No. of Printed Pages: 12

MCC-005

# POST GRADUATE DIPLOMA IN CLINICAL CARDIOLOGY (PGDCC)

#### **Term-End Examination**

### December, 2015

## MCC-005: COMMON CARDIOVASCULAR DISEASES-III

Time: 2 hours

Maximum Marks: 60

#### Note:

- (i) There will be multiple choice type of questions in this examination which are to be answered in **OMR Answer Sheet.**
- (ii) All questions are compulsory.
- (iii) Each question will have four options and only one of them is correct. Answers have to be marked in figures in the appropriate rectangular boxes corresponding to what is the correct answer and then blacken the circle for the same number in that column by using HB or lead pencil and not by ball pen in OMR Answer Sheet.
- (iv) If any candidate marks more than one option it will be taken as the wrong answer and no marks will be awarded for this.
- (v) Erase completely any error or unintended marks.
- (vi) There will be 90 questions in this paper and each question carries equal marks.
- (vii) There will be no negative marking for wrong answers.
- (viii) No candidate shall leave the examination hall at least for one hour after the commencement of the examination.

1.	Dire	ect Anastomosis of end of subclavia	n arte	ery to side of pulmonary artery is :
	(1)	Modified BT shunt	(2)	BT shunt
	(3)	Waterston shunt	(4)	Pott's shunt
2.	St. T	Thomas solution is :		
	(1)	20 mcq of potassium heated to 40	° C	
	(2)	20 mcq of potassium cooled to 40	° C	
	(3)	Cardioplegic solution		
	(4)	(2) and (3) are correct		
3.	False	e about IABP is :		
	(1)	Used in cardiogenic shock post m	-	
	(2)	Safe to use when patient has aort		ameter > 5 cm
	(3)	Also called diastolic augmentation		1.6. 1.1.
	(4)	Tip of balloon should be placed b	elow	left subclavian artery
4.		of the following surgery is not app		
	(1)	Classical BT shunt	(2)	Modified BT shunt
	(3)	Pott's shunt	(4)	Waterston shunt
5.		aflet valve is :		
	(1)	St. Jude valve	(2)	Starr Edwards
	(3)	TTK Chitra valve	(4)	Medtronic Hall valve
6.		procedure is :		
	(1)	Replacing autograft for aortic valv		
	(2)	Replacing autograft for mitral val		<u> </u>
	(3)	Replacing autograft for pulmonar		
	(4)	Replacing autograft for tricuspid	alve	and allograft for pulmonary valve
7.		ctive orifice area is lowest for :		
	(1)	Single leaflet disc valve	(2)	Bileaflet valve
	(3)	Starr Edward's valve	(4)	Native valve
8.		-coagulation for life is indicated in		
	(1)	Chitra valve in mitral position wit		
	(2)	Perimount valve in aortic position		•
	(3)	Chitra valve in aortic position wit		
	(4)	Perimount valve in mitral position	with	n atrial fibrillation
9.	Effec	tive orifice area of native aortic val	ve is :	:
	(1)	$1.5 - 2 \text{ cm}^2$ (2) $2 - 3 \text{ sq. cm}$		(3) 3 - 4 sq. cm (4) 4 - 5 sq. cm
		-		- ',' 1

