

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

## II B.Tech. II Sem., II Mid-Term Examinations, April - 2014

## BASIC CLINICAL SCIENCES - I

## Objective Exam

**Name:** \_\_\_\_\_ **Hall Ticket No.**

					A				
--	--	--	--	--	---	--	--	--	--

**Answer All Questions. All Questions Carry Equal Marks. Time: 20 Min. Marks: 10.**

**I Choose the correct alternative:**

1. During Phase 2 of the cardiac cycle, which of the following events are occurring [       ]  
a) Atria relax (diastole) while the ventricles contract (systole); AV valves are closed while the semilunar valves are open.  
b) Atria contract (systole) while the ventricles relax (diastole); AV valves are open while the semilunar valves are closed.  
c) Atria and ventricles are relaxed (diastole); AV valves are open while the semilunar valves are closed.  
d) Blood moves from the right ventricle into the pulmonary trunk, while blood moves from the left ventricle into the aorta.
2. Which two heart chambers pump oxygenated blood [       ]  
a) the right and left atria                      b) the right and left ventricles  
c) the right atrium and the left ventricle      d) the left atrium and the left ventricle
3. An electrocardiogram is a graphic illustration of the: [       ]  
a) cardiac conduction system                  b) cardiac cycle  
c) cardiac output                                  d) systemic and pulmonary circuits
4. Pulmonary capillary wedge pressure is measured by [       ]  
a) CVP Catheter                                  b) Swan Gang Catheter  
c) Femoral central venous catheter            d) Hegar's central venous catheter
5. An ultrasound scan of the heart is called [       ]  
a) Echocardiogram    b) Electrocardiogram    c) Cine angiogram    d) Vector cardiogram
6. Cardiac stress test can be used mostly to diagnose [       ]  
a) Ischemic heart disease    b) Ventricular fibrillation    c) Deep vein thrombosis    d) Aneurisms
7. Laparoscopic surgery is also called as [       ]  
a) Minimally Invasive Surgery    b) Bandaaid Surgery    c) Keyhole Surgery    d) All of the above
8. The \_\_\_\_\_ is essentially a hollow tube connecting the mouth to the anus. [       ]  
a) Esophagus                      b) GI tract                      c) Trachea                      d) All of the above
9. In \_\_\_\_\_ technique a special liquid mixture given into the blood through an intravenous tube into a vein to supplement nutrients [       ]  
a) Parenteral nutrition therapy                  b) Peripheral Parenteral nutrition therapy  
c) total nutrient admixture                      d) All of the above

10. In \_\_\_\_\_ characteristic findings are the absence of P waves, with disorganized electrical activity in their place, and irregular R-R intervals. [      ]  
a) Atrial fibrillation                      b) Ventricular fibrillation  
c) Mitral valve stenosis                  d) Coronary insufficiency

**II      Fill in the blanks:**

11. \_\_\_\_\_ is an essential tool to diagnose dilation of parts of the heart and function of heart ventricles and valves.
12. \_\_\_\_\_ allow liquid medicines, fluids, and even nourishment to flow into the body.
13. \_\_\_\_\_ describes the performance of surgical procedures with the assistance of a video camera and several thin instruments.
14. \_\_\_\_\_ is one of the ways people receives nutrition when they cannot eat or use their gut via tube feeding.
15. \_\_\_\_\_ occurs as a result of left atrium dilatation and fibrosis of the atrial wall.
16. A \_\_\_\_\_ is a procedure to remove a small piece of the liver so it can be examined with a microscope for signs of damage or disease.
17. \_\_\_\_\_ procedure can be both diagnostic and therapeutic.
18. \_\_\_\_\_ technique is used for unblocking coronary arteries      that have sclerotic plaque.
19. To estimate the right weight based on the height, a person should know the ideal \_\_\_\_\_
20. \_\_\_\_\_ secretion is increased by distension of stomach.

