

【東京会場】

受験番号

氏名

グローバル人材学力検定

＜施行日:平成 24 年 12 月 2 日 制限時間:90 分＞

＜受験者への注意事項＞

1. 注意事項

- (1) そろばんや電卓などの計算器具は、使用しないでください。
- (2) 試験開始の合図があるまでは、この問題用紙（答案用紙）を開かないでください。
- (3) 携帯電話は電源を必ず切って、机の上に置いてください。
- (4) 試験は開始後、終了するまで途中退場はできません。

2. 答案記入上の注意点

- (1) 表紙の上に受験番号と氏名（名前）を必ず書いてください。
- (2) 答は問題の英文の下に、根拠を示し、はっきりと日本語で書いてください。
- (3) 答は縦に書かないでください。
- (4) 1 つの問題について答を 2 つ以上書いた場合は、採点対象となりません。

3. 問題解答例

Five chickens lay five eggs for five minutes. On the same condition, how many eggs do 15 chickens lay for 15 minutes?

（解答のプロセス）

- ① まずは、英語で情報を取ってください。＜問題は英訳すると“5羽の鶏が、5分間に5個卵を産みます。同じ条件では15羽の鶏が15分間にいくつの卵を産みますか”となりますが、日本語訳は答案用紙には記入不要です。＞
- ② 次に、数学で思考してください
- ③ 日本語で解答し、解答プロセスをあわせて記載してください。
解答の仕方は以下のようになります。

解答：45個

【5羽の鶏が、5分間に5個卵を産みます。】この記述から読み取れること

→1羽の鶏が産卵するまでに5分かかる。→1羽の鶏は15分間に3個卵を産む。

これが15羽なので、 $15 \times 3 = 45$ となる。

このように、英文の下の空欄に解答とあわせて、その解答を導くプロセスを他者に伝わるように記載してください。

Question 1 :

We can change rice 8 *sho* for soybean 2 *to*.

In this case how much rice can you change 6 soybean *koku* for?

Explain it based on the following unit conversion tables.

1 *koku* = 10 *to* (180 liters) → 一石

1 *to* = 10 *sho* (18 liters) → 一斗

1 *sho* = 10 *go* (1.8 liters) → 一升・十合

Question2 :

Taro decided to read a book. He read 30pages on the first day. He read two-fifths of the remainder on the second day, and he read three-fourths of the remainder which he had finished reading on the third day. Then 15 pages were left. How many pages to read in this book?

Question3:

As for payment ways, the salary of a certain company there are two types.
In the A course, a base salary is 100,000 yen.

Whenever you take one contract, you can receive incentive of 5,000 yen .

In the B course, the base salary is 200,000 yen.

Whenever you take one contract, you can receive incentive of 2,000 yen._

If you take the contract of the same number, how many contracts are needed for A to exceed the salary of B?

Question4 :

The shop owner purchased 700 products and each cost was 1000 Yen.
First time he tried to sell each product for 2,000 yen, but nothing sold.
After 30% discount price was set, all 700 products were sold out.
How much is the total profit (net income)?

Question5 :

There is 32 l oil in container A. And there is one more empty container B as the same size.

What should we do to divide 32l oil in half between container A and B with a 4 l container and a 10 l container? Explain it.

Question6 :

Horse A raced with horse B at 500 meter .

A won the race ahead of the B by 30m.

If we moved back a starting line for A by 30m and these two run at the same speed, which horse will win the second race?

Why does that horse win? Please explain a reason.

Question 7 :

A certain research company investigated the change of the share between sake and the western liquors.

At the time of the investigation start, it was the same share (50% of each).

After conducting a similar investigation one month later, 30% of sake drinkers changed a thing to drink to western liquors. 20% of western liquor drinkers changed a thing to drink to sake.

If the share changes in the same ratio every month, two months later how much will the share of sake and that of western liquors become ?

Question 8 :

There are 1,000 10cm square cubes (legislation bodies). We pile up all these 1,000 cubes and make a bigger square cube.

How many number of 10cm square cubes you can see?

But all five appearance shows except the bottom.

Question9 :

Five people stand in one line.

How do five people line up based on the name of each person?

The hints are below. Please fill in all information to the following column.

Please explain the process.

1. The person who likes apple is Miki.
2. The next person from Fukuoka is from Sapporo.
3. The left of Ichiro is Yumi
4. The person who likes kiwi is on the left from the person who likes grapes.
5. The second from the left is from Fukuoka
6. Both people from Osaka and from Sapporo are next to the person from Sendai.
7. The left of the person from Fukuoka likes orange.
8. Takeshi is from Tokyo
9. The person who likes pineapples is on the right side of the person who likes apple.
10. Keiko is from Sapporo

	Left	-	Middle	-	Right
Name	タケシ	ミキ	ケイコ	ユミ	イチロー
Favorite fruit	オレンジ	リンゴ	パイナップル	キウイ	ぶどう
Hometown	東京	福岡	札幌	仙台	大阪

Explain this process

GLEP 受験者アンケート

検定試験お疲れ様でした。この検定をより良いものにしていくため、アンケートにご協力をお願いします。

1. 当検定をどうして知りましたか？

- ① () さんの紹介 ② WEB
③ その他 ()

2. 当試験問題の難易度は、どの程度でしたか？

次の3段階から選んで、教えてください。

- ①難しい ②普通 ③簡単

3. 当試験の記述式回答は、答えやすいですか？

- ①答えやすい ②普通 ③答えづらい

4. 就職に関する講座を受講する場合、適切な受講料は、どれくらいですか？

(3か月程度の受講期間)

- ① 10万円程度 ② 15万円程度 ③ 20万円程度
④ その他()

5. 当検定合格後、就職先紹介を当協会に期待しますか？

- ① 期待する ② 期待しない
③ その他 ()

6. 今回の試験に関して、ご意見ご希望など記載をお願いします。

ご協力ありがとうございました。