10.	Ant	i-coagulation for biological valve	is indi	cated if patient has all except :						
	(1)	Very large left atrium	(2)	Severe LV dysfunction						
	(3)	Complete heart block	(4)	Hypercoagulable state						
11.	Cya	notic spells are common in the fo	ollowing	g age group :						
	(1)	2 months to 2 years	(2)	2 years to 4 years						
	(3)	4 to 6 years	(4)	6 to 8 years						
12.	Fals	e about stuck valve is :								
	(1)	Causes sudden hemodynamic	deterio	ration						
	(2)	Clinically diagnosed by increase	ed inte	nsity of prosthetic sounds						
	(3)	Diagnosis confirmed by echo ca	ardiogr	aphy						
	(4)	May need valve replacement								
13.	Mita	ral stenosis is considered as mild	when :							
	(1)	Valve area is $> 2 \text{ cm}^2$ with MPC	G > 10 1	nm of Hg						
	(2)	Valve area is 1 - 2 cm <sup>2</sup> with MPG 6 - 9 mmHg								
	(3)	Valve area is $< 1 \text{ cm}^2$ with MPG $< 5 \text{ mmHg}$								
	(4)	Valve area is > 2 cm <sup>2</sup> with MPC	G < 5 m	ımHg						
14.	Clas	ss I, indication for PBMV is:								
	(1)	Patient in NYHA Cl-III with se	vere M	S with Pulmonary hypertension						
	(2)	Patient in NYHA Cl-III with sev	vere M	S with minimal MR and no LA thrombus						
	(3)	Patient in NYHA Cl-III with sev	vere M	S with Moderate MR and new onset AF						
	(4)	Patient in NYHA CI-III with se	vere ca	lcific MS						
15.	MV.	R is indicated in :		•						
	(1)	$\cdot$								
	(2)	<b>,</b>								
	(3)	Pt with severe MS in NYHA Cl-I non-pliable calcified valve in absence of LA thrombus in NYHA Cl-I								
	(4)	(1) and (2) are correct								
16.	Cau	ses of acute mitral regurgitation i	include	all except :						
	(1)	Chordal rupture	(2)	Infective endocarditis						
	(3)	Acute myocardial infarction	(4)	Degeneration						
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<b>17.</b>	Mitral Valve Replacement is not indicated in :	
	(1) Symptomatic severe MR with normal LV Function and end systolic dimension ( $LV < 45 \text{ mm}$	of
	(2) Asymptomatic severe MR with LV dysfunction	
	(3) Asymptomatic severe MR with normal LV function	
	(4) Acute severe MR post myocardial infarction	
18.	Williams syndrome is not associated with:	
	(1) Sub valvular aortic stenosis	
	(2) Supra valvular aortic stenosis	
	(3) Elfin facies	
	(4) Hypercalaemia	
19.	Heart murmur in ASD is done to all except:	
	(1) Increased flow through pulmonary valve	
	(2) Increased flow through tricuspid valve	
	(3) Gradient at atrial level	
	(4) Ejection systolic murmur at pulmonary area	
20.	All of the following are left to right shunts except:	
	(1) ASD (2) VSD	
	(3) Eisenmenger's Syndrome (4) PDA	
21.	Cl - I indications for AVR include all except :	
	(1) Asymptomatic severe AR with 50% EF and dilated LV	
	(2) Asymptomatic severe AR with 30% EF	
	(3) Symptomatic severe AR with 50% EF and dilated LV	
	(4) Symptomatic moderate AR with 60% stenosis of LMCA	
22.	Tricuspid stenosis is considered as moderate when the gradient across the valve is:	
	(1) $< 1 \text{ mm}$ (2) $1 - 3 \text{ mm}$ (3) $3 - 5 \text{ mm}$ (4) $> 5 \text{ mm}$	
23.	Angiographic qualification of grade 2 tricuspid regurgitation shows:	
	(1) Partial right atrium	
	(2) Opacification of right atrium and venacava	
	(3) Minimal systolic jet, clears rapidly	
	(4) Opacification of whole of RA	
24.	True about functional TR is :	
	(1) Associated with normal annular circumference	
	(2) Associated with significant mitral disease	
	(3) Leaflets have anatomical abnormality	
	(4) Associated sometimes with tricuspid stenosis	
	1	

25.	1 7										
	(1) Valve area > 1.5 cm <sup>2</sup> , peak pressure gradient > 25 mmHg										
	(2) Valve area $> 1$ cm <sup>2</sup> , peak pressure gradient $> 50$ mmHg										
	(3)										
	(4)	Valve area < 0.5 cm², peak pressure gradient > 80 mmHg									
26.	Con	nmonest location of ventricular aneurysm :									
	(1)	Antero lateral (2) Inferior (3) Postero lateral (4) Lateral									
27.	Λ11 -	are indications for surgery in aortic aneurysm except :									
47.		When diameter of ascending aorta > 5.5 mm									
	(1)										
	(2)	When diameter of descending aorta > 6 mm									
	(3)	When diameter of aorta < 4 cm in Marfan's syndrome									
	(4)	Aortic valve replacement in bicuspid aortic valve when diameter of aorta is > 4 cm									
28.	Bent	tal procedure is the surgery done for :									
	(1)	Ventricular aneurysm (2) Abdominal aorta aneurysm									
	(3)	Aortic Arch aneurysm (4) Ascending aortic aneurysm									
29.	In cl	lassification of acute aortic dissection debakey II includes :									
	(1)	Ascending aorta extending to arch									
	(2)	Descending aorta extending to abdominal aorta									
	(3)	Descending aorta retrograde into arch									
	(4)	Ascending aorta confined to ascending aorta									
30.	All a	are class I indications for surgery in native valve endocarditis except :									
	(1)	Evidence of valve dysfunction and persistent infection after 7 - 10 days of appropriate									
	anti-biotic treatment										
	(2)	(2) Acute AR with tachycardia and early closure of mitral valve									
	(3)	3) Infection with gram – ve organism with evidence of valve dysfunction									
	(4)	Heart failure unresponsive to medical treatment due to MR									
31.	Mos	t common organism for early prosthetic valve endocarditis is :									
	(1)	Staphylococcus epidermidis (2) Staphylococcus anerus									
	(3)	Gram negative bacilli (4) Candida									
32.	Eme	ergency surgery for prosthetic valve endocarditis is indicated when patient has :									
	(1)	Unstable prosthesis									
	(2)	Acute aortic regurgitation with mitral valve preclosure									
	(3)	Aortic regurgitation with heart failure									
	(4)	Valvo obstruction									

