

جدول پیشنهادی برای تعیین بودجه بندی سوال های امتحان

موضوع / درس مورد امتحان : بیماریهای قلب و عروق

تاکسونومی ۳ :

تاکسونومی ۲ :

تاکسونومی ۱ :

تعداد کل سوال : ۱۵۰

نوع آزمون : ارتقاء دستیاری

تعداد تجمعی سوال	عنوان اصلی	زیر عنوان تخصصی	تعداد سوال	تاکسونومی ۱	تاکسونومی ۲	تاکسونومی ۳
	PART I: FUNDAMENTALS OF CARDIOVASCULAR DISEASE	1- Global Burden of Cardiovascular Disease	۳ جمعاً سؤال			
۱		2- Heart Disease in Varied Population				
۲		3- Ethics in Cardiovascular Medicine				
		4- Clinical Decision Making in Cardiology				
۴		5- Measurement and Improvement of Quality of care: Relevance to Cardiovascular Clinical Practice.				
		6- Critical Evaluation of Clinical Trials.				
	PART: II GENETICS AND PERSONALIZED MEDICINE	7- Personalized and Precision Cardiovascular Medicine	۳ جمعاً سؤال			
۶		8- Principles of Cardiovascular Genetics				
۷		9- Drug Therapeutics and Personalized Medicine				
۸		10- Biomarkers, Proteomics, Metabolomics and Personalized Medicine				
	PART: III EVALUATION OF THE PATIENTS	11- The History and Physical Examination: An Evidence- Based Approach	۳۰ جمعاً سؤال			
		12- Electrocardopgraphy				
۱۳		13- Exercise Testing				
۱۵		14- Echocardiography				
۱۶		15- The Chest Radiography in Cardiovascular Disease				
۱۷		16- Nuclear Cardiology				
۱۸		17- Cardiovascular Magnetic Resonance Imaging				
		18- Cardiac Computed Tomography				
		19- Cardiac Catheterization				
		20- Coronary Arteriography and Intracoronary Imaging				

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				21- Mechanisms of Cardiac Contraction and Relaxation	PARTIV: HEART FAILURE	
				22- Pathophysiology of Heart Failure		١
				23- Clinical Assessment of Heart Failure		٢
				24- Diagnosis and Management of Acute Heart Failure		
			جمعاً	25- Management of Patients with Heart failure with Reduce Ejection Fraction		٤
			١٣	26- Devices for Monitoring and Management Heart Failure		
			سؤال	27- Heart Failure with a Preserved Ejection Fraction		٦
				28- Surgical Management of Heart Failure		٧
				29- Mechanical Circulatory Support		٨
				30- Cardiovascular Regeneration and Gene Therapy		١٠
				31- Care of Patients with End-Stage Heart Disease		
				32- Genetics of Cardiac Arrhythmias	PART V: ARRHYTHMIAS, SUDDEN DEATH AND SYNCOPE	١٣
				33- Genesis of Cardiac Arrhythmias: Electrophysiologic Consideration		١٥
			جمعاً	34- Diagnosis of Cardiac Arrhythmias		١٦
			١٥	35- Therapy for Cardiac Arrhythmias		١٧
			سؤال	36- Pacemakers and Implantable Cardioverter-Defibrillator		١٨
				37- Specific Arrhythmias: Diagnosis and Treatment		
				38- Atrial Fibrillation: Clinical Features, Mechanisms, and Management		
				39- Cardiac Arrest and Sudden Cardiac Death		
				40- Hypotension and Syncope		

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١٢ جمعاً سؤال				41- The Vascular Biology of Atherosclerosis	PART VI: PREVENTIVE CARDIOLOGY	
				42- Risk Markers of Cardiovascular Disease		١
				43- Systemic Hypertension: Mechanisms and Diagnosis		٢
				44- Systemic Hypertension Management		
				45- Lipoprotein Disorders and Cardiovascular Disease		٤
				46- Nutrition and Cardiovascular and Metabolic Disease		
				47- Exercise- Based, Comprehensive Cardiac Rehabilitation		٦
				48- Integrative Approachs to the Managment of Patients with Heart Disease		٧
٣٤ جمعاً سؤال				49- Coronary Blood Flow and Myocardial Ischemia	PART VII: ATHEROSCLEROTIC CARDIOVASCULAR DISEASE	٨
				50- Approach to the Patients with Chest Pain		١٠
				51- ST- Elevation Myocardial Infarction: Pathology, Pathophysiology, and Clinical Features		
				52- ST-Elevation Myocardial Infarction Management		١٣
				53- Non-ST Elevation Acute Coronary Syndromes		١٥
				54- Stable Ischemic Heart Disease		١٦
				55- Percutaneous Coronary Intervention		١٧
				56- Transcatheter Therapies for Structural Heart Disease in Adults		١٨
				57- Disease of the Aorta		
				58- Peripheral Artery Dseases		
				59- Prevention and Management of Ischemic Stroke		
				60- Treatment of Noncoronary Obstructive Vascular Disease		
				61- Diabetes and the Cardiovascular System		

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				62- Congenital Heart Disease	PART VIII: DISEASE OF THE HEART, PERICARDIUM, AND PULMONARY VASCULATURE BED	
				63- Valvular Heart Disease		١
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				66- Hypertrophic Cardiomyopathy		٤
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				70- Cardiovascular Abnormalities in HIV-Infected Individuals		٨
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				74- Pulmonary Hypertension		١٣
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				80- Anesthesia and Noncardiac Surgery in Patients with Heart Disease		

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				82- Hemostasis, Thrombosis, Fibrinolysis, and Cardiovascular Disease		۱
				83- Rheumatic Fever		۲
				84- Rheumatic Disease and the Cardiovascular System		
				85- Tumors Affecting the Cardiovascular System		۴
				86- Psychiaatric Behavioral Aspects of Cardiovascular Disease		
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تخمین و پیش بینی تاکسونومی سوالات بر اساس استانداردها و بعداز طراحی معین خواهد شد.