$5555 as his share
O 1
© 2
© 3
O 4
C 5



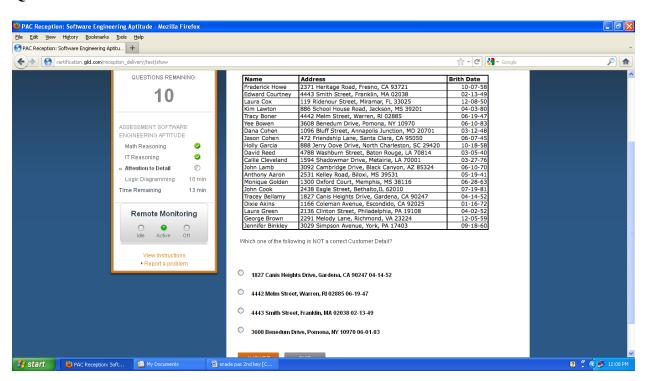


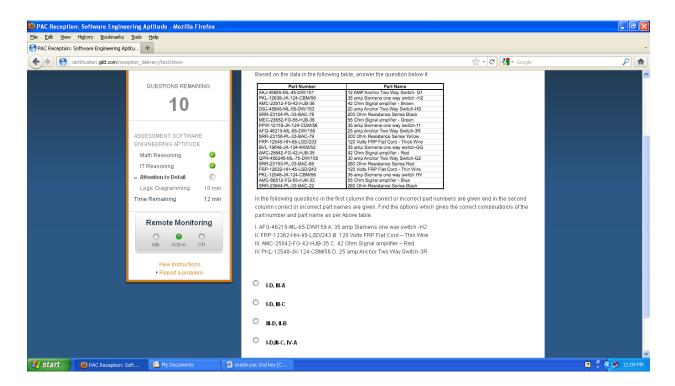
In the following question, in the first column the correct or incorrect part names are given and in the second column correct or incorrect part numbers are given. Find the options which gives only the correct combination/s of the part number and part name as per the table.

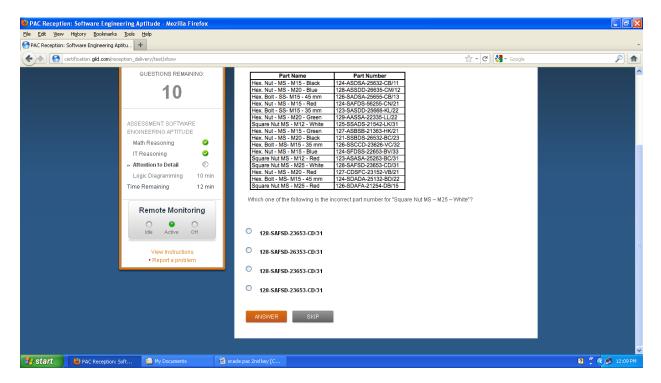
- I. Johnson Baby Powder 100 gm
- II. Ponds Face Powder Rose 200 gm
- III. Ponds Cold Cream Pink 75 gm
- IV. Ponds Face Powder Mogra 200 gm
- V. Ponds Face Powder Sandal 200 gm
- O IV-A, II-C
- III-B, IV-C
- III-D, V-C
- O I-B, II-E

- A. ARF-12316-TXNFG-126/ML
- B. KJL-15742-PLDRG-358/TB
- C. AWF-12484-LEDCG-135/VC
- D. PSD-43614-DFGCR-123/LJ
- E. PWD-18543-PLLKR-127/SD