<i>33</i> .		•	ge or	patients wi	itn iai	ge v	seen at one	monui	of age may clos	е
	spon	taneously.								
	(1)	100%	(2)	80%		(3)	60%	(4)	25%	
	` ,		` ,			` '		` '		
34.	VSD	is considered as	mode	rate when :						
<b>01.</b>	(1)	It is > 5 cm in di			(2)	50%	of diameter of	aorta		
					, ,					
	(3)	< 1/3rd of diam	ieter (	or aorta	(4)	Equa	al to diameter of	аогта		
<b>35.</b>	Whi	ch one of the follo	wing	is not an ol	bstruc	tive le	esion?			
	(1)	Aortic Stenosis			(2)	Mitr	al Regurgitatior	1		
	(3)	Pulmonary Sten	osis		<b>(4)</b>	Coar	ctation of Aorta	a		
<b>36.</b>	Whic	ch is not a feature	of pi	nk TOF ?						
	(1)	Mild PS	1							
	(2)	Small VSD								
			منامسم		DA as	d DT	7			
	(3)	Large pressure g	_		r <sub>A</sub> a	na Kv	,			
	(4)	Large unrestrict	ive v	5D						
<b>37.</b>		re features of TO		•						
	(1)	Cyanosis	(2)	Single S2		(3)	Cardiomegaly	(4)	Soft P2	
38.	Whi	ch of the followi	ing is	not a feat	ure o	f Pul	monary Atresia	with	intact ventricula	r
	septi	ım ?								
	(1)	PDA			(2)	RV 1	nypoplasia			
	(3)	RV hypertrophy	,		(4)	LVH	in ECG			
	,	7			` ,					
39.	All a	re the features of	corre	cted transp	osition	n of g	reat arteries exce	ept:		
	(1)	Atrio Ventricula		-		_		-	<b>n</b> ce	
	(3)	Ventriculo Atria			(4)	Atrio Ventricular Discordance VSD				
	(3)	veninculo Alla	ii uisc	ordance	(4)	VSD				
40	A 11	f the fallowing as	. ندنانا	1		1 الم		1		
40.		f the following co	maiu	ons nave de		-	-	iow exc	cept :	
	(1)	TOF			(2)		ein's anomaly			
	(3)	Eisenmenger syr	ndron	ne	(4)	Uno	bstructed TAPV	C		
41.	Follo	wing ASD defect	closu	re with dev	rice up	oto ho	w long aspirin t	therapy	to be continued :	:
	(1)	1 month	(2)	3 months		(3)	6 months	(4)	9 months	
42.	All o	f the following di	rugs c	lecrease sin	us dis	charg	e rate except :			
	(1)	Verapamil	(2)	Amiodaro		(3)	Quinidine	(4)	Propranolol	
	(-)	verapanin	(-)	7 mmoduro	110	(0)	Quindric	(4)	Tropianolor	
12	Тоже	doe de naintes h	20 211	the features	Dovoc	nt .				
43.		ades de pointes h		me reatures	•	•	1 . 777			
	(1)	Polymorphic VT			(2)		omorphic VT		_	
	(3)	QT Prolongation	1		<b>(4)</b>	Class	s IA and Class I	ll drug	s cause Torsades	

