

A to B **HELD ON 08/07/2015**

- Norma
8-7-2015

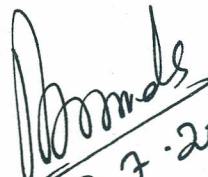
WRITTEN TEST FOR MFCP OF TECHNICAL ASSISTANT (CARDIOLOGY)

HELD ON 08/07/2015

12. ST elevation in leads II, III, aVF, V5, V6 with ST depression in V2 is suggestive of
 - A. AW STEMI
 - B. PW STEMI
 - C. IW STEMI
 - D. IPLW STEMI
13. Which of the following statements is FALSE?
 - A. Precordial lead V4 is located at left midclavicular line in the 5th intercostal space
 - B. Precordial leads are bipolar leads
 - C. Negative input for precordial leads is Wilson central terminal
 - D. Augmented limb leads are unipolar leads
14. Which of the following statements is FALSE?
 - A. Atrial fibrillation is associated with varying R R interval
 - B. Atrial flutter is associated with saw toothed flutter waves
 - C. In complete heart block there is no AV dissociation
 - D. Polymorphic VT may be associated with prolonged QT interval
15. Maximum predicted heart rate is given by
 - A. 220 - age in years
 - B. 242 - age in years
 - C. 210 - age in years
 - D. 231 - age in years
16. Which is not an absolute contraindication for exercise testing?
 - A. High risk unstable angina
 - B. Uncontrolled hypertension
 - C. Aortic stenosis
 - D. Acute pericarditis
17. Incidence of pneumothorax is least with which venous access during permanent pacemaker implantation?
 - A. Subclavian vein
 - B. Axillary vein
 - C. Cephalic vein
 - D. None
18. In the EP lab initiation of a regular narrow QRS tachycardia following an atrial extra with AH jump is suggestive of
 - A. AVNRT
 - B. AVRT
 - C. AT
 - D. VT
19. Normal HV interval is
 - A. Less than 35 ms
 - B. Less than 20 ms
 - C. 35 to 55 ms
 - D. 20 to 35 ms
20. Delta wave in ECG is associated with
 - A. Hypothermia
 - B. Hyperkalemia
 - C. Preexcitation
 - D. ARVD
21. Automated Intracardiac defibrillator is implanted for
 - A. Complete heart block
 - B. SVT
 - C. Ventricular tachycardia
 - D. Atrial fibrillation

WRITTEN TEST FOR MFCP OF TECHNICAL ASSISTANT (CARDIOLOGY)
HELD ON 08/07/2015

22. Virtual Histology is helpful to
A. Measure the dimensions of the vessel B. Histology of the vessel.
C. Flow in the vessel D. Velocity of the blood.
23. Minimum R wave amplitude necessary for Sensing at VVI pacemaker implantation is
A. > 4 mV
B. < 1.0 mV
C. >1.5 mV
D. > 3.0 V
24. Acceptable Atrial lead impedance during AAI pacemaker implantation
A. 1600 ohms B. 800 ohms
C. 200 ohms D. 5000 ohms
25. The commonest venous access for Permanent Pacemaker lead implantation at SCTIMST is
A. Axillary vein B. Innominate vein
B. Femoral vein D. Internal jugular vein
26. The Indication for Permanent Pacemaker Implantation:
A. 1st degree AV block B. 2nd degree AV Wenkebach block
C. Complete heart block D. Trifascicular block
27. Balloon Atrial Septostomy procedure is done for:
A. Transposition of Great Arteries B. Tetralogy of Fallot
C. VSD D. Single Ventricle.
28. The Artery used for vascular access in PDA stenting of Neonates:
A. Axillary Artery B. Radial Artery.
C. Femoral Artery D. Brachial Artery
29. The True statement regarding Xcience Stent is
A. Sirolimus stent on a cobalt –chromium platform
B. Everolimus stent on a stable polymer platform
C. Sirolimus stent on a non compliant balloon platform
D. Everolimus stent on a 316 Steel platform
30. Which of the following is a Thrombus aspiration catheter?
A. Export catheter B. Balloon catheter
C. Micro catheter D. Tornus .
31. The standard pressure of Stent Deployment during PCI
A. 12 Atm B. 6 Atm
B. 20 Atm D. Any of the above.


