

N.A



BRAINWARE UNIVERSITY

Term End Examination 2022
 Programme – B.Sc.(PA)-2019/B.Sc.(PA)-2020
 Course Name – Basic Intensive Care
 Course Code - BPA507
 (Semester V)

Full Marks : 60

Time : 2:30 Hours

[The figure in the margin indicates full marks. Candidates are required to give their answers in their own words as far as practicable.]

Group-A

(Multiple Choice Type Question)

1 x 15=15

1. Choose the correct alternative from the following :

- (i) Choose the correct statement about CPR of the followings
- | | |
|--------------------|--------------------|
| a) CPR ratio 30:2 | b) CPR ratio 10:10 |
| c) CPR ratio 120:2 | d) CPR ratio 60 |
- (ii) Which is NOT a cause of normal anion gap metabolic acidosis?
- | | |
|------------------------------|---------------------------|
| a) High dose corticosteroids | b) renal tubular acidosis |
| c) acetazolamide | d) pancreatic fistula |
- (iii) Which of the assumption is/are correct
- | | |
|--|---|
| a) Respiratory problem - the kidneys compensate by conserving or excreting HCO ₃ is TRUE | b) Metabolic problem - the lungs compensate by retaining or blowing off CO ₂ is TRUE |
| c) PaCO ₂ or HCO ₃ in a direction opposite its predicted direction or not close to predictive value is FALSE | d) All of these |
- (iv) Normal value of ETCO₂
- | | |
|-----------------|-----------------|
| a) 25 to 35mmHg | b) 10 to 20mmHg |
| c) 35 to 45mmHg | d) 40 to 50mmHg |
- (v) Mr. Jackle develops the following rhythm. Interpret this rhythm strip
- | | |
|------------------------|-------------------------|
| a) First degree block | b) Junctional rhythm |
| c) Second degree block | d) Complete heart block |
- (vi) Causes of decreased value of PETCO₂:
- | | |
|---------------------|-----------------|
| a) Hyperventilation | b) Hypervolemia |
| c) Cardiac arrest | d) All |
- (vii) Which of the following clinical signs is not typical for a classic presentation of shock
- | | |
|--------------------------|----------------|
| a) Cool extremities | b) Weak pulses |
| c) Systemic hypertension | d) Tachypnea |
- (viii) ABG is taken from
- | | |
|-------------------|----------------|
| a) saphenous vein | b) radial vein |
| c) femoral artery | d) none |

