

D.M. Examination

Branch II : Cardiology (Applied Basic Sciences)

Paper-I

Date : 10-12-2018, Monday]

[Max. Marks : 100

[Time : 3 Hours

- Instructions :** (1) Answer to the point.
(2) Figure to the right indicates marks.
(3) Draw diagrams wherever necessary.
(4) Write legibly.

	Marks
1) Describe development of aortic arch anomalies and its clinical presentation.	20
2) Describe about the role of vascular endothelium in health and disease	20
3) Describe about types, diagnosis and management of channelopathies of heart.	20
4) Describe about vulnerable plaques, methods to assess it and its importance in clinical practice.	20
5) Describe about coronary blood flow, methods to measure it and its importance in clinical practice.	20

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1218E477

Candidate's Seat No : _____

D.M. Examination

Branch II : Cardiology (Speciality)

Paper-II

Date : 12-12-2018, Wednesday]

[Max. Marks : 100

[Time : 3 Hours

- Instructions :** (1) Answer to the point.
(2) Figure to the right indicates marks.
(3) Draw diagrams wherever necessary.
(4) Write legibly.

	Marks
1) Describe the management of refractory angina.	20
2) Describe about the evidence-based management of acute myocardial infarction with cardiogenic shock	20
3) Describe in detail about management of critical limb ischemia.	20
4) Describe the role of various risk scores in the evaluation and management of stable CAD.	20
5) Describe about complications and sequelae of Fontan operation.	20

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1218E484

Candidate's Seat No : _____

D.M. Examination

Branch II : Cardiology (Speciality)

Paper-III

Date : 14-12-2018, Friday]

[Max. Marks : 100

[Time : 3 Hours

- Instructions :
- (1) Answer to the point.
 - (2) Figure to the right indicates marks.
 - (3) Draw diagrams wherever necessary.
 - (4) Write legibly.

	Marks
1) Describe in detail about management of acute MI in a patient taking oral anticoagulant .	20
2) Describe about clinical and echo criteria for selecting a patient for CRT	20
3) Describe in detail about physiological predictors of ACS.	20
4) Describe in detail about various methods of AF ablation and their results.	20
5) Discuss briefly <ol style="list-style-type: none">a. Cardiorenal syndromeb. Anemia in heart failure	20

D.M. Examination
Branch II : Cardiology Paper-IV
(Modern Trends & Advances)

Date : 17-12-2018, Monday]

[Max. Marks : 100

[Time : 3 Hours

- Instructions :** (1) Answer to the point.
 (2) Figure to the right indicates marks.
 (3) Draw diagrams wherever necessary.
 (4) Write legibly.

	Marks
1) Describe about interventional and device-based management of hypertension.	20
2) Describe briefly about current status of a. Mitra clip b. transcatheter mitral valve replacement	20
3) Describe briefly about a. Intervention and Fusion Echocardiography b. Longitudinal Strain Echocardiography.	20
4) Describe in detail about LV assist devices used in and out of cardiac catheterization laboratory.	20
5) Describe briefly about a. implantable hemodynamic monitoring in heart failure b. Implantable and External Loop Recorder	20