



**Avinashilingam Institute for Home Science and Higher Education for Women**  
(Deemed to be University under Category 'A' by MHRD, Estd. u/s 3 of UGC Act 1956)  
Re-accredited with 'A+' Grade by NAAC. Recognised by UGC Under Section 12B  
Coimbatore - 641 043, Tamil Nadu, India

**Bachelor's Degree Examination – January 2021**  
**Semester V**

**Class : III UG**  
**Major : Physician Assistant**

**Time : 3 Hours**  
**Max. Marks: 100**

**18BPAC23 Principles of Emergency Medicine and Disaster Management**

**PART A**  
**Choose the Correct Answer**

**10 x 1 = 10**

1. What colour will cyanotic skin be?  
a. Blue                      b. Red                      c. Green                      d. Pale White
2. Which is the primary path for air to enter and leave the respiratory system?  
a. Nose of the above                      b. Mouth  
c. Trachea                      d. Pharynx
3. How many initial breaths should you give when performing rescue breathing with a face shield?  
a. 4                      b. 1                      c. 2                      d. 3
4. What prevents food and fluids from entering the trachea?  
a. Throat                      b. Bronchial Tree                      c. Epiglottis                      d. Larynx
5. What should be done if a finger sweep dislodges dentures?  
a. Adjust them                      b. Remove them  
c. Replace them                      d. Leave them alone
6. What direction does the diaphragm move when the muscles contract?  
a. Upwards                      b. Downwards  
c. Right                      d. Left
7. What is indicated when the radial pulse is absent, but a carotid pulse can be found?  
a. Heart Attack                      b. Stroke  
c. Shock                      d. Diabetes
8. What would blood or clear fluid in the ear be a strong indicator of?  
a. Cardiac Injury                      b. Ear Injury  
c. Skull Fracture                      d. Brain Injury
9. The Role of which agency is important in disaster prevention  
a. Media                      b. Police                      c. Govt Officials                      d. Public
10. What is the first step in Chemical area disaster medical management and support?  
a. To decontaminate the casualties                      b. To Perform Medical Intelligence  
c. To use protective equipment                      d. None of the above

**Part B**

**5 x 6 = 30**

**Answer ALL questions**

**Each answer should not exceed 400 words or two pages**

- 11.a. Write short notes on Renal Replacement Therapy  
(or)  
11.b. Write short notes on Stroke emergency
- 12.a. Management of Myocardial infarction  
(or)  
12.b. Briefly explain about principles of Emergency Medicine
- 13.a. Compare and Contrast the BCLS vs ACLS  
(or)  
13.b. Write the procedure of Endotracheal Intubation and Extubation.
- 14.a. Briefly write about Paediatric airway management.  
(or)  
14.b. Procedure of facing poisoned patient.
- 15.a. Flood Management.  
(or)  
15.b. Difference between defibrillation and cardio version.

**Part C**

**5 x 12 = 60**

**Answer ALL questions**

**Each answer should not exceed 800 words or four pages**

- 16.a. Explain about Disaster Management Cycle.  
(or)  
16.b. Disaster – concept and classification with examples.
- 17.a. Detail procedure of Managing burn patients.  
(or)  
17.b. Acute Renal Failure.
- 18.a. Write about Management of Respiratory emergencies.  
(or)  
18.b. Disseminated Intravascular coagulation.
- 19.a. Management of CNS emergencies.  
(or)  
19.b. Write the Intervention of state in disaster.
- 20.a. Write the basics of disaster Management  
(or)  
20.b. Acute blood loss – Emergency are management

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