

جواب: $\frac{1}{2} \sin 2x + \frac{1}{4} \cos 2x + \frac{1}{4} \sin 4x + \frac{1}{4} \cos 4x + \frac{1}{4} \sin 6x + \frac{1}{4} \cos 6x + \dots$

18- $\frac{1}{2} \sin x + \frac{1}{4} \cos x + \frac{1}{4} \sin 2x + \frac{1}{4} \cos 2x + \frac{1}{4} \sin 4x + \frac{1}{4} \cos 4x + \dots$

جواب: $\frac{1}{2} \sin x + \frac{1}{4} \cos x + \frac{1}{4} \sin 2x + \frac{1}{4} \cos 2x + \frac{1}{4} \sin 4x + \frac{1}{4} \cos 4x + \dots$

19- $\frac{1}{2} \sin x + \frac{1}{4} \cos x + \frac{1}{4} \sin 2x + \frac{1}{4} \cos 2x + \frac{1}{4} \sin 4x + \frac{1}{4} \cos 4x + \dots$

جواب: $\frac{1}{2} \sin x + \frac{1}{4} \cos x + \frac{1}{4} \sin 2x + \frac{1}{4} \cos 2x + \frac{1}{4} \sin 4x + \frac{1}{4} \cos 4x + \dots$

20- $\frac{1}{2} \sin x + \frac{1}{4} \cos x + \frac{1}{4} \sin 2x + \frac{1}{4} \cos 2x + \frac{1}{4} \sin 4x + \frac{1}{4} \cos 4x + \dots$

جواب: $\frac{1}{2} \sin x + \frac{1}{4} \cos x + \frac{1}{4} \sin 2x + \frac{1}{4} \cos 2x + \frac{1}{4} \sin 4x + \frac{1}{4} \cos 4x + \dots$

(جواب)