**Microbiology BVOCCT-202**

UNIT I

Valvular heart disease: Etiology, Acquired valvular heart disease, Rheumatic fever and rheumatic heart disease, Aortic stenosis, Aortic regurgitation, Mitral valve disease, Mitral stenosis, Mitral regulation, Tricuspid valve disease, Infective endocarditis, Valvuloplasty and valve surgery

UNIT II

Coronary artery disease: Pathophysiology and clinical recognition, Angina Pectoris, Symptomatic and asymptomatic myocardial ischemia, Types and locations of myocardial infarction, Thrombolytic therapy, Medical treatment, Percutaneous interventions, Surgical treatment, Cardiac rehabilitation

UNIT III

Systemic hypertension: Essential and seconodary hypertension

Heart failure: Surgical and medical treatment

UNIT IV

Myocardial diseases: Dilated cardiomyopathy, Hypertrophic cardiomyopathy, Myocarditis, Restrictive cardiomyopathy.