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

## II B.Tech. II Sem., II Mid-Term Examinations, April - 2014

## BASIC CLINICAL SCIENCES - I

## Objective Exam

**Name:** \_\_\_\_\_ **Hall Ticket No.**

					A				
--	--	--	--	--	---	--	--	--	--

**Answer All Questions. All Questions Carry Equal Marks. Time: 20 Min. Marks: 10.**

**I Choose the correct alternative:**

1. Pulmonary capillary wedge pressure is measured by [       ]  
a) CVP Catheter                      b) Swan Gang Catheter  
c) Femoral central venous catheter    d) Hegar's central venous catheter
2. An ultrasound scan of the heart is called [       ]  
a) Echocardiogram    b) Electrocardiogram    c) Cine angiogram    d) Vector cardiogram
3. Cardiac stress test can be used mostly to diagnose [       ]  
a) Ischemic heart disease    b) Ventricular fibrillation    c) Deep vein thrombosis    d) Aneurisms
4. Laparoscopic surgery is also called as [       ]  
a) Minimally Invasive Surgery    b) Bandaaid Surgery    c) Keyhole Surgery    d) All of the above
5. The \_\_\_\_\_ is essentially a hollow tube connecting the mouth to the anus. [       ]  
a) Esophagus                  b) GI tract                  c) Trachea                  d) All of the above
6. In \_\_\_\_\_ technique a special liquid mixture given into the blood through an intravenous tube into a vein to supplement nutrients [       ]  
a) Parenteral nutrition therapy                  b) Peripheral Parenteral nutrition therapy  
c) total nutrient admixture                  d) All of the above
7. In \_\_\_\_\_ characteristic findings are the absence of P waves, with disorganized electrical activity in their place, and irregular R-R intervals. [       ]  
a) Atrial fibrillation    b) Ventricular fibrillation  
c) Mitral valve stenosis    d) Coronary insufficiency
8. During Phase 2 of the cardiac cycle, which of the following events are occurring [       ]  
a) Atria relax (diastole) while the ventricles contract (systole); AV valves are closed while the semilunar valves are open.  
b) Atria contract (systole) while the ventricles relax (diastole); AV valves are open while the semilunar valves are closed.  
c) Atria and ventricles are relaxed (diastole); AV valves are open while the semilunar valves are closed.  
d) Blood moves from the right ventricle into the pulmonary trunk, while blood moves from the left ventricle into the aorta.
9. Which two heart chambers pump oxygenated blood [       ]  
a) the right and left atria                  b) the right and left ventricles  
c) the right atrium and the left ventricle    d) the left atrium and the left ventricle

**Cont.....2**

10. An electrocardiogram is a graphic illustration of the: [      ]  
a) cardiac conduction system                      b) cardiac cycle  
c) cardiac output                                      d) systemic and pulmonary circuits

**II Fill in the blanks:**

11. \_\_\_\_\_ is one of the ways people receives nutrition when they cannot eat or use their gut via tube feeding.
12. \_\_\_\_\_ occurs as a result of left atrium dilatation and fibrosis of the atrial wall.
13. A \_\_\_\_\_ is a procedure to remove a small piece of the liver so it can be examined with a microscope for signs of damage or disease.
14. \_\_\_\_\_ procedure can be both diagnostic and therapeutic.
15. \_\_\_\_\_ technique is used for unblocking coronary arteries that have sclerotic plaque.
16. To estimate the right weight based on the height, a person should know the ideal \_\_\_\_\_
17. \_\_\_\_\_ secretion is increased by distension of stomach.
18. \_\_\_\_\_ is an essential tool to diagnose dilation of parts of the heart and function of heart ventricles and valves.
19. \_\_\_\_\_ allow liquid medicines, fluids, and even nourishment to flow into the body.
20. \_\_\_\_\_ describes the performance of surgical procedures with the assistance of a video camera and several thin instruments.

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD****II B.Tech. II Sem., II Mid-Term Examinations, April – 2014****BASIC CLINICAL SCIENCES - I****Objective Exam**Name: \_\_\_\_\_ Hall Ticket No. 

						A			
--	--	--	--	--	--	---	--	--	--

**Answer All Questions. All Questions Carry Equal Marks. Time: 20 Min. Marks: 10.****I Choose the correct alternative:**

1. Cardiac stress test can be used mostly to diagnose [      ]  
a) Ischemic heart disease b) Ventricular fibrillation c) Deep vein thrombosis d) Aneurisms
2. Laparoscopic surgery is also called as [      ]  
a) Minimally Invasive Surgery b) Bandaaid Surgery c) Keyhole Surgery d) All of the above
3. The \_\_\_\_\_ is essentially a hollow tube connecting the mouth to the anus. [      ]  
a) Esophagus b) GI tract c) Trachea d) All of the above
4. In \_\_\_\_\_ technique a special liquid mixture given into the blood through an intravenous tube into a vein to supplement nutrients [      ]  
a) Parenteral nutrition therapy b) Peripheral Parenteral nutrition therapy  
c) total nutrient admixture d) All of the above
5. In \_\_\_\_\_ characteristic findings are the absence of P waves, with disorganized electrical activity in their place, and irregular R-R intervals. [      ]  
a) Atrial fibrillation b) Ventricular fibrillation  
c) Mitral valve stenosis d) Coronary insufficiency
6. During Phase 2 of the cardiac cycle, which of the following events are occurring [      ]  
a) Atria relax (diastole) while the ventricles contract (systole); AV valves are closed while the semilunar valves are open.  
b) Atria contract (systole) while the ventricles relax (diastole); AV valves are open while the semilunar valves are closed.  
c) Atria and ventricles are relaxed (diastole); AV valves are open while the semilunar valves are closed.  
d) Blood moves from the right ventricle into the pulmonary trunk, while blood moves from the left ventricle into the aorta.
7. Which two heart chambers pump oxygenated blood [      ]  
a) the right and left atria b) the right and left ventricles  
c) the right atrium and the left ventricle d) the left atrium and the left ventricle
8. An electrocardiogram is a graphic illustration of the: [      ]  
a) cardiac conduction system b) cardiac cycle  
c) cardiac output d) systemic and pulmonary circuits
9. Pulmonary capillary wedge pressure is measured by [      ]  
a) CVP Catheter b) Swan Gang Catheter  
c) Femoral central venous catheter d) Hegar's central venous catheter