44.	44. All of the following drugs can cause bradyarrhythmia except:										
	(1)	Beta blockers		(2)	Calc	ium channel blo	ockers				
	(3)	Class III drugs		(4)	Mex	iletin <b>e</b>					
<b>45</b> .	Tors	ades de pointes is	caus	ed by all drugs e	xcept :						
	(1)	Quinidine	(2)	Propafenone	(3)	Procainamide	(4)	Amlodipine			
46.	Whi	ch is the common	est co	ongenital heart di	sease	in India ?					
	(1)	Aorto pulmonar	y wii	ndow (2)	Atri	al septal defect					
	(3)	Patent ductus ar	terio	sus (4)	Ven	tricular septal d	efect				
47.	Which of the following statements is false regarding co-arctation of aorta?										
	(1)			s more common				* •			
	(2)	Narrowing of ac	rta ty	pically located n	ear ao	rtic attachment	of ligar	mentum arteriosum			
	(3)	Ejection systolic	muri	nur is located ne	ar the	left inter scapul	ar regi	on			
	(4)	Continuous mus	mur	is heard due to c	ollate	als					
48.	Whi	ch of the followin	g is n	ot a component o	of Teti	alogy of Fallots	?				
	(1)	Left ventricular				· ,		•			
	(2)										
	(3) Large VSD										
	(4)	Right ventricula	r hyp	ertrophy							
49.	Diffe	erential cyanosis i	s seer	n in which of the	follov	ving conditions	?				
	(1)	Aorto pulmonar	y wi	ndow							
	(2)	Coarctation of a	orta	with aortic steno	sis	•					
	(3)	Right to left shu	nt w	ith patent ductus	arteri	osus					
	(4)	(4) Tetralogy of Fallots									
50.	Whi	ich of the followin	g find	lings is not seen :	in a ch	ild with a large	ventri	cular septal defect ?			
	(1)	Mid diastolic m	urmu	r at apex							
	(2)	Pan systolic mu	rmur	at 3 <sup>rd</sup> left interco	stal s	pace					
	(3)	Ejection systolic	mur	mur at apex							
	(4)	Wide split of S2									
51.	Con	itinuous murmur	is hea	ard in all the follo	wing	conditions exce <sub>j</sub>	ot one	<b>:</b>			
	(1)	Aorto pulmona:	ry wi	ndow							
	(2)	Tetralogy of Fal	lots								
	(3)	Coarctation of a	orta	with collaterals							
	(4)	Patent ductus a	rterio	sus							

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52.	Sup	ra valvular aortic stenosis is usuall	y seei	n in which of the following conditions?						
	(1)	Downs syndrome	(2)	Turners syndrome						
	(3)	Williams syndrome	(4)	Holt - Oram syndrome						
53.		ventricular failure in neonatal p genital heart disease ?	eriod	is commonly seen in which of the following						
	(1)	Severe mitral stenosis		(2) Severe aortic stenosis						
	(3)	Ebstein's anomaly		(4) Atrial septal defect						
54.	Whi	ch of the following statements is fa	alse ir	n patent ductus arteriosus ?						
	(1)	Anatomical closure of ductus occ	urs v	vithin 12 - 24 hours						
	(2)	Incidence 5 - 10 percent of all con	ngeni	tal heart diseases						
	(3)	Blood will shunt from left to righ	t into	PA						
	(4)	The flow in the PDA occurs thro	The flow in the PDA occurs throughout cardiac cycle							
55.	In which of the conditions, Duct dependent pulmonary blood flow is not seen?									
	(1)	Ebsteins anomaly	(2)	Pulmonary atresia						
	(3)	Critical Pulmonary stenosis	(4)	Critical coarctation of aorta						
56.	Freq	uent respiratory tract infections are	e seer	n in all the conditions except one :						
	(1)	Coarctation of aorta	(2)	Atrial septal defect						
	(3)	Patent ductus arteriosus	(4)	Ventricular septal defect						
57.	Wha	t is the incidence of atrial septal de	efect (	?						
	(1)									
	(2)	1 - 2 percent of congenital heart of	liseas	es						
	(3)	10 - 15 percent of congenital hear	t dise	eases						
	(4) 15 - 20 percent of congenital heart diseases									
58.	3 weeks old baby was brought to critical care unit with tachypnea and difficulty in feeding. Baby was found to have Heart failure. Which of the following conditions this baby likely has?									
	(1)	Atrial septal defect	(2)	Critical aortic stenosis						
	(3)	Ebsteins anomaly	(4)	Muscular ventricular septal defect						
59.	has 4	ears old girl was evaluated for diz 4/6 ejection systolic murmur at left y possibility she has?	ziness uppe	s for the last few months. On auscultation she er border and inconstant ejection click. What is						
	(1)	Supra valvular aortic stenosis	(2)	Valvular pulmonic stenosis						
	(3)	Ebstein's anomaly	(4)	Coarctation of aorta						