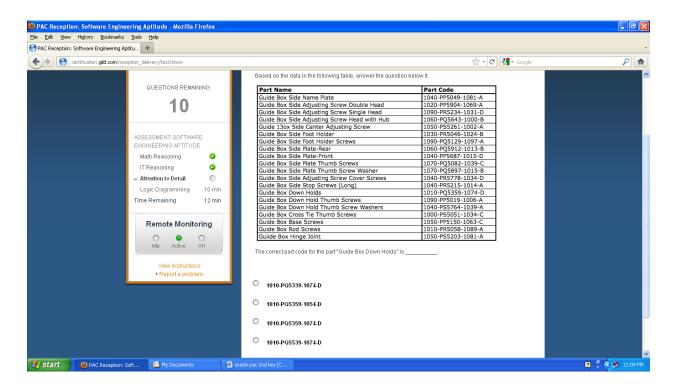
Question Number 3

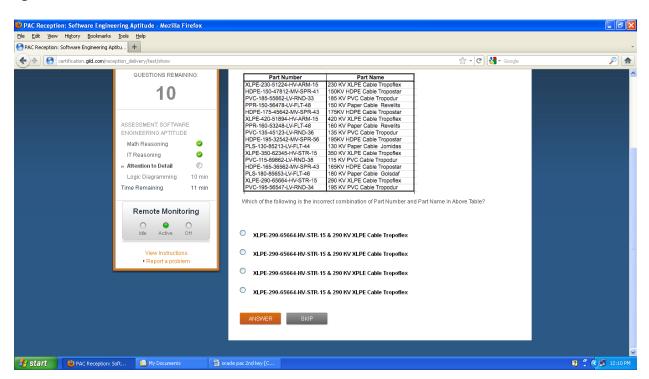


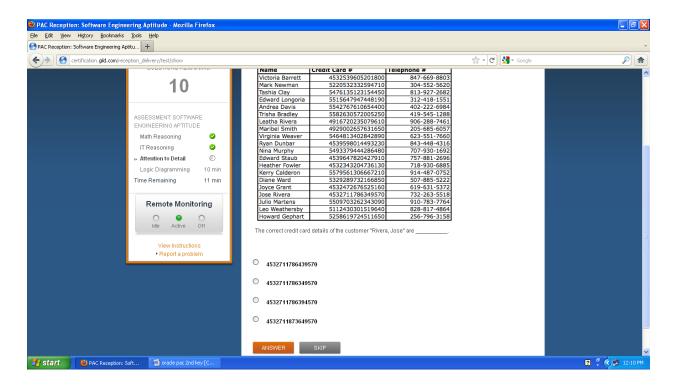


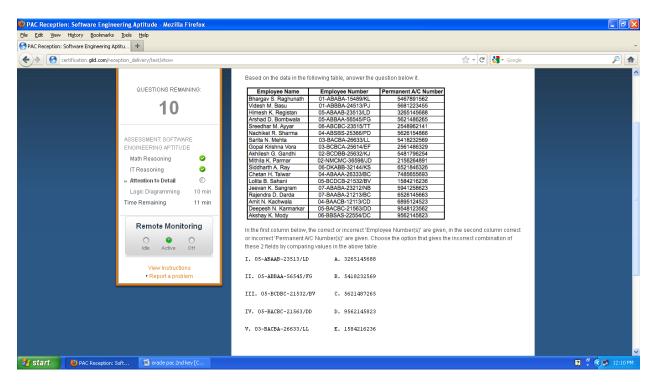


Question Number 6









I. 05-ABAAB-23513/LD

A. 3265145688

II. 05-ABBAA-56545/FG

в. 5418232569

III. 05-BCDBC-21532/BV

C. 5621487265

IV. 05-BACBC-21563/DD

D. 9562145823

V. 03-BACBA-26633/LL

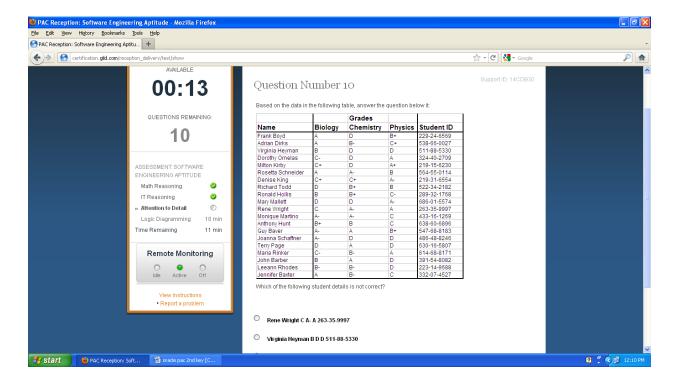
E. 1584216236

O I-A, III-E

I-A, V-B

□ II-C, IV-D

IV-A, V-B



Which of the following student details is not correct?

- © Rene Wright C A- A 263-35-9997
- O Virginia Heyman B D D 511-88-5330
- O Ronald Hollis B B+ C- 289-32-1768
- Jennifer Baxter A B- C 332-07-4257

Section Instructions

This is the Logic Diagramming section. It is designed to test your ability to follow a workflow in a logical manner.

For the following five questions you will be presented with one diagram depicting a workflow. Refer to the diagram in order to answer each of the questions.

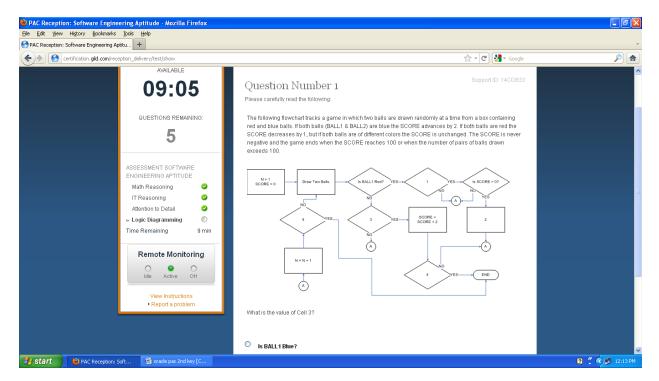
You will have 10 minutes to complete the 5 questions in this section.

Continue

Question Number 1

Please carefully read the following:

The following flowchart tracks a game in which two balls are drawn randomly at a time from a box containing red and blue balls. If both balls (BALL1 & BALL2) are blue the SCORE advances by 2. If both balls are red the SCORE decreases by 1, but if both balls are of different colors the SCORE is unchanged. The SCORE is never negative and the game ends when the SCORE reaches 100 or when the number of pairs of balls drawn exceeds 100.



