

**BACHELOR OF PHYSIOTHERAPY
SEVENTH SEMESTER (SPECIAL REPEAT)
PHYSIOTHERAPY FOR CARDIO-RESPIRATORY CONDITIONS
BPT-703**

(Use separate answer scripts for Objective & Descriptive)

Duration : 3 hrs.

Full Marks : 70

[PART-A : Objective]

Time : 20 min.

Marks : 20

Choose the correct answer from the following:

1X20=20

1. Bronchial breath sounds are _____ pitch sounds
 - a. High
 - b. Moderate
 - c. Low
 - d. Abnormal
2. Absence of breathing is known as:
 - a. Apnea
 - b. Dysnea
 - c. Cyanosis
 - d. Clubbing
3. Which of these techniques can be used in an unconscious patient?
 - a. AD
 - b. Coughing
 - c. Huffing
 - d. PNF respiration
4. Wheeze is heard in _____ phase of respiration.
 - a. Inspiratory
 - b. Expiratory
 - c. Both inspiratory and expiratory
 - d. None
5. Tracheal tug is seen in:
 - a. Head
 - b. Neck
 - c. Limbs
 - d. All of the above
6. There are _____ phases in a Cardiac Rehabilitation.
 - a. 2
 - b. 3
 - c. 4
 - d. 5
7. _____ is a self drainage technique.
 - a. Postural Drainage
 - b. ACBT
 - c. Autogenic Drainage
 - d. FET
8. 6 minute walk test should be performed:
 - a. Indoor
 - b. Outdoor
 - c. Both
 - d. Does not matter
9. Pitting oedema can be seen in:
 - a. Kidney Failure
 - b. CHF
 - c. Liver disease
 - d. All of the above
10. Costophrenic Angle is obliterated in :
 - a. Pneumothorax
 - b. Pleural Effusion
 - c. Pyothorax
 - d. Empyema thoracis
11. Jugular venous pressure is seen in:
 - a. Head
 - b. Neck
 - c. Limbs
 - d. All of the above

12. Vesicular breath sounds are _____pitch sounds.
- a. High
 - b. Moderate
 - c. Low
 - d. Abnormal
13. Normal lobibond angle is:
- a. Less than 120
 - b. Greater than 120
 - c. Greater than 160
 - d. Less than 160
14. During acute attack of asthma:
- a. FEV1 drops
 - b. FVC rises
 - c. Both FEV1 and FVC drops
 - d. Both FEV1 and FVC rises
15. Reid's index is increased in:
- a. Asthama
 - b. Bronchitis
 - c. Bronchiectasis
 - d. Emphysema
16. Localized formation of pus surrounded by fibrous capsule is known as:
- a. Empyema
 - b. Pleural effusion
 - c. Bronchitis
 - d. Lung abscess
17. Chronic effect of exercise training is _____ in heart rate.
- a. Increased
 - b. Decreased
 - c. Remain same
 - d. None
18. Which of the following is not a complication of pulmonary surgery?
- a. Consolidation
 - b. Failure to heal
 - c. Large bullae
 - d. Adherent scar
19. Huffing is produced by:
- a. Open glottis
 - b. Close glottis
 - c. Both
 - d. None
20. Wengers protocol is used in:
- a. MI
 - b. CABG
 - c. PTCA
 - d. None

-- -- --

(PART-B : Descriptive)

Time : 2 hrs. 40 min.

Marks : 50

[Answer question no.1 & any four (4) from the rest]

- | | |
|---|----------|
| 1. Classify various peripheral vascular diseases. Write the management of buerger's disease. | 4+6=10 |
| 2. What is an ICU? Explain monitoring and PT management in an ICU. | 2+3+5=10 |
| 3. What is cardiac rehabilitation? What is the importance of karvonen formula in determining the intensity in exercise training in cardiac rehabilitation? | 10 |
| 4. Elaborate on pulmonary rehabilitation. | 10 |
| 5. What are the goals of suctioning? Explain the procedure in tracheostomy suctioning. | 5+5=10 |
| 6. A patient of myocardial infarction comes to the department with severe chest pain and difficulty in breathing. Explain the objective assessment and the emergency medications for the same in details. | 10 |
| 7. List out the various peripheral vascular diseases. Write the physiotherapy management of raynoud's disease. | 4+6=10 |
| 8. Short notes:
a. Chronic bronchitis
b. Pleural effusion | 5+5=10 |

= = *** = =