

D.M. (SUPER SPECIALITY)
D.M. CARDIOLOGY :SUMMER- 2022
SUBJECT : PAPER – I : BASIC SCIENCES AND RELATED

Day : Thursday

Time : 01:00 PM-04:00 PM

Date : 1/9/2022

S-20294-2022

Max. Marks : 100

N.B.

- 1) All questions are **COMPULSORY**.
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Long questions (15 mark each)

- 1 Discuss heart failure with preserved ejection fraction.
- 2 Discuss the mechanics of myocardial contraction with reference to ultra-structure of myocyte.

Write notes on : (10 marks each)

- 1 Reverse cholesterol transport
- 2 Vulnerable plaque
- 3 Sarcoid heart disease
- 4 Primordial prevention of atherosclerotic heart disease
- 5 Ischemic cascade
- 6 Fetal circulation
- 7 Exercise physiology of cardiovascular system
