

**B.Sc., PHYSICIAN ASSISTANT**

**SURGERY PUZZLE**

**UNIT - 4**

**TOPIC - CPR**

**TOTAL MARKS - 10 MARKS**

**Logical Reasoning Puzzle: Protocol Sequencing**

**Objectives:**

- Sequence CPR steps logically to minimize downtime.
- Understand dependencies between assessments and interventions.

**Tasks:**

Determine the correct logical sequence for adult CPR in an out-of-hospital setting.

**Options:**

A - Confirm no pulse via carotid check ( $\leq 10$  sec);

B - Deliver 2 ventilations after 30 compressions;

C - Activate emergency response and retrieve AED;

D - Resume compressions post-AED analysis if shockable.

**Arrange A-D into a numbered sequence, explaining dependencies**

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**Clues:**

- Clue 1: Always start with the basics - safety and responsiveness before anything invasive.
- Clue 2: Calling for help early unlocks tools; think parallel actions.
- Clue 3: Compressions first in arrest - ventilations follow to avoid hyperoxia risks.
- Clue 4: AED guides shocks, but CPR bridges the gaps - cycle back if no ROSC.

**RUBRICS:**

| <b>Criterion</b>                    | <b>Marks (out of 10)</b> |
|-------------------------------------|--------------------------|
| <b>Accuracy</b>                     | 4                        |
| <b>Logical reasoning / Applying</b> | 3                        |
| <b>Conceptual understanding</b>     | 2                        |
| <b>Presentation</b>                 | 1                        |
| <b>Total Marks</b>                  | <b>10 marks</b>          |