**Cont.....2**

10. An ultrasound scan of the heart is called [      ]  
a) Echocardiogram   b) Electrocardiogram   c) Cine angiogram   d) Vector cardiogram

**II      Fill in the blanks:**

11. A \_\_\_\_\_ is a procedure to remove a small piece of the liver so it can be examined with a microscope for signs of damage or disease.
12. \_\_\_\_\_ procedure can be both diagnostic and therapeutic.
13. \_\_\_\_\_ technique is used for unblocking coronary arteries      that have sclerotic plaque.
14. To estimate the right weight based on the height, a person should know the ideal \_\_\_\_\_
15. \_\_\_\_\_ secretion is increased by distension of stomach.
16. \_\_\_\_\_ is an essential tool to diagnose dilation of parts of the heart and function of heart ventricles and valves.
17. \_\_\_\_\_ allow liquid medicines, fluids, and even nourishment to flow into the body.
18. \_\_\_\_\_ describes the performance of surgical procedures with the assistance of a video camera and several thin instruments.
19. \_\_\_\_\_ is one of the ways people receives nutrition when they cannot eat or use their gut via tube feeding.
20. \_\_\_\_\_ occurs as a result of left atrium dilatation and fibrosis of the atrial wall.

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD****II B.Tech. II Sem., II Mid-Term Examinations, April – 2014****BASIC CLINICAL SCIENCES - I****Objective Exam**Name: \_\_\_\_\_ Hall Ticket No. 

						A			
--	--	--	--	--	--	---	--	--	--

**Answer All Questions. All Questions Carry Equal Marks. Time: 20 Min. Marks: 10.****I Choose the correct alternative:**

1. The \_\_\_\_\_ is essentially a hollow tube connecting the mouth to the anus. [      ]  
a) Esophagus                      b) GI tract                      c) Trachea                      d) All of the above
2. In \_\_\_\_\_ technique a special liquid mixture given into the blood through an intravenous tube into a vein to supplement nutrients [      ]  
a) Parenteral nutrition therapy                      b) Peripheral Parenteral nutrition therapy  
c) total nutrient admixture                      d) All of the above
3. In \_\_\_\_\_ characteristic findings are the absence of P waves, with disorganized electrical activity in their place, and irregular R-R intervals. [      ]  
a) Atrial fibrillation                      b) Ventricular fibrillation  
c) Mitral valve stenosis                      d) Coronary insufficiency
4. During Phase 2 of the cardiac cycle, which of the following events are occurring [      ]  
a) Atria relax (diastole) while the ventricles contract (systole); AV valves are closed while the semilunar valves are open.  
b) Atria contract (systole) while the ventricles relax (diastole); AV valves are open while the semilunar valves are closed.  
c) Atria and ventricles are relaxed (diastole); AV valves are open while the semilunar valves are closed.  
d) Blood moves from the right ventricle into the pulmonary trunk, while blood moves from the left ventricle into the aorta.
5. Which two heart chambers pump oxygenated blood [      ]  
a) the right and left atria                      b) the right and left ventricles  
c) the right atrium and the left ventricle                      d) the left atrium and the left ventricle
6. An electrocardiogram is a graphic illustration of the: [      ]  
a) cardiac conduction system                      b) cardiac cycle  
c) cardiac output                      d) systemic and pulmonary circuits
7. Pulmonary capillary wedge pressure is measured by [      ]  
a) CVP Catheter                      b) Swan Gang Catheter  
c) Femoral central venous catheter                      d) Hegar's central venous catheter
8. An ultrasound scan of the heart is called [      ]  
a) Echocardiogram                      b) Electrocardiogram                      c) Cine angiogram                      d) Vector cardiogram
9. Cardiac stress test can be used mostly to diagnose [      ]  
a) Ischemic heart disease                      b) Ventricular fibrillation                      c) Deep vein thrombosis                      d) Aneurisms

10. Laparoscopic surgery is also called as [       ]  
a) Minimally Invasive Surgery b) Bandaaid Surgery c) Keyhole Surgery d) All of the above

**II Fill in the blanks:**

11. \_\_\_\_\_ technique is used for unblocking coronary arteries that have sclerotic plaque.
12. To estimate the right weight based on the height, a person should know the ideal \_\_\_\_\_
13. \_\_\_\_\_ secretion is increased by distension of stomach.
14. \_\_\_\_\_ is an essential tool to diagnose dilation of parts of the heart and function of heart ventricles and valves.
15. \_\_\_\_\_ allow liquid medicines, fluids, and even nourishment to flow into the body.
16. \_\_\_\_\_ describes the performance of surgical procedures with the assistance of a video camera and several thin instruments.
17. \_\_\_\_\_ is one of the ways people receives nutrition when they cannot eat or use their gut via tube feeding.
18. \_\_\_\_\_ occurs as a result of left atrium dilatation and fibrosis of the atrial wall.
19. A \_\_\_\_\_ is a procedure to remove a small piece of the liver so it can be examined with a microscope for signs of damage or disease.
20. \_\_\_\_\_ procedure can be both diagnostic and therapeutic.