60.	52 years female was evaluated for her shortness of breath since few months. On auscultation her S1 was normal and Wide fixed Second heart sound (S2) is heard. Ejection systolic murmur at pulmonary area heard. Which of the following conditions this female has ?									
	(1)	Ventricular septal defect	(2)	Small patent ductus arteriosus						
	(3)	Large atrial septal defect	(4)	Pulmonary valve stenosis						
61.		tinuous murmur in the left upper litions?	stern	al area is not heard in which of the following						
	(1)	Rupture of sinus valsalva	(2)	Coronary AV fistula						
	(3)	Coarctation of aorta	(4)	Small patent ductus arteriosus						
62.	feeb	ly felt. She was found to have coar a is indicated when the gradient is	rctatio :	pains on walking and lower limb pulses were on of aorta. Balloon dilatation of Coarctation of (3) > 30 mmHg (4) > 15 mmHg						
	(-)									
63.	told	ears female, has been referred to a to have a congenital heart disease ctive endocarditis prophylaxis?	cardio e. Wł	ologist clearance for dental procedure. She was nich of the following conditions does not need						
	(1)	Small ventricular septal defect								
	(2)	Small atrial septal defect								
	(3)	Patent ductus artriosus								
	(4)	Coarctation of aorta								
64.	Whi	ich is the most common congenital	heart	disease seen in adults ?						
	(1)	Small patent ductus arteriosus	(2)	Ventricular septal defect						
	(3)	Bicuspid aortic valve	(4)	Atrial septal defect						
65.	Eise	nmenger syndrome is seen in all th	ne foll	owing congenital heart diseases, except one :						
	(1)	Large ventricular septal defect	(2)	Large patent ductus arteriosus						
	(3)	Aorto pulmonary window	(4)	Severe pulmonary valve stenosis						
66.	Fon	tan operation is indicated in which	of th	e following congenital heart disease ?						
	(1)	Transposition of great arteries	(2)	Single ventricle						
	(3)	Aorto pulmonary window	(4)	Peripheral pulmonary artery stenosis						
67.	Ball (1)	oon dialatation in valvular pulmor 20 mmHg (2) 40 mmHg	_	tenosis is indicated when the gradient is: (3) 80 mmHg (4) 50 mmHg						

68.	All of the following conditions are associated with reduced pulmonary blood flow except one:  (1) Single ventricle with pulmonic stenosis  (2) Tetralogy of Fallots  (3) Double outlet right ventricle with pulmonary stenosis  (4) Pulmonary AV fistula							
69.	<ul> <li>I.V. Prostaglandin is given in which of the following conditions?</li> <li>(1) Pulmonary atresia with PDA (2) Coronary AV fistula</li> <li>(3) Pulmonary AV fistula (4) Critical aortic stenosis</li> </ul>							
70.	Cyanotic spells are seen in all the following conditions except one:  (1) Tricuspid atresia with pulmonary stenosis  (2) Tetralogy of Fallots  (3) DORV with VSD & PS  (4) Rupture of sinus valsalva							
71.	<ul> <li>Which of the following statements is false in atrial septal defect?</li> <li>(1) Primum Type of ASD usually close after 2 years</li> <li>(2) Fossa ovalis ASDs less than 8 mm size usually close</li> <li>(3) Sinus venosus ASDs do not close</li> <li>(4) The heart murmur in large ASDs originates from pulmonary artery</li> </ul>							
72.	All of the following statements regarding ventricular septal defect are correct except one:  (1) Most Muscular VSDs will close spontaneously  (2) Perimembranous VSDs can close spontaneously  (3) Outlet VSDs can close by prolapse of aortic valve  (4) Inlet VSDs always close spontaneously							
73.	Which of the following medications is indicated in the management of Cyanotic spells?  (1) Diltiazem (2) Esmolol (3) Nifedipine (4) Alpamethyldopa							
74.	Which is the common mechanism of Cyanotic spells in Tetralogy of Fallots?  (1) Left to right shunt (2) Increased systemic vascular resistance (3) Infundibular spasm (4) Increased pulmonary artery pressure							
75.	In Downs syndrome which of the following chromosomal abnormality is seen ? (1) Trisomy 18 (2) Trisomy 21 (3) Trisomy 24 (4) Trisomy 26							
76.	Sotolol is indicated in all the following conditions except one:  (1) Atrial fibrillation (2) Atrial flutter (3) AV node re-entry (4) Mobitz type 1 block							

