**2017 Post #5 BIOPAK 240 R Written Test**

**Contestants Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Team Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

1. Prior to using the BioPak 240 Revolution it must be determined that the user is \_\_\_\_\_\_\_\_\_\_ fit.

mentally physically medically

1. Do not open the cylinder valve in the presence of open flame, \_\_\_\_\_\_ or high radiant heat.

sparks oil low

3. The use of an SCBA will add to the workload and stress of the \_\_\_\_\_\_.

wearer user person

1. Allow the oxygen cylinder to cool after filling to determine the correct\_\_\_\_\_\_\_.

pressure size weight

1. Oxygen will not cause materials to \_\_\_\_\_\_\_ without the presence of an ignition source.

burn ignite flare

6. The fiber optic cable may only be \_\_\_\_\_\_\_\_\_\_ to the BioPak 240R remote gauge assembly.

attached connected assembled

7. \_\_\_\_\_\_\_\_\_\_\_ after completion of BioPak use, remove the used CO2 scrubber canisters.

soon shortly immediately

8. Use only \_\_\_\_\_\_\_\_\_ and disinfectants that are approved by Bio marine.

cleaners bleach soaps

9. Remove the oxygen cylinder making sure the seal \_\_\_\_\_\_\_ remains in place and install the regulator cover.

gasket o-ring washer

10. C.O.P.D. could limit or \_\_\_\_\_\_\_\_\_ the use of the BioPak 240 Revolution.

prohibit limit prevent

11. Place freeze forms onto a level surface in a freezer for a minimum of \_\_\_ hours period at a temperature of 10 degrees F or less.

12 20 8

12. To \_\_\_\_\_\_\_\_ mold growth remove the moisture control foam pads after each use.

limit prevent prohibit

13. Pre-packing the BioPak 240 R with carbon dioxide scrubbers is only permitted when utilizing \_\_\_\_\_\_\_\_ carbon dioxide scrubber.

factory refillable Orbsorb

14. Moisture control sponges must be \_\_\_\_\_\_\_\_\_ dry when pre-packing the BioPak.

placed positioned installed

15. Users are not permitted to mix \_\_\_\_\_\_\_\_\_ of the Orbsorb within a BioPak.

versions containers types

16. The oxygen cylinder must be fully charged to above \_\_\_\_\_ psi to perform a high pressure leak test.

2600 3000 1500

17. The Cylinder should be \_\_\_\_\_\_\_\_ regularly for signs of damage to the outer wrapping.

checked inspected tested

18. Never pry an O-ring from its glands with a \_\_\_\_\_\_\_\_\_\_\_. Remove O-rings by hand or with the pick tool provided in the service kit.

wrench screwdriver pry-bar

19. Cylinders are to be retired from service \_\_\_-years after the date of manufacture.

15 10 5

20. The Alarm module will require \_\_\_\_\_\_\_\_\_\_\_ if any damage to the housing is discovered.

servicing attention replacement

**Identification of Parts**

21. Item # 3 of the upper housing assembly drawing

oxygen cylinder knob external oxygen knob green knob

22. Item # 2 of the upper housing drawing

Coil spring Stainless coil spring Diaphragm springs

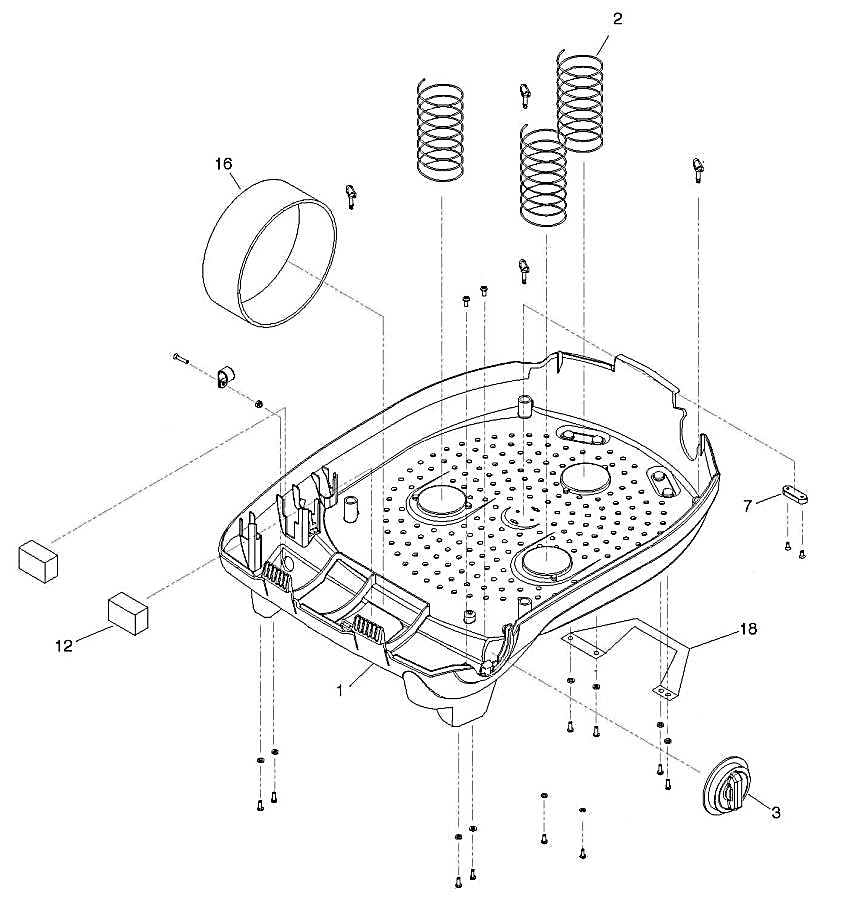
23. Item # 7 0f the upper housing drawing

