Week 4 Assignment 4

The due date for submitting this assignment has passed.
As per our records you have not submitted this assignment.

1) a. 
   b. 
   c. 
   d. 

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

2) a. 
   b. 
   c. 
   d. 

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

3) a. 
   b. 
   c. 
   d. 

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

5)  
   a.  
   b.  
   c.  
   d.  
   1 point

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

6)  
Three independent messages have bandwidths of 1000 Hz, 2000 Hz and 4000 Hz respectively. Each is sampled at the Nyquist rate and the samples are time division multiplexed and transmitted. The minimum sampling rate (in kilosamples/s) is

   a. 14  
   b. 18  
   c. 16  
   d. 20  
   1 point

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

7)  
   a.  
   b.  
   c.  
   d.  
   1 point

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

8)  
   1 point
The Fourier transform of a signal $x(n)$ is shown below.

Then the Fourier transform of $x(n)\cos(\omega/2)$ can be shown as.

(a) 

(b) 

(c) 

(d)
No, the answer is incorrect.
Score: 0
Accepted Answers: b

9) a. b. c. d.

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

10) a. b. c. d.

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

11) a. b. c. d.

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

12) a. b. c. d.

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

13) a. b. c. d.
No, the answer is incorrect.
Score: 0
Accepted Answers:
a.

14)  
   a.  
   b.  
   c.  
   d.  

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

15)  
   a.  
   b.  
   c.  
   d.  

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