

# Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.Sc. Cardiac Care Technology Degree Examination – OCT-2019

**Time: Three Hours**

**Max. Marks: 100 Marks**

## **ADVANCED CARDIAC CARE TECHNOLOGY – III (Revised Scheme)**

**Q.P. CODE: 2922**

Your answers should be specific to the questions asked. Draw neat, labeled diagrams wherever necessary

### **LONG ESSAYS (Answer any Two)**

**2 x 10 = 20 Marks**

1. Describe ECG features of following tachyarrhythmias a) Atrial fibrillation and flutter b) Atrial tachycardia c) SVT
2. Describe material used, procedure of Coronary Angioplasty. Describe a) CTO b) Bifurcation stenting.
3. Discuss about ECHO features of PDA. Write in detail about PDA device closure and its complications.

### **SHORT ESSAYS (Answer any Ten)**

**10 x 5 = 50 Marks**

4. IVC filter
5. Uses of 3D ECHO
6. OCT
7. Defibrillator
8. Isotopes used in MPI scan
9. Left axis deviation
10. Prevention of radiation hazards
11. Fetal ECHO
12. Strain imaging
13. Lower limb peripheral angioplasty
14. Pulmonary artery angiogram
15. Step up in RV-Oximetry

### **SHORT ANSWERS (Answer any Ten)**

**10 x 3 = 30 Marks**

16. ECG in sick sinus syndrome
17. La pressure tracing
18. Swan-Ganz catheter
19. ECG and ECHO in ARVD
20. Wilkin's score
21. NSVT
22. ECG in apical HCM
23. Mitral clip
24. Berman catheter
25. LBBB with MI
26. Tirofiban
27. Microcatheter

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