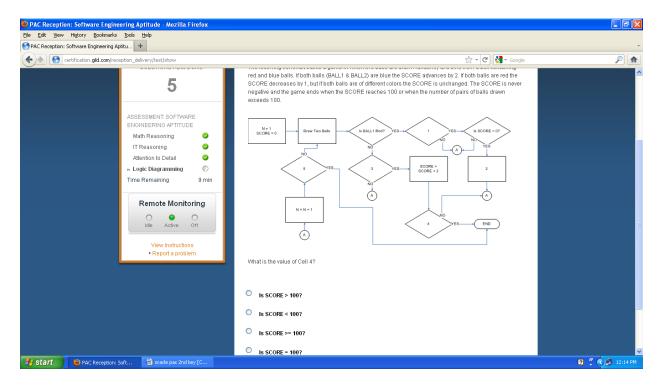
What is the value of Cell 3?

What is the value of Cell 3?

- Is BALL1 Blue?
- Is BALL1 Red?
- Is BALL2 Blue?
- Is BALL2 Red?

Please carefully read the following:

The following flowchart tracks a game in which two balls are drawn randomly at a time from a box containing red and blue balls. If both balls (BALL1 & BALL2) are blue the SCORE advances by 2. If both balls are red the SCORE decreases by 1, but if both balls are of different colors the SCORE is unchanged. The SCORE is never negative and the game ends when the SCORE reaches 100 or when the number of pairs of balls drawn exceeds 100.

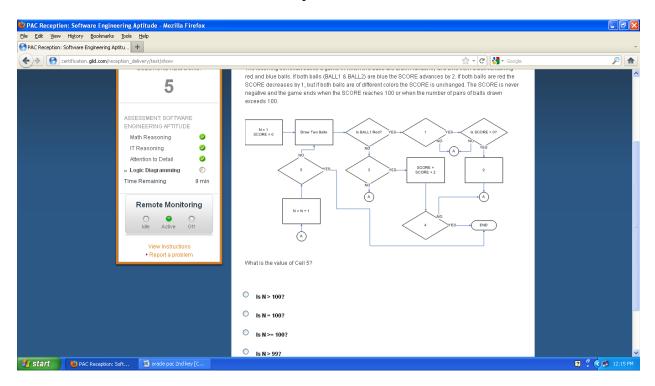


What is the value of Cell 4?

- Is SCORE > 100?
- Is SCORE < 100?
- \circ Is SCORE >= 100?
- \circ Is SCORE = 100?

Please carefully read the following:

The following flowchart tracks a game in which two balls are drawn randomly at a time from a box containing red and blue balls. If both balls (BALL1 & BALL2) are blue the SCORE advances by 2. If both balls are red the SCORE decreases by 1, but if both balls are of different colors the SCORE is unchanged. The SCORE is never negative and the game ends when the SCORE reaches 100 or when the number of pairs of balls drawn exceeds 100.



What is the value of Cell 5?

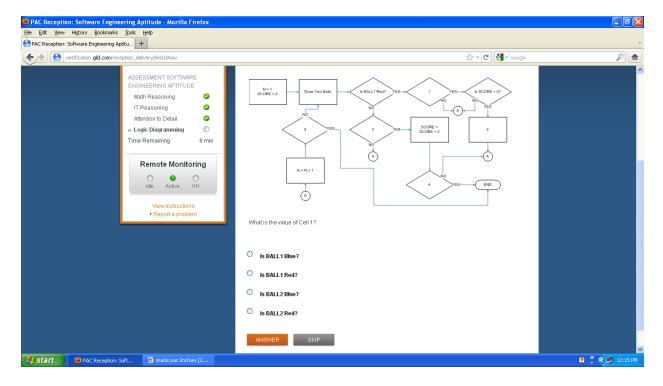
- \circ Is N > 100?
- \circ Is N = 100?
- \circ Is N >= 100?
- \circ Is N > 99?

Question Number 4

Please carefully read the following:

The following flowchart tracks a game in which two balls are drawn randomly at a time from a box containing red and blue balls. If both balls (BALL1 & BALL2) are blue the SCORE advances by 2. If both balls are red the SCORE decreases by 1, but if both balls are of different

