تم تحميل هذا الملف من موقع المناهج الإماراتية

أسئلة الامتحان النهائي القسم الورقي منهج انسباير

تاريخ إضافة الملف على موقع المناهج: 2024-06-19 13:14:27

التواصل الاجتماعي بحسب الصف السابع

اضغط هنا للحصول على جميع روابط "الصف السابع"

روابط مواد الصف السابع على تلغرام

التربية الاسلامية	اللغة العربية	اللغة الانجليزية	الرياضيات

المزيد من الملفات بحسب الصف السابع والمادة علوم في الفصل الثالث

1	أسئلة الامتحان النهائي القسم الورقي منهج بريدج
2	الإجابات النموذجية مراجعة شاملة وفق الهيكل الوزاري منهج بريدج
3	اختبار تدريبي القسم الورقي وفق الهيكل الوزاري منهج بريدج
4	الإجابات النموذجية اختبار تدريبي القسم الورقي وفق الهيكل الوزاري منهج بريدج

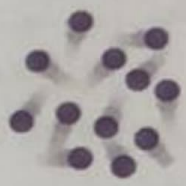
المزيد من الملفات بحسب الصف السابع والمادة علوم في الفصل الثالث	
5	مذكرة امتحانية وفق الهيكل الوزاري منهج بريدج

Question	1

A. Use the phrases or words in the following list to compare between the three states of matter according to the provided properties.

Close to each other	Move around randomly	Definite	Not Definite
Tightly packed	Move at high speed	Gas	Liquid

Fill in the blanks in the below table.

Structure / Properties			
Physical State	Solid	.....	.....
Volume	Definite	.....	.....
Shape	.....	.....	Not Definite
Particles Packing	.....	.....	Widely spaced
Particle Movement	Vibrate in place	.....	.....

B. In the following pair, which one has the greatest amount of energy?

Explain your answer.

An ice cube at 0°C or a recently melted ice cube at 0°C.

.....

.....

Question	2

A student identified the element percentage of atoms (nitrogen and oxygen) for the three compounds in the table below.

Compound	Nitrogen (N)	Oxygen (O)
X	67%	33%
Y	60%	40%
Z	33%	67%

A. Fill the table below with the correct element ratio and chemical formula for each compound.

Compounds	X	Y	Z
Element Ratio (N:O)	.....	.....	.....
Chemical Formula	.....	.....	.....

Continue...

B. The student wrote the following statement:

"All three compounds X, Y, and Z are the same compounds, colorless gases at room temperature, and can be used in industry for the same purpose."

To what extent do you agree with this statement? Explain your answer.

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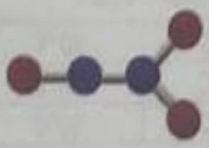
C. The student drew three models for those molecules in Table (1), but he made a mistake/s. Detect this/those mistake/s and correct it/them where it is needed in Table (2).

Table (1)

		
Compound X	Compound Y	Compound Z

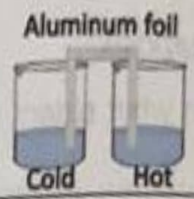
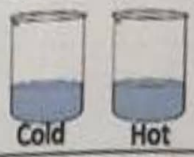
Key: = Nitrogen, N = Oxygen, O

Table (2)

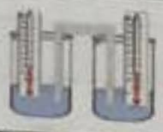
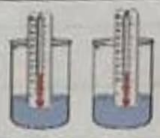
X	Y	Z

Question	3

In the following experiment, "Energy on the Move", four beakers were used, 2 beakers contained hot water (90°C) and two contained cold water (10°C).

Pair 1: a folded aluminum foil was added to the two beakers, (the hot and the cold).	
Pair 2: beakers were set aside without touching, the same distance as the beakers with the foil.	

The temperature was recorded every 5 minutes for 15 minutes, as in the following table of data.

	Pair 1		Pair 2	
				
5 minutes	10°C	90°C	10°C	90°C
10 minutes	20°C	68°C	11°C	88°C
15 minutes	35°C	50°C	13°C	86°C

A. What happened to the thermal energy in these beakers?

.....

.....

B. What does the temperature of pair 2 tell you?

.....

.....

C. Describe any relationships that you observe in your measurements.

.....

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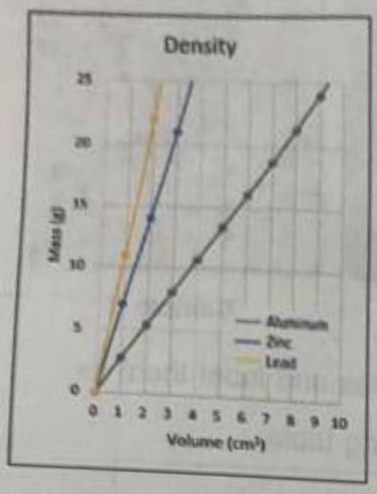
D. What are the components of the system and surroundings in pair 1?

- System .....
- Surrounding .....

Question	4

The below Density graph shows Volume (cm^3) vs. Mass (g) for three different substances. Answer the following question accordingly:



Volume (cm^3)	Mass (g)		
	Aluminum	Zinc	Lead
1	2.67	7	11
2	5.33	14	22
3	8	21	33

A. Order the density of the three substances from the lowest to the highest, in the flow chart below.

.....	.....	.....
Lowest Density	→	**Highest Density**

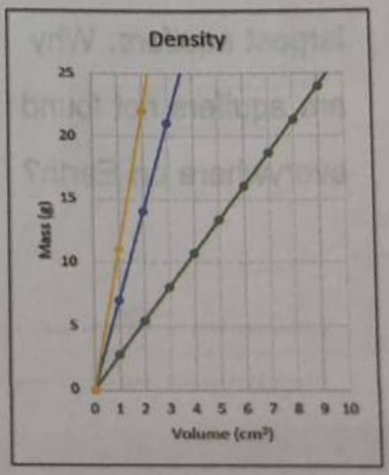
B. If we have 10 cm^3 of each substance, which would have the least mass?

.....

C. If we have 50 g of each substance, which would take up the smallest volume? .....

D. Sketch a line representing the titanium on the graph to the right, using data in the table below.

Volume (cm^3)	Mass (g)
1.11	5
2.00	9
3.00	13.5
4.00	18



Question	5

A. The following figure shows sediment samples, found on earth's crust with different pore spaces sediment.

Sample A Sample B Sample C

i. Differentiate between samples' pore spaces and label them as well-sorted or poorly sorted in the following table.

Sample A	.....
Sample B	.....
Sample C	.....

ii. Which of those samples has the lowest porosity? .....

iii. Can the same sediment have high porosity and permeability? Explain.

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B. The following map shows the locations of Earth's largest aquifers. Why are aquifers not found everywhere on Earth?

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End of Questions