8-7-2015

WRITTEN TEST FOR MFCP OF TECHNICAL ASSISTANT (CARDIOLOGY)
HELD ON 08/07/2015

32. The drug to be kept ready during Primary PCI anticipating No Reflow:
A. Nitroglycerine B. Adenosine
C. Nitroprusside D. Any of the above.
33. Which among the Stents has a Biodegradable Polymer platform?
A. Endeavor B. Xcience
C. Cypher D. Supralimus
34. The minimum size of the Guiding Catheter if two Stents need to be simultaneously deployed
A. 6F B. 7F
C. 8F D. 5F
35. Non invasive BP measurement is based on the principle of
A. Doppler B. Oscillometric method
C. Kortoff sounds D. Palpatory method
36. The Highest Systolic Pressure during Invasive Pressure monitoring will be noted in
A. Central aortic pressure curve B. Femoral arterial pressure curve
C. Dorsalis pedis pressure curve D. Will be the same in all
37. The Preferred amount of Energy required for Cardioversion during Ventricular Fibrillation is
A. 200 J Biphasic B. 100 J monophasic
C. 50 J biphasic D. 100 J Biphasic
38. Which of the following problem is clearly associated with Radiation in the cath lab:
A. Cataract B. Carcinoma Liver
C. Malignant Melanoma D. Toxic Epidermolysis
39. Which is the standard recording format for Angiograms:
A. Dicom B. JPG C. AVI D. WAV
40. Intra Aortic Balloon Pump is inserted to reduce the
A. Afterload B. Preload
C. Improve the coronary Perfusion D. All of the above.
41. The Drugs useful in the treatment of Vasovagal reaction in the cath lab.
A. Atropine B. Mephenteramine
C. IV fluids D. All of the above
42. The best Angiographic view to visualise RCA Ostium is
A. LAO Caudal B. Lateral
C. LAO Cranial D. RAO

WRITTEN TEST FOR MFCP OF TECHNICAL ASSISTANT (CARDIOLOGY)

A to B **HELD ON 08/07/2015**

43. Giant V wave on the LA trace following BMV is suggestive of:
A. Severe MR following BMV B. Residual severe MS.
C. Severe LV Dysfunction D. Cardiac Tamponade.
44. Coronary sinus drains into
A. Right atrium B. Right ventricle
C. Left atrium D. Left SVC
45. The False statement regarding Balloon Pulmonary Valvotomy
A. Pulmonary balloon can be sized to 150% of the PV Annulus
B. Average Balloon pressure Inflation in Pulmonary valvotomy is 12 atm
C. Pulmonary annulus can be imaged by ECHO / Angio
D. RV outflow gradient can persist after successful valvotomy
46. Head up Tilt Test the drug used in the evaluation of:
A. Syncope B. Ischemia
C. Tachyarrhythmia D. Seizures
47. The Preferred amount of Energy required for Cardioversion during Ventricular Tachycardia is
A. 200 J Biphasic B. 100 J monophasic
C. 50 J biphasic D. 100 J Biphasic
48. Incidence of pneumothorax is least with which venous access during permanent pacemaker implantation?
A. Subclavian vein B. Axillary vein
C. Cephalic vein D. None
49. In the EP lab non specific VT can be induced with
A. Triple Extra B. Single Extra
C. Atrial Pacing D. AV Wenkebaching
50. The Physiological measurement of Coronary stenosis is best by
A. Angiogram B. IVUS
C. FFR D. QCA

Handwritten signature
8.7.2015