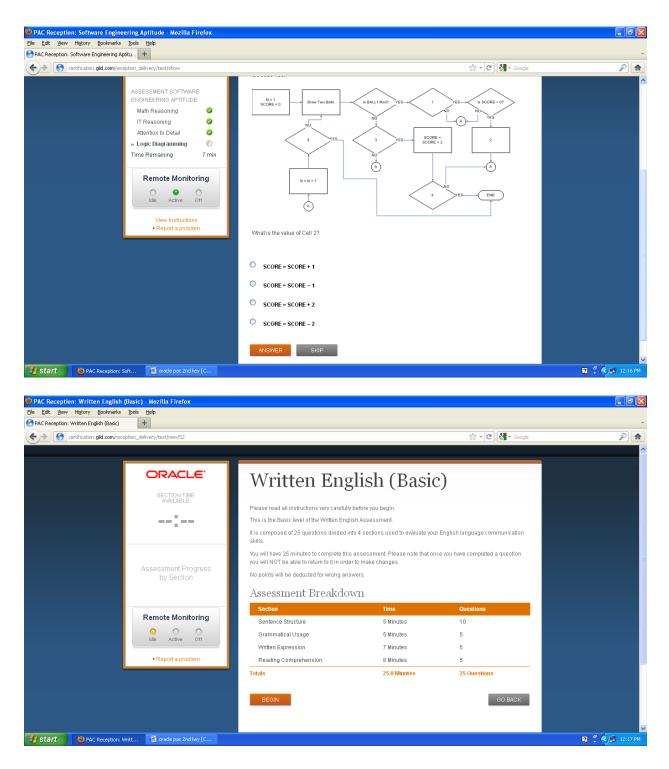
colors the SCORE is unchanged. The SCORE is never negative and the game ends when the SCORE reaches 100 or when the number of pairs of balls drawn exceeds 100.



Question Number 5

Please carefully read the following:

The following flowchart tracks a game in which two balls are drawn randomly at a time from a box containing red and blue balls. If both balls (BALL1 & BALL2) are blue the SCORE advances by 2. If both balls are red the SCORE decreases by 1, but if both balls are of different colors the SCORE is unchanged. The SCORE is never negative and the game ends when the SCORE reaches 100 or when the number of pairs of balls drawn exceeds 100.



Written English (Basic)

Section Instructions

This is the Sentence Structure section. It is designed to test your ability to use proper grammar and form logical ideas in the English language.

You will be given a sentence with one or more blanks along with four potential answer options. Based on the context of the sentence, you must identify the best answer option to fill in the blank.

You will have 5 minutes to complete the 10 questions in this section.

Example:

Jen needed to _____ one more math class in order to _____ her secondary school degree.