	77. Bretylium tosylate is indicated in which of the following conditions?										
	(1) Out of hospital ventricular fibrillation										
	(2)	) Atrial flutter									
	(3)	3) Mobitz type II block									
	(4)	Junctional rythm									
78.	. 18 years old girl was brought to emergency with h/o sweating and palpitations sir 30 minutes. Her ECG showed narrow QRS complex with 200 heart rate. Which one of to following drugs is the first choice for her?										
	(1)	Lignocaine (2) Pheny	<b>to</b> in	(3) Beryllium	(4)	Adenosine					
79.	Whi	ch of the following valve has t	he maxim		rea at a	ortic area ?					
	(1)	Starr - Edward valve	(2)	St. Jude valve							
	(3)	Omnicarbon valve	(4)	Homograft valve							
80.	Puln	nonary artery banding is indic	ated in w	hich of the following	conditio	ons?					
	(1)										
	(2)	·									
	(3)	) Multiple muscular ventricular septal defects									
	(4)	Large PDA									
	\ /	Large 1211									
81.	46 ye aorti	ears old male, known case of hic regurgitation got admitted in aortic annular abscess. Which tion at aortic position?	critical ca	re unit and found to l	nave inf	ective endocarditis					
81.	46 ye aorti	ears old male, known case of lic regurgitation got admitted in a aortic annular abscess. Which	critical ca	re unit and found to l	nave inf	ective endocarditis					
81.	46 ye aorti with func	ears old male, known case of bic regurgitation got admitted in aortic annular abscess. Which tion at aortic position?	critical cach of the	re unit and found to left following valve has t	nave inf he long	ective endocarditis					
81. 82.	46 yea orti with function (1)	ears old male, known case of kic regurgitation got admitted in a aortic annular abscess. Which tion at aortic position?  Perimount valve	ch of the :  (2)  (4)	re unit and found to be following valve has to Homograft valve Medtronic Hancock	nave inf he long	ective endocarditis					
	46 yea orti with function (1)	ears old male, known case of lace regurgitation got admitted in a aortic annular abscess. Which tion at aortic position?  Perimount valve  Carpentier Edward valve	ch of the :  (2)  (4)  of the follo	re unit and found to be following valve has to Homograft valve Medtronic Hancock	nave inf he long	ective endocarditis					
	46 ye aorti with func (1) (3)	ears old male, known case of hic regurgitation got admitted in a aortic annular abscess. Which tion at aortic position?  Perimount valve  Carpentier Edward valve  eri repair is advised in which of Rheumatic mitral regurgitatic Ebstein's anomaly	ch of the :  (2)  (4)  of the folloon	following valve has the Homograft valve Medtronic Hancock wing conditions?	nave inf he long	ective endocarditis					
	46 yea aorti with func (1) (3)  Alfie (1)	ears old male, known case of he regurgitation got admitted in a aortic annular abscess. Which tion at aortic position?  Perimount valve  Carpentier Edward valve  eri repair is advised in which of Rheumatic mitral regurgitatic Ebstein's anomaly  Mitral regurgitation due to Merical regurgitation due to Meri	ch of the :  (2) (4)  of the folloon	following valve has the Homograft valve Medtronic Hancock wing conditions?	nave inf he long	ective endocarditis					
	46 ye aorti with func (1) (3)  Alfie (1) (2)	ears old male, known case of hic regurgitation got admitted in a aortic annular abscess. Which tion at aortic position?  Perimount valve  Carpentier Edward valve  eri repair is advised in which of Rheumatic mitral regurgitatic Ebstein's anomaly	ch of the :  (2) (4)  of the folloon	following valve has the Homograft valve Medtronic Hancock wing conditions?	nave inf he long	ective endocarditis					
	46 yea aorti with func (1) (3)  Alfie (1) (2) (3) (4)	ears old male, known case of he regurgitation got admitted in a aortic annular abscess. Which tion at aortic position?  Perimount valve  Carpentier Edward valve  eri repair is advised in which of Rheumatic mitral regurgitatic Ebstein's anomaly  Mitral regurgitation due to Merical regurgitation due to Meri	ch of the :  (2) (4)  of the folloon  Mitral valv	re unit and found to be following valve has to Homograft valve Medtronic Hancock owing conditions?	nave inf	ective endocarditis					
82.	46 yea aorti with func (1) (3)  Alfie (1) (2) (3) (4)	ears old male, known case of hic regurgitation got admitted in a aortic annular abscess. Which tion at aortic position?  Perimount valve  Carpentier Edward valve  eri repair is advised in which of Rheumatic mitral regurgitation Ebstein's anomaly  Mitral regurgitation due to March Ischemic mitral regurgitation	critical cach of the :  (2) (4)  of the folloon  fitral valv  ich of the	re unit and found to be following valve has to Homograft valve Medtronic Hancock owing conditions?	nave inf	ective endocarditis					
82.	46 ye aorti with func (1) (3)  Alfie (1) (2) (3) (4)	ears old male, known case of lace regurgitation got admitted in a aortic annular abscess. Which tion at aortic position?  Perimount valve Carpentier Edward valve  eri repair is advised in which of Rheumatic mitral regurgitation Ebstein's anomaly  Mitral regurgitation due to Marchemic mitral regurg	critical cach of the :  (2) (4)  of the folloon  fitral valv  ich of the	re unit and found to be following valve has to Homograft valve Medtronic Hancock owing conditions?	nave inf	ective endocarditis					
82.	46 yea aorti with func (1) (3)  Alfie (1) (2) (3) (4)  Ross (1)	ears old male, known case of hic regurgitation got admitted in a aortic annular abscess. Which tion at aortic position?  Perimount valve  Carpentier Edward valve  eri repair is advised in which of Rheumatic mitral regurgitation Ebstein's anomaly  Mitral regurgitation due to Machine Ischemic mitral regurgitation operation is indicated for who severe pulmonary artery sterices.	critical cach of the :  (2) (4)  of the folloon  fitral valv  ich of the	following valve has the Homograft valve Medtronic Hancock wing conditions?  The prolapse following conditions	nave inf	ective endocarditis					

