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SARDAR PATEL UNIVERSITY	Candidate Seat No:	
FINAL YEAR B.P.T. EXAMINATION	Candidate Signature:	
Monday, 06 th January 2014	Supervisor Signature:	
Time: 10.30 AM to 1.30 PM		
Subject: Physiotherapy in Cardiopulmonary Conditions	Total Marks: 80	
SECTION I (MCQ's)	20 marks	
Instructions:		
1. Encircle the most appropriate answer		
2. No negative marking		
3. Each question carry one mark		
1.Tetrology of fallot includes		
a) VSD, ASD, PS and RVS c) VSD, PS, RVH, Overriding of aorta	b) VSD, PS, LVH, Coarctation of aorta d) PS, AS and Biventricular hypertrophy	
2. In ECG Atrial Depolarization is represented by:a) P waveb) QRS complexc) Q	wave d) ST segment	
· · · · · · · · · · · · · · · · · · ·	n as weaning mode SIMV CPAP	
a) HR x SBP b) SV x SBP	c) HR x SV d) SV x DBP	
5. What can be the cause for pedal edema?a) Hypoproteinemiac) Both of above	b) Rt heart failure d) None of above	
6. One of the major determinant of prognosis for	or the patient with CAD is	
a) Degree of left ventricular dysfunctionc) Gender of the patient		
7. Cherry red facial colour indicates the possibility of:a) Severe distressc)Carbon monoxide poisoning	b) Severe arterial O2 desaturation d) Severe dyspnea	
 8. In case of unilateral Phrenic nerve palsy, with diaphragm is: a) Pulled up in the thorax c) Pulled up in the abdomen 	deep inspiration the paralyzed half of the b) Pushed down in the thorax d) Pushed down in the abdomen	

9. Hyperinflation of lung in COPD characterized by:

a) Narrowing of rib angle

c) Blunting of costophrenic angle

b) Flattening of diaphragm

d) Shifting of trachea to one side

10. Absolute contraindication to exercise testing is:

- a) Resting SBP > 200 mm Hg
- b) Resting DBP > 120 mm Hg
- c) Moderately severe valvular heart disease
- d) Recent complicated myocardial infarction

11.A 50 years old male patient with coronary artery disease having Resting heart rate 60 bpm, advised by physiotherapist to undergo exercise program at 60% Heart rate reserve. His target heart rate would be:

- a) 104 b) 126 c) 155 d) 162
- 12. The rate pressure product is linearly correlated with
 - a) Pacing of the heart
 - c) Cardiac diastole

b) Myocardial O₂ demand d) None of the above

13. The purpose of inspiratory hold with incentive spirometer is to

- a) Prevent early closure of alveoli
- c) Increase FRC

- b) Increase intrathoracic pressured) Increase collateral ventilation
- 14. The potential outcome of pursed lip breathing is
- a) An increase in arterial CO2 tension

b) An increase in arterial O2 tension

c) An increase in respiratory rate

d) An increase in minute ventilation

15. The lung compliance increases in

a) Asthma	b)Emphysema	c)Bronchiectasis	d)Lung collapse
16. Identify the	e position in which the a	arterial oxygen tension increases in b	ilateral lung disease
a) Prone	1	b) Supine	.
c) Lateral		d) Semi reclined	
-,			
		rulent sputum is predominantly sugg	estive of
a) Broncho pne		b) Bronchitis	
c) Bronchiecta	sis	d) Neoplastic lung disease	
18.The maximiting the second sec	.	can expelled from the lungs after a m	aximal
a) Total lung ca		b) Expiratory residual capacity	and the second second second
c) Vital capacit	1 0	d) Tidal volume	
19. Mediastina	l shift to the contra late	ral side is associated with:	
a) Atelectasis		b) Pleural effusion	
c) Lobectomy		d) Pneumonectomy	

20. The chest wall with depressed sternum is referred to as:

a) Pigeon chest b) Pectus excavatum

c) Harrison sulcus

d) Pectus carinatum