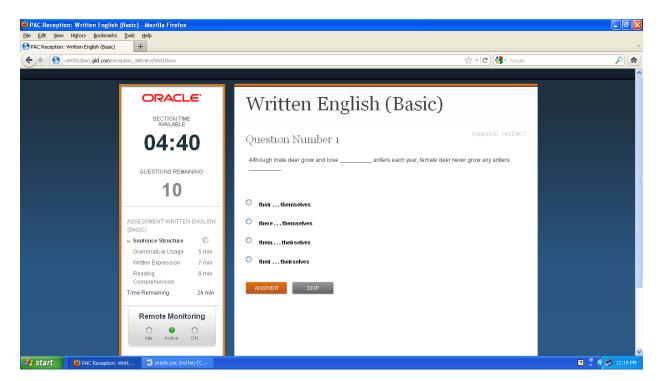
A. took...finish

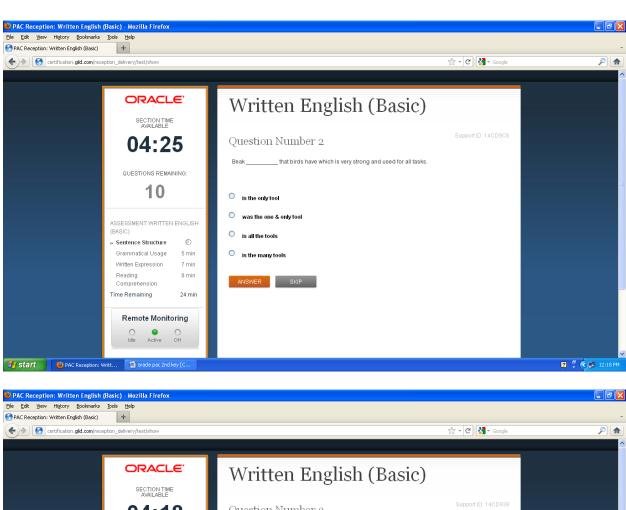
B. take...complete

C. taked...finished

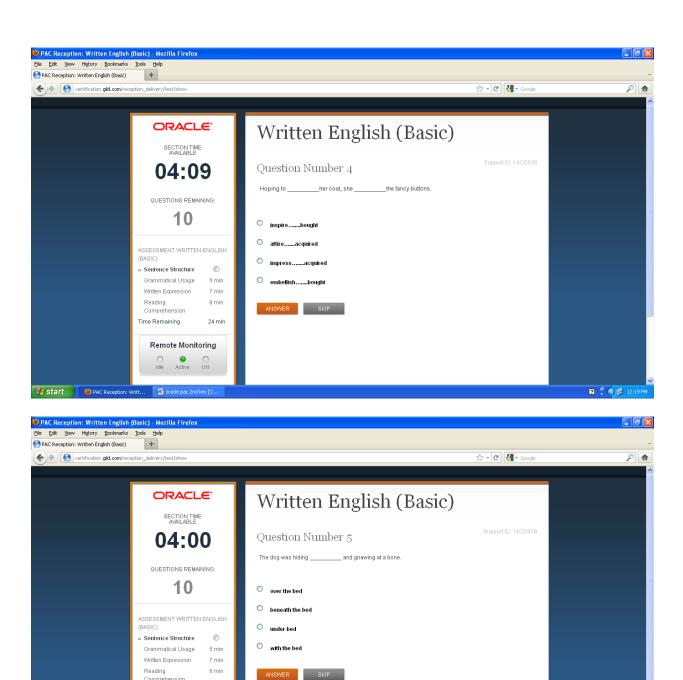
D. takes...completes

Continue









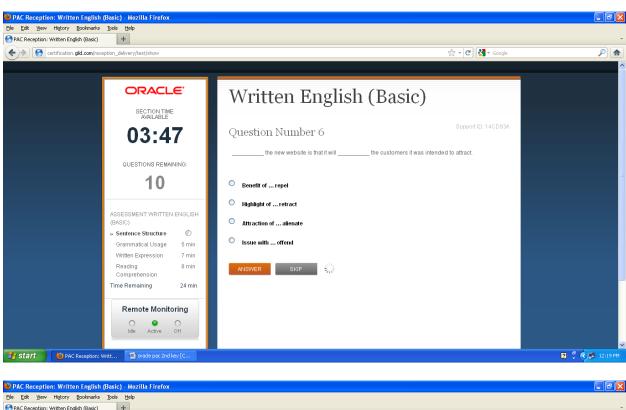
2 C 12:19 PM

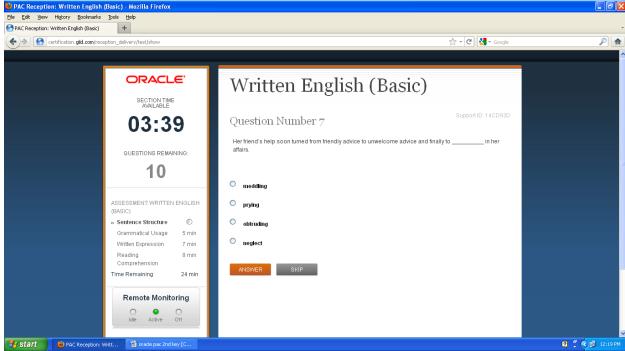
Comprehension Time Remaining

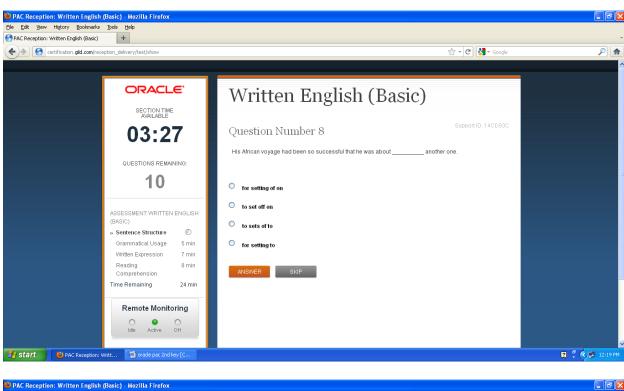
🐉 **start** 💛 PAC Reception: Writt.

Remote Monitoring

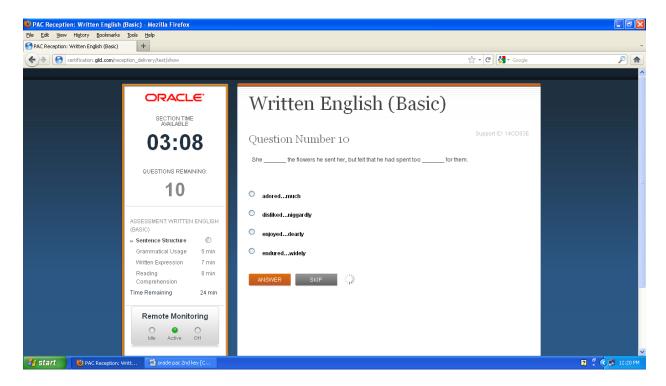
24 min











Section Instructions

This is the Grammatical Usage section. It is designed to test your ability to understand the proper usage of basic parts of speech and words used in the English language.

You will be presented with 5 questions asking you to either identify a grammatical error or choose the word or phrase that correctly completes a statement.

An example of this kind of question is given below. There would be a sentence given with a missing word (blank). You are required to select the right word that completes the sentence.

Example:

The people _____ I met on holiday in France knew my boss.

- A) where
- B) those
- C) whom (correct)
- D) what

You will have 5 minutes to complete the 5 questions in this section.

Continue

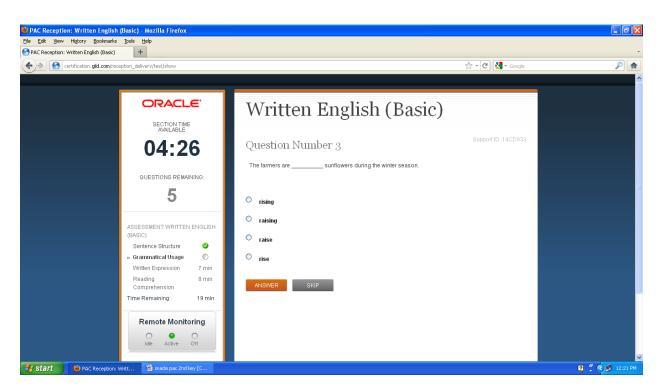
Question Number 1

When did you _____ your letter?

