Choose the best answer for each of the following questions. Each of the following strips is 6 seconds in length.

1. Identify the following rhythm

![ECG strip](image1)

a. Sinus bradycardia with 2\textsuperscript{nd} degree type I
b. Sinus bradycardia with 2\textsuperscript{nd} degree type II
c. Complete (third degree) AV block
d. Sinus bradycardia with 1\textsuperscript{st} degree block


![ECG strip](image2)

a. Atrial fibrillation
b. Supraventricular tachycardia
c. Atrial flutter
d. Sinus tachycardia

3. An 82-year-old woman with vomiting x 2 days.

![ECG strip](image3)

a) Atrial flutter
b) Sinus tachycardia at 115 bpm
c) Sinus tachycardia at 115 bpm with first degree block
d) Atrial fibrillation
4. An 85-year-old woman with an altered level of responsiveness. Blood pressure: 136/78, blood sugar is 96

a) Sinus tachycardia with a PVC and ventricular couplet
b) Sinus tachycardia with multifocal PVC’s
c) Sinus tachycardia with PVC’s and PAC’s
d) Atrial fibrillation with uniform PVC’s

5. An 86-year-old woman who experienced a cardiopulmonary arrest. The initial rhythm was asystole. The following rhythm resulted after IV administration of epinephrine and atropine.

a) Idioventricular rhythm
b) Junctional rhythm
c) Sinus bradycardia with 1st degree block
d) Sinus rhythm

6. Identify the following rhythm

a) Torsades de Pointes
b) Monomorphic ventricular tachycardia
c) Supraventricular tachycardia
d) Junctional tachycardia
7. Identify the following rhythm

![Image of ECG graph]

a) Second-degree AV block, type II
b) Sinus rhythm with PAC’s
c) Atrial fibrillation
d) Second-degree AV block, type I

8. Identify the following rhythm

![Image of ECG graph]

a) Sinus rhythm with ST-segment depression
b) Atrial flutter with ST-segment depression
c) Sinus rhythm with artifacts
d) Wandering atrial Pacemaker

9. An 83-year-old man complaining of chest pain. He had a new pacemaker implanted 5 days ago. His blood pressure is 148/60.

![Image of ECG graph]

a) Atrial fibrillation (controlled)
b) Sinus rhythm with artifacts
c) Sinus rhythm with 1st degree block
d) Atrial flutter
10. Identify the following rhythm

a) Atrial fibrillation
b) Sinus rhythm with PAC’s
c) Sinus rhythm with 2\textsuperscript{nd} degree type I
d) Sinus arrhythmia

11. Identify the following rhythm

a) PEA
b) Ventricular Fibrillation w/ventricular couplet
c) Agonal rhythm/asystole
d) Torsades de Pointes

12. Identify the following rhythm

a) Non-conducted PAC’s
b) Fine Ventricular Fibrillation
c) Asystole
d) Sinus bradycardia
13. Identify the following rhythm

a) Sinus rhythm with ST-segment elevation
b) Sinus rhythm with first degree block, ST elevation
c) Bradycardia with ST elevation
d) Junctional rhythm

14. An 83-year-old woman with syncope

a) Second-degree AV block, type I
b) Sinus bradycardia with PAC’s
c) Bradycardia with 2nd degree type II
d) Complete Heart Block

15. Identify the following rhythm

a) Sinus rhythm with first-degree block
b) Sinus rhythm with ST-segment depression
c) Sinus rhythm with second degree type II
d) Sinus rhythm with first degree block, ST segment depression
16. A 52-year-old man found unresponsive, apneic, and pulseless.

- Sinus rhythm at 88 bpm with wide QRS
- Accelerated idioventricular rhythm
- Pulseless Electrical Activity
- Ventricular tachycardia

17. Identify the following rhythm

- Sinus arrhythmia at 79 bpm
- Sinus rhythm with first degree block and PAC’s
- Atrial fibrillation
- Junctional rhythm with PACs

18. Identify the following rhythm

- Sinus bradycardia with ventricular bigeminy
- Sinus rhythm with LBBB
- Sinus rhythm with 2nd degree type II
- Atrial fibrillation
19. An 86-year-old woman complaining of chest pain that she rates a 4 out of 10, with a blood pressure of 142/72.

![ECG Image]

a) Sinus rhythm with first degree block  
b) PEA  
c) Sinus rhythm at 60 bpm  
d) Sinus bradycardia

20. A 76-year-old man complaining of indigestion.

![ECG Image]

a) Junctional bradycardia with ST-segment depression and inverted T waves  
b) Sinus bradycardia with inverted T waves  
c) Sinus bradycardia with 2nd degree type II  
d) Junctional bradycardia

21. A 61-year-old man with a history of heart failure

![ECG Image]

a) Sinus rhythm with first-degree block, wide QRS (bundle branch block), multiform PVCs, and ST-segment elevation  
b) Sinus rhythm with BBB and PVC’s  
c) Ventricular tachycardia  
d) Atrial fibrillation
22. A 74-year-old woman complaining of weakness

- a) Atrial fibrillation
- b) Sinus rhythm with ST elevation
- c) 100% ventricular paced rhythm
- d) Sinus rhythm with ST elevation and first degree block

23. A 67-year-old woman found unresponsive on the side of the road. Outdoor temperature is 112°F. Blood pressure: 233/110, RR 60/min.

- a) Sinus tachycardia at 136 bpm
- b) Atrial flutter
- c) Supraventricular tachycardia (SVT)
- d) Sinus tachycardia with ST segment depression


- a) Sinus bradycardia with second degree block, type II
- b) Sinus bradycardia at 56 bpm
- c) Atrial flutter
- d) Sinus bradycardia with first degree block
25. A 91-year-old woman complaining of chest pain and difficulty breathing.

   ![ECG Image]

   a) Atrial fibrillation with ST-segment elevation
   b) Sinus tachycardia with ST-segment elevation
   c) Sinus tachycardia with ST-segment elevation and 1\textsuperscript{st} degree block
   d) Accelerated junctional rhythm


   ![ECG Image]

   a) Atrial Flutter
   b) Ventricular tachycardia
   c) Narrow QRS tachycardia (SVT)
   d) Atrial fibrillation

27. A 59-year-old woman who complained of sudden weakness in her legs and fell to the floor in her kitchen.

   ![ECG Image]

   a) Second degree AV block Type II
   b) Sinus bradycardia with PVC’s
   c) Atrial fibrillation
   d) Atrial flutter
28. Identify the following rhythm

a) Accelerated junctional rhythm with ST-segment elevation
b) Sinus rhythm with ST-segment elevation
c) Sinus rhythm with first degree block and ST-segment elevation
d) Ventricular tachycardia

29. Identify the following rhythm.

a) Ventricular tachycardia
b) Artifact
c) Torasades de Pointes
d) Course ventricular fibrillation

30. A 53-year-old man with substernal chest pain, has a history of COPD and mitral valve regurgitation. Blood pressure 140/78.

a) Sinus arrhythmia
b) Sinus rhythm with first degree block and ST-segment depression
c) Normal sinus rhythm
d) Sinus rhythm with ST segment depression