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BACHELOR OF PHYSIOTHERAPY(B. P. T.)
EXAMINATION : NOVEMBER - 2023
FOURTH YEAR

A

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

Date: 23/11/2023

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) In X-ray investigation, Meniscal sign is cardinal feature of
a) Liver Cirrhosis b) Pleural effusion c) CHF d)Hydropneumothorax
- 2) According to Bernoullies principle, as velocity increases lateral pressure....
a) increases b) decreases c) remains same d) none
- 3) Simple oxygen mask with a flow of 5 to 10L/min provide _____ FiO₂
a) 20-30 % b) 30-50 % c) 35-60 % d) 60-80 %
- 4) In nebulisation therapy, device that converts liquid particles into mist of aerosol is known as.....
a) Jet b) spacer c) baffle d)) none
- 5) Measurement of distensibility of lung is known as.....
a) Elasticity b) Recoil c) Compliance d) none
- 6) In ankle-brachial index, severe arterial disease denotes with_____.
a) >1.2 b) 1.19-0.95 c) 0.75-0.50 d)) <0.50
- 7) Size of suction catheter ideally should bethe inner diameter of Endotracheal tube
a) less than 1/3rd b) more than 1/3rd c) more than 1/2 d) Less than 1/2
- 8) 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
- 9) Reasons to stop exercise testing are.....
a) chest pain b) intolerable c) leg cramp d) all
dyspnea
- 10) Airway resistance equals to.....
a) BP/ flow rate b) BP/ HR c) Driving pressure / flow rate d) Driving pressure / HR
- 11) Decortication surgery means removal of....
a) segmant b) lobe c) lung d) pleura
- 12) McBurney Incision commonly used approach for
a) Thoracotomy b) Cholecystectomy c) Appendectomy d) Hiatus Hernia repair
- 13) The condition where ventilation is present but alveoli are poorly perfused is known as....
a) Dead space b) pulmonary block c) shunt d) b and c
- 14) PNF for respiratory system include.....
a) intercostals stretch b) perioral pressure c) vertebral pressure d) all of the above
T4

- 15) The BMI is expressed as.....
 a) gm/m² b) kg²/cm c) kg/m² d) kg/ cm²
- 16) Following is not the component of teratology of fallot.....
 a) VSD b) ASD c) pulmonary stenosis d) overriding of aorta
- 17) Collateral ventailation in lungs occurs through all **except**....
 a) pores of martin b) channels of martin c) pores of kohn d) channels of lambert
- 18) Patients with unilateral lung disease derive greater benefits when
 a) affected lung is uppermost b) affected lung is lowermost c) supine d) prone
- 19) Contraindications for postural drainage include....
 a) Emphysema b) Unstable vital signs c) pleural diseases d) TB
- 20) 1 MET equals to....
 a) 3.5 ml/min b) 2.8ml/kg/ml c) 3.5 kg/ml/min d) 3.5 ml/kg/min

SECTION – B

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

- 1) Active cycle of breathing technique
- 2) Effects of general anesthesia
- 3) “FITTs” principle
- 4) Investigations done in cardiac diseases
- 5) Six minute walk test
- 6) Humidification therapy

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

- 1) Arterial Blood Gases
- 2) Manual hyperinflation
- 3) Oxygen Therapy
- 4) PT management for Pleural effusion

SECTION – C

Q.4 Answer in detail. (15)

A 56 years male, chronic smoker admitted in CCU with Inferior wall MI has undergone CABG 2 days ago. Write ICIDH, plan short term and long-term treatment for him. (4 + 6+ 5)

Q.5 Answer the following. (15)

A 60 years male has undergone explorative laprotomy. Write ICIDH, plan short term and long-term treatment for him. (4 + 6+ 5)

OR

A 65 years female diagnosed to be case of Chronic obstructive pulmonary disease. Write down functional diagnosis. Plan out short term and long-term program for her (4+6+5)