- have got
- getting
- got
- get

Question Number 2

- help
- helping
- helps
- helped



Question Number 4

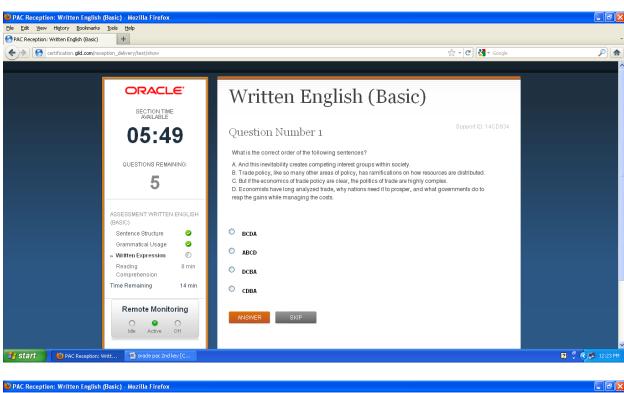
The government _____ the new law this year.

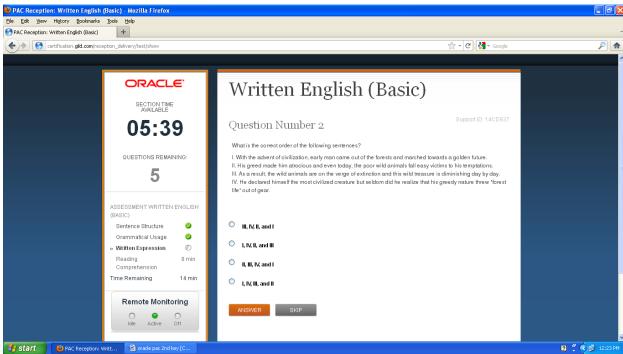
has passed

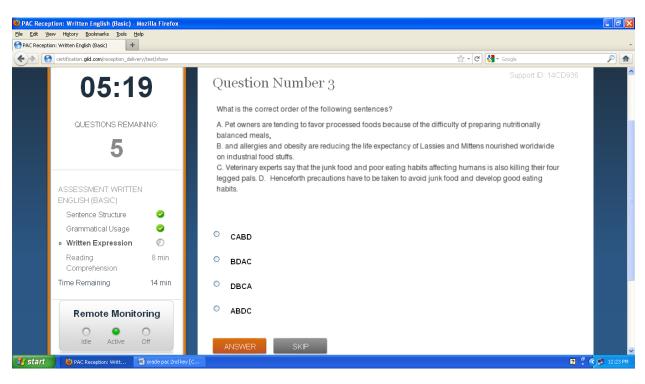
0	are passing	
0	have passed	
0	were passing	
Qu	estion Number 5	
	do you think he is?	
0	Whose	
0	Who	
0	Whom	
0	Who's	
Sec	etion Instructions	
This is the Written Expression section. It is designed to test your ability to logically and clearly organize ideas using the English language.		
	each question you will be given four relevant sentences that you must arrange into a agraph that makes sense.	
You	will have 7 minutes to complete the 5 questions in this section.	
Exa	ample:	
What is the correct order of the following sentences?		
A) :	Social networking profiles are fascinating exercises on the construction of self-identity.	
	They have control over what profile photos they put up and what information they make ilable to others.	
,	Through a social networking profile, users articulate how they see themselves through their the profiles.	
D) :	In general, people use photos that reveal something about their personalities.	
AC AB CA		

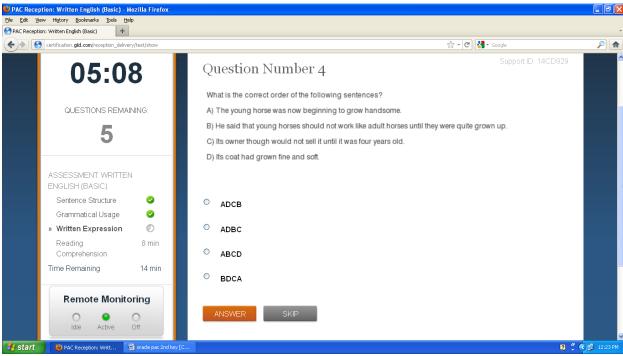
Continue

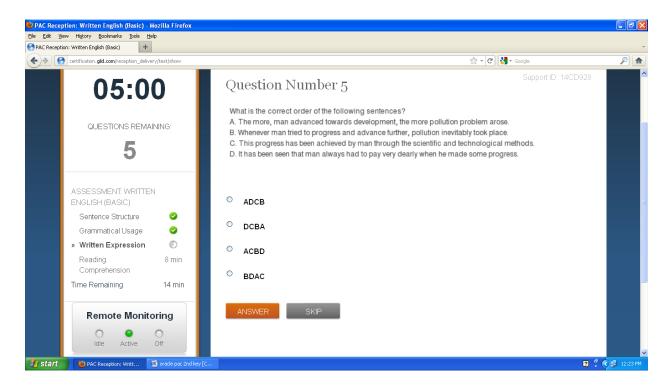
CBDA











Written English (Basic)

