Week 12 Assignment 12

The due date for submitting this assignment has passed.

Submitted assignment

1) What are the three binary systems shown in the diagram?

- 1 Isomorphous and 2 eutectic
- 2 Isomorphous and 1 eutectic
- 2 Isomorphous and 1 peritectic
- 1 Isomorphous and 2 monotectic

No, the answer is incorrect.

Score: 0

Accepted Answers:
2 Isomorphous and 1 eutectic

2) What are the three binary systems shown in the diagram?
2) Isomorphous and 1 Monotectic
3) Isomorphous
4) 1 Isomorphous and 2 eutectic

No, the answer is incorrect.
Score: 0
Accepted Answers:
- 2 Isomorphous and 1 Monotectic

3) What is the reaction for ternary eutectic?

- L1 + L2 --> α+β
- L+α+β --> γ
- L --> α+β+γ
- None of the above

No, the answer is incorrect.
Score: 0
Accepted Answers:
- L+α+β --> γ

4) What is the reaction for ternary peritectic?

- L1 + L2 --> α + β
- L+α+β --> γ
- L --> α + β + γ
- None of the above

No, the answer is incorrect.
Score: 0
Accepted Answers:
- L+α+β --> γ

5) Bi-Sb-Pb system has 3 binary systems. What are they?

- 1 Isomorphous and 2 Monotectic
- 1 Monotectic, 1 Eutectic and 1 Isomorphous
- 1 Eutectic and 2 Isomorphous
- 1 Isomorphous and 2 Eutectic

No, the answer is incorrect.
Score: 0
6) What are the maximum number of phases than can co-exist in a ternary system?

- 1
- 2
- 3
- 4

No, the answer is incorrect.
Score: 0
Accepted Answers:

7) How many two phase region(s) are there in the following phase diagram?

- 1
- 2
- 3
- 4

No, the answer is incorrect.
Score: 0
Accepted Answers:

8) In the above question, how many three phase region(s) are there?

- 1
- 2
- 3
- 4

No, the answer is incorrect.
Score: 0
Accepted Answers:

9) Which of the following shows an isothermal section at T1 in the following phase diagram?

- A
- B
- C
- D

No, the answer is incorrect.
Score: 0
Accepted Answers:
In the above phase diagram, the following isothermal section is at which temperature?  

**No, the answer is incorrect.**
Score: 0  
Accepted Answers:
No, the answer is incorrect.
Score: 0
Accepted Answers: T5