

#Jenny



Finally I get this ebook, thanks for all these I can get now!

#Rio



Cool! I'am really happy

#Markus Jensen



I did not think that this would work, my best friend showed me this website, and it does! I get my most wanted eBook

#Hun Tsu



wtf this great ebook for free?!

#Che Salsa



My friends are so mad that they do not know how I have all the high quality ebook which they do not!

#Diego Butler



so many fake sites. this is the first one which worked! Many thanks

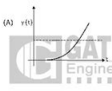

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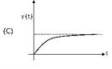
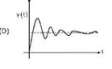
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Answer: - (B)

Exp: - Power efficient transmission → FM
Most bandwidth efficient → SSB-SC
Transmission of voice signal
Simplest receiver structure → conventional AM
Bandwidth efficient transmission of → VSB
Signals with significant DC component

16. The differential equation $100 \frac{dy}{dt} + 20 \frac{dy}{dt} + y = x(t)$ describes a system with an input $x(t)$ and an output $y(t)$. The system, which is initially relaxed, is excited by a unit step input. The output $y(t)$ can be represented by the waveform

(A)  (B) 

(C)  (D) 

Answer: - (A)

Exp: $\frac{100dy}{dt} + 20y = x(t)$

Apply LT both sides

$$(100s + 20) Y(s) = \frac{1}{s} \quad \left[x(t) = u(t) \Rightarrow X(s) = \frac{1}{s} \right]$$
$$Y(s) = \frac{1}{s(100s + 20 + 1)}$$

So we have poles with positive real part → system is unstable.

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