Section Instructions

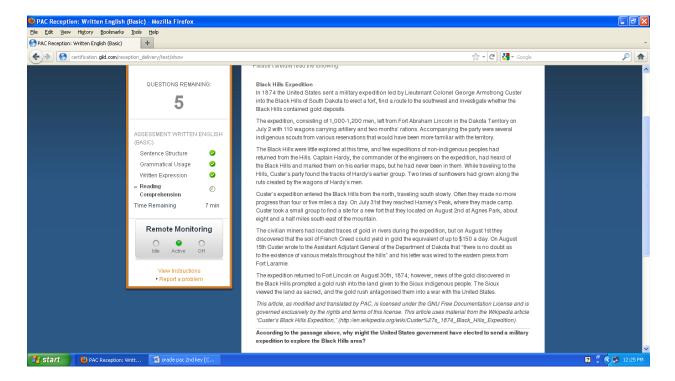
This is the Reading Comprehension section. It is designed to test your ability to understand the English language in its written form as well as draw logical conclusions based on the information presented in a general reading passage.

This section has 1 reading passage and 5 questions pertaining to the passage that you must answer. You will have 8 minutes to complete this section.

Continue

Question Number 1

Please carefully read the following:



- Because most expeditions led by non-indigenous leaders had not returned from that area. Also, the government wanted to locate an area for a military fort
- Because they were not sure how the people that inhabited the area would respond to foreigners, and they didn't want to endanger civilians lives
- Because the Black Hills was a territory of the United States and civilian expeditions were not allowed within its limits
- In order to protect the civilians that were part of the expedition

Question Number 2

Please carefully read the following:

In 1874 the United States sent a military expedition led by Lieutenant Colonel George Armstrong Custer into the Black Hills of South Dakota to erect a fort, find a route to the southwest and investigate whether the Black Hills contained gold deposits.

The expedition, consisting of 1,000-1,200 men, left from Fort Abraham Lincoln in the Dakota Territory on July 2 with 110 wagons carrying artillery and two months' rations. Accompanying the party were several indigenous scouts from various reservations that would have been more familiar with the territory.

The Black Hills were little explored at this time, and few expeditions of non-indigenous peoples had returned from the Hills. Captain Hardy, the commander of the engineers on the expedition, had heard of the Black Hills and marked them on his earlier maps, but he had never been in them. While traveling to the Hills, Custer's party found the tracks of Hardy's earlier group. Two lines of sunflowers had grown along the ruts created by the wagons of Hardy's men.

Custer's expedition entered the Black Hills from the north, traveling south slowly. Often they made no more progress than four or five miles a day. On July 31st they reached Harney's Peak, where they made camp. Custer took a small group to find a site for a new fort that they located on August 2nd at Agnes Park, about eight and a half miles south-east of the mountain.

The civilian miners had located traces of gold in rivers during the expedition, but on August 1st they discovered that the soil of French Creed could yield in gold the equivalent of up to \$150 a day. On August 15th Custer wrote to the Assistant Adjutant General of the Department of Dakota that "there is no doubt as to the existence of various metals throughout the hills" and his letter was wired to the eastern press from Fort Laramie.

The expedition returned to Fort Lincoln on August 30th, 1874; however, news of the gold discovered in the Black Hills prompted a gold rush into the land given to the Sioux indigenous people. The Sioux viewed the land as sacred, and the gold rush antagonised them into a war with the United States.

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According to the passage above, what did Colonel Custer write to the Assistant Adjutant General of the Department of Dakota that his expedition had found?

0	That his expedition had found "various metals throughout the hills"
0	That his expedition had found "gold throughout the hills"
0	That his expedition had found Agnes Park, the site for the new fort
Ö	That his expedition had found Captain Hardy's missing party

Question Number 3

Please carefully read the following:

In 1874 the United States sent a military expedition led by Lieutenant Colonel George Armstrong Custer into the Black Hills of South Dakota to erect a fort, find a route to the southwest and investigate whether the Black Hills contained gold deposits.

The expedition, consisting of 1,000-1,200 men, left from Fort Abraham Lincoln in the Dakota Territory on July 2 with 110 wagons carrying artillery and two months' rations. Accompanying the party were several indigenous scouts from various reservations that would have been more familiar with the territory.

The Black Hills were little explored at this time, and few expeditions of non-indigenous peoples had returned from the Hills. Captain Hardy, the commander of the engineers on the expedition, had heard of the Black Hills and marked them on his earlier maps, but he had never been in them. While traveling to the Hills, Custer's party found the tracks of Hardy's earlier group. Two lines of sunflowers had grown along the ruts created by the wagons of Hardy's men.