84.	1 year 6 months old child was evaluated at cardiology outpatient department for bluish discolouration of body. He was found to have cyanotic congenital heart disease and cardiologist advised operation which is called "Mustard". Which of the following conditions the child has?										
	(1)	Transposition o	f grea	t vess <b>e</b> ls	(2)	Tric	uspid atresia				
	(3)	Pulmonary atre	_		(4)		ein's anomaly				
85.	ches		ting.	His ECG s	howe	d ST	elevation in V1	- V6 l	sive care unit with eads and frequent		
	(1)	Lignocaine	(2)	Verapami	l	(3)	Diltiazem	(4)	Quinidine		
86.	Which of the following is not true for Tarsades de pointes?										
	(1)	Caused by QT s	horte	ning							
	(2)	Can be caused b	y clas	ss I A drugs							
	(3)	Can be caused b	y clas	s III drugs							
	(4)	Is a polymorph	ic ven	tricular tach	nycard	lia					
87.	Wolff - Parkinson - White syndrome is characterised by which of the following?										
	(1)	Long PR with d	elta w	ave	(2)	Shor	t PR with delta	wave			
	(3)	Short PR with r	arrov	v QRS	(4)	Long	g PR with alpha	wave			
88.	and		has c	lass II dysp	nea, s	he is	on tab.digoxin,		rate mitral stenosis and oral pencillins.		
	(1)	Verapamil	(2)	Metoprolo	l	(3)	Amiodarone	(4)	Lignocaine		
89.	toes		ing.	He had sim	ilar ep	oisode	s prior to this a	nd he	ongue, fingers and was found to have spells?		
	(1)	Atenolol	(2)	Esmolol		(3)	Carvedilol	(4)	Labetolol		
90.	with		ince 2	weeks. He	was	found	l to have LBBB	and 3 <sup>r</sup>	ction got admitted d degree complete		
	(1)	VVI	(2)	AAI - R		(3)	DDD - R	(4)	VDD		
				-							