

Question Paper

Exam Date & Time: 22-Nov-2021 (10:00 AM - 01:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

SECOND SEMESTER B.Sc. CARDIOVASCULAR TECHNOLOGY DEGREE EXAMINATION - NOVEMBER 2021
SUBJECT: CVT 1201 - ADVANCED ECG & HOLTER MONITORING
(2020 SCHEME)

Marks: 100

Duration: 180 mins.

Answer all the questions.

- 1) Explain the pitfalls of ECG interpretation in detail. (20)
- 2) Elaborate the differentiating ECG features between SVT with aberrancy and VT. (20)
- 3) Explain the mechanism and ECG in Brugada syndrome. (10)
- 4) Discuss ECG findings of anterior and posterior fascicular VT. (10)
- 5A) Write the indications for Ambulatory ECG monitoring. (5)
- 5B) Mention ECG features in Myocarditis. (5)
- 5C) Explain the ECG pattern in cardiac pacemaker rhythm. (5)
- 5D) Mention the ECG findings in Atrial flutter. (5)
- 5E) Explain the difference between orthodromic AVRT and AVNRT. (5)
- 5F) Write the ECG features in Junctional ectopic and ventricular ectopic. (5)
- 6A) What is complete compensatory pause? (2)
- 6B) Define Coarse Atrial fibrillation. (2)
- 6C) Write two examples for irregular narrow complex tachycardia. (2)
- 6D) Define trigeminy. (2)
- 6E) What is delayed after depolarization? (2)

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