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BACHELOR OF PHYSIOTHERAPY(B. P. T.)
EXAMINATION : JUNE - 2021
FOURTH YEAR

A

Subject: Physiotherapy In General Medicine and Surgical Conditions
(First Aid Nursing) (BPT -403)

Date: 03/06/2021

Total Marks: 80

Time: 10.00 am to 1.00 pm

Instructions:

1. To answer the Multiple Choice Questions (MCQs) use separate answer sheet provided by the University.
2. For answering the Multiple Choice Questions (MCQs) put the tick mark in the respective column.
A. B C D
3. Multiple Choice Questions (MCQs) are to be solved within first 20 minutes of the session.
4. Return your answer sheet of Multiple Choice Questions (MCQs) when first 20 minutes' time is over.

SECTION – A

Q.1 Select most appropriate option.

(20)

- 1) Indications for oxygen therapy are except....
a) Correction of hypoxemia b) Correction of hypocapnea c) Acute myocardial infarction d) Promotion of reabsorption
- 2) Normal Value for ventilation perfusion ratio (V/Q) is.....
a) 0.6 b) 0.4 c) 1 d) 0.8
- 3) ST segment elevation in I, aVL, V5 V6 suggests of
a) Anterolateral infarct b) Inferior wall infarct c) Lateral infarct d) Septal infarct
- 4) If spirometry suggests reduction in both FEV1 and FVC with an increase in FEV1/FVC ratio, it is
a) Obstructive defect b) Restrictive defect c) Mixed defect d) none
- 5) Normal value for ankle brachial index ranges from....
a) 0.90 to 1.2 b) 0.90 to 1.3 c) 0.8 to 1.2 d) 0.80 to 1.3
- 6) Benefits of exercise training in cardiovascular risk reduction are except....
a) Improvement in exercise capacity b) Reduction in inflammation (hs-CRP) c) Reduction in obesity indices d) Reduction in HDL
- 7) The spacer technique may be appropriate for patients with....
a) poor inhaler technique b) severe breathlessness c) candidiasis d) all of above
- 8) EPP is a physiologic zone in lungs where....
a) Intra-alveolar pressure > Intra pleural pressure b) Intra-alveolar pressure < Intra pleural pressure c) Once Intra-alveolar pressure = Intra pleural pressure d) Both b and c
- 9) Features of Bronchial breath sounds are all except
a) Loud and high pitched b) Heard equally throughout inspiration and expiration c) Heard over area of consolidation d) Faint, low pitched
- 10) X-ray findings of "Lung collapse" are.....
a) Mediastinal shift to same side b) Tracheal shift to same side c) Mediastinal shift to opposite side d) both a and b
- 11) As the dome of diaphragm can not descend any further, diaphragm contraction during inspiration pulls the lower ribs inwards. This is called as.....
a) Hoovers sign b) pectus carinatum c) pectus excavatum d) none
- 12) PNF for respiratory system include.....

- a) Intercostals stretch b) Vertebral pressure c) Perioral pressure d) all of the above
T4
- 13) Which of following is true for THR...?
a) 60-80 % (maxHR+ RHR) b)) 60-80% (maxHR- RHR)+ RHR c) 60-80 % (maxHR+RHR)- RHR d) 60-80% (maxHR- RHR)+ MaxHR
- 14) The procedure which entails insufflations of a chemical irritant via a thoracoscope is known as...
a) Thoracoscop b) Decortication c) Pleurectomy d) Pleurodesis
- 15) The device used to augment diastolic blood flow to coronary arteries and to reduce the left ventricular workload is
a) IPPB b) IABP c) EECBP d) both b and c
- 16) The Drugs used in management of COPD are except...
a) Glucocorticoids b) Mast cell stabilisers c) Leukotriene modifiers d) all
- 17) The scoring on the Glasgow Coma Scale is
a) Max 15; Min 3 b) Max 12; Min 3 c) Max 15; Min 0 d) Max 12; Min 0
- 18) Average vital capacity is
a) 500 mL b) 5 L c) 5000 L d) 150 mL
- 19) Maximum size of Suction catheter that can be used with Mini-tracheostomy tube is....
a) 10 FG b) 12 FG c) 14FG d) 16 FG
- 20) Which one of the following is correct for "Max HR"
a) Age- 20 b) Age- 220 c) 220- Age d) Age- 220 /2

SECTION – B

Q.2 Write short notes on (Any Five) (15)

1. Exercise tolerance test
2. PT management of Pleural effusion
3. Autogenic drainage
4. Risk Factors for Ischemic Heart Diseases along with Pathophysiology
5. Give rationale of "Positioning in ICU"
6. Bernoulli's Principle and its use in Physiotherapy

Q.3 Write short notes on (Any Three) (15)

1. Arterial Blood Gases
2. Manual Hyperinflation
3. Functional diagnosis of Lymphedema
4. Weaning from ventilator support

SECTION – C

Q.4 Answer in detail. (15)

A 35 years male, chronic smoker, presented with Bluish Discoloration of right foot, feeble Femoral pulsations, absent Posterior Tibial pulsation underwent and below knee amputation two days back. Write down functional diagnosis, plan short term and long-term treatment for him. (4 + 6+ 5)

Q.5 Answer the following. (15)

A 65 years female diagnosed to be case of Triple Vessel Disease. She has undergone CABG 3 days back. Write down functional diagnosis, Plan Cardiac rehabilitation program for her (4 + 6+ 5)

OR

A 55 years male diagnosed to be case of Interstitial lung disease. Write down functional diagnosis. Write down functional diagnosis, Plan out short term and long-term program for her. (4 + 6+ 5)