Reaching Impact, Saturation and Epidemic Control (RISE)

PRE- TRAINING ASSESSMENT FORM

PARTICIPANT HANDOUT- 1.3.1

Tick (✔) the correct option.

1. Which of the following is a self-contained and portable electrically powered medical device designed to concentrate oxygen from ambient air, using PSA technology?
   a) Dewars
   b) Oxygen Concentrator
   c) Pressure swing adsorption (PSA) Plant
   d) Cryogenic tankers

2. The most commonly used largest gaseous cylinders in India is?
   a) D type (Jumbo, Gaseous)
   b) B type (Portable, Gaseous)
   c) Dura cylinders 180 (Liquid)
   d) Dura cylinders 225 (Liquid)

3. If 1 metric tonne (MT) of liquid medical oxygen is equal to 770 m^3 of gas and costs @ 18/m^3. What would be the cost of 60 MT gas in INR?
   a) 7,49,480 INR
   b) 8,31,600 INR
   c) 9,40,489 INR
   d) 8,49,480 INR

4. What is the full form of PESO?
   a) Petrol and Explosives Safety Organization
   b) Petroleum and Explosives Safety Organization
   c) Preventive and Essential Services Organization
   d) Petroleum and Expensive Society on Oxygen

5. When to stop oxygen therapy for children?
   a) Danger signs go away
   b) SpO2 > 90%
   c) Improvement in child's health status
   d) All of the above

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6. Which of the following is ***not*** a criterion for Oxygen device selection?
   a) Quality: Certifications and Registration.
   b) Functional Requirements: Critical elements for use.
   c) Price: Competitive pricing, prepayment, and potential procurement
   d) Bulky and noisy

7. What should be the minimum purity of medical oxygen administered to COVID-19 patients?
   a) 80%
   b) 85%
   c) 90%
   d) 96%

8. Oxygen therapy is needed to cater the needs at which level of healthcare system
   a) Primary
   b) Secondary
   c) Tertiary
   d) All the above

9. Which of the following is not the source of medical oxygen?
   a) Oxygen concentrator
   b) Ventilator
   c) Oxygen cylinder
   d) PSA/VSA/VPSA Plant
   e) Liquid medical oxygen (ASU plant)

10. Liquid oxygen is less concentrated and hence can only be stored in larger tank to ensure continuous supply at high pressure.
    a) True
    b) False

11. Which of the following is a high flow oxygen device?
    a) Nasal catheter
    b) Non-rebreathing mask
    c) Venturi mask
    d) Oxygen tent

12. Choose the correct color code for oxygen gas cylinder
    a) Yellow shoulder and brown body
    b) Black shoulder and white body

c) White shoulder and black body
d) Red shoulder

13. Use of humidifier will not be recommended when
    a) Cold oxygen is delivered
    b) Delivering oxygen at higher than standard flow rates
    c) Methods of oxygen bypass the nose
    d) Delivering oxygen at relatively low flow rates

14. What should you if the fuse or circuit breaker blows second time after replacement?
    a) Dispose off the equipment as permanently damaged
    b) Refer the issue to bio-medical engineer
    c) Replace the fuse yourself as its normal for the fuse to blow multiple times
    d) None of the above

15. Which of the following factors are responsible for oxygen wastage?
    a) Faulty valves
    b) Washer not properly placed
    c) Improper maintenance of dura cylinder
    d) All of the above

16. For producing medical oxygen in gaseous form
    a) Cryogenic Distillation
    b) PSA Technology
    c) None of these

17. Which of the following is not a possible reason for equipment not starting?
    a) Electric cable fault
    b) Poor air conditioning
    c) Internal problem in equipment
    d) No power for main socket

18. O.E.M. stands for
    a) Original equipment Manufacturer
    b) Old Equipment Manufacturer
    c) Old Equipment Maintenance
    d) Original Equipment Maintenance

19. Maintenance that involves a system of periodic inspection and maintenance designed to keep machine in operation is called

a) Preventive maintenance
b) Total productive maintenance
c) Predictive maintenance
a) Breakdown maintenance

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