Custer's expedition entered the Black Hills from the north, traveling south slowly. Often they made no more progress than four or five miles a day. On July 31st they reached Harney's Peak, where they made camp. Custer took a small group to find a site for a new fort that they located on August 2nd at Agnes Park, about eight and a half miles south-east of the mountain.

The civilian miners had located traces of gold in rivers during the expedition, but on August 1st they discovered that the soil of French Creed could yield in gold the equivalent of up to \$150 a day. On August 15th Custer wrote to the Assistant Adjutant General of the Department of Dakota that "there is no doubt as to the existence of various metals throughout the hills" and his letter was wired to the eastern press from Fort Laramie.

The expedition returned to Fort Lincoln on August 30th, 1874; however, news of the gold discovered in the Black Hills prompted a gold rush into the land given to the Sioux indigenous people. The Sioux viewed the land as sacred, and the gold rush antagonised them into a war with the United States.

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According to the passage above, how did Custer's expedition know when they ran across the tracks from Captain Hardy's previous journey near the Black Hills?

0	They found two lines of sunflowers growing in the ruts created by Captain Hardy's wagons
0	They found the campsites of Captain Hardy's group
0	They were traveling in the areas that he had mapped on the earlier journey
Ō	They found the burned remnants of his wagons from an attack

Question Number 4

In 1874 the United States sent a military expedition led by Lieutenant Colonel George Armstrong Custer into the Black Hills of South Dakota to erect a fort, find a route to the southwest and investigate whether the Black Hills contained gold deposits.

The expedition, consisting of 1,000-1,200 men, left from Fort Abraham Lincoln in the Dakota Territory on July 2 with 110 wagons carrying artillery and two months' rations. Accompanying the party were several indigenous scouts from various reservations that would have been more familiar with the territory.

The Black Hills were little explored at this time, and few expeditions of non-indigenous peoples had returned from the Hills. Captain Hardy, the commander of the engineers on the expedition, had heard of the Black Hills and marked them on his earlier maps, but he had never been in them. While traveling to the Hills, Custer's party found the tracks of Hardy's earlier group. Two lines of sunflowers had grown along the ruts created by the wagons of Hardy's men.

Custer's expedition entered the Black Hills from the north, traveling south slowly. Often they made no more progress than four or five miles a day. On July 31st they reached Harney's Peak, where they made camp. Custer took a small group to find a site for a new fort that they located on August 2nd at Agnes Park, about eight and a half miles south-east of the mountain.

The civilian miners had located traces of gold in rivers during the expedition, but on August 1st they discovered that the soil of French Creed could yield in gold the equivalent of up to \$150 a day. On August 15th Custer wrote to the Assistant Adjutant General of the Department of Dakota that "there is no doubt as to the existence of various metals throughout the hills" and his letter was wired to the eastern press from Fort Laramie.

The expedition returned to Fort Lincoln on August 30th, 1874; however, news of the gold discovered in the Black Hills prompted a gold rush into the land given to the Sioux indigenous people. The Sioux viewed the land as sacred, and the gold rush antagonised them into a war with the United States.

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According to the passage above, what event did news of gold in the Black Hills prompt?

	A gold rush into the Black Hills, causing the Sioux to go to war against the United States
0	The purchase of the land by the United States
0	The confirmation of the Black Hills land as sacred
0	The westward movement by Americans referred to as "Manifest Destiny"

Question Number 5

In 1874 the United States sent a military expedition led by Lieutenant Colonel George Armstrong Custer into the Black Hills of South Dakota to erect a fort, find a route to the southwest and investigate whether the Black Hills contained gold deposits.

The expedition, consisting of 1,000-1,200 men, left from Fort Abraham Lincoln in the Dakota Territory on July 2 with 110 wagons carrying artillery and two months' rations. Accompanying the party were several indigenous scouts from various reservations that would have been more familiar with the territory.

The Black Hills were little explored at this time, and few expeditions of non-indigenous peoples had returned from the Hills. Captain Hardy, the commander of the engineers on the expedition, had heard of the Black Hills and marked them on his earlier maps, but he had never been in them. While traveling to the Hills, Custer's party found the tracks of Hardy's earlier group. Two lines of sunflowers had grown along the ruts created by the wagons of Hardy's men.

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The expedition returned to Fort Lincoln on August 30th, 1874; however, news of the gold discovered in the Black Hills prompted a gold rush into the land given to the Sioux indigenous people. The Sioux viewed the land as sacred, and the gold rush antagonised them into a war with the United States.

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According to the passage above, why did the expedition use indigenous scouts?

- Because they would have been more familiar with the territory than Custer's men
- Because they would have been the best fighters against potential attackers or predators
- Because the scouts would not have been interested in finding gold deposits and becoming wealthy, and therefore the expedition group wouldn't need to fight with them over any gold
- wealthy, and therefore the expedition group wouldn't need to fight with them over any gold that they found
- Because they would have been better at finding food and hunting for meat