diaphragm spacer vent spacer key spacer

24. Item # 18 of the upper housing drawing

Hold down strap hold down grip carrying handle

**Upper housing assembly**



18

25. Item # 1 of the Pneumatic Assembly

supply line oxygen supply line bypass feed tube

26. Item # 2 of the Pneumatic Assembly

bypass line bypass return tube supply line

27. Item # 11 of the Pneumatic Assembly

gauge visor remote assembly remote gauge assembly

28. Item # 9 of the Pneumatic Assembly

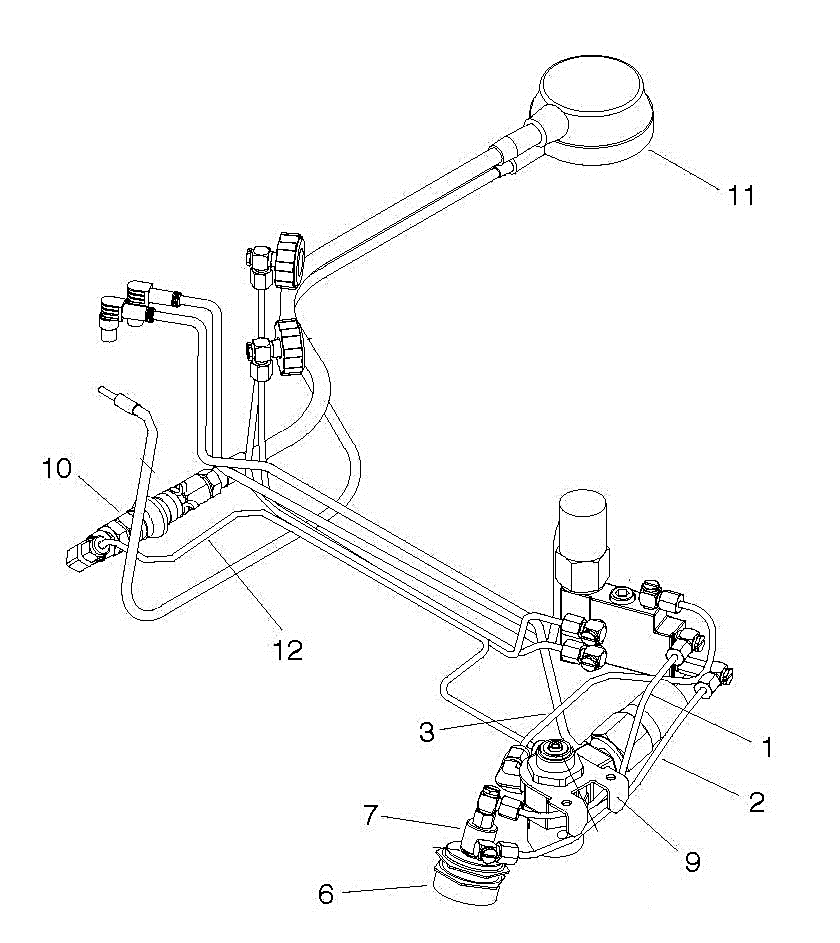
Oxygen regulator assembly regulator assembly regulator

29. Item # 10 of the Pneumatic Assembly

remote shut off remote shut off gauge remote gauge shut off assembly

30. Item # 12 of the Pneumatic Assembly

Remote Gauge feed tube Assembly Feed Tube Remote feed Tube



**Pneumatic Assembly**

**2017 BIOPAK 240 R Written Test Answers**

1. **medically SF 5 17. inspected SF 50**
2. **sparks SF 7 18. screwdriver SF 55**
3. **user SF 10 19. 15 SF 59**
4. **pressure SF 13 20. replacement SF 60**
5. **ignite SF 9**
6. **connected SF 22**
7. **immediately SF 25**
8. **cleaners SF 28**
9. **washer SF 30**
10. **prevent SF 33**
11. **8 SF 34**
12. **prevent SF 38**
13. **Orbsorb SF 40**
14. **installed SF 42**
15. **versions SF 45**
16. **1500 SF 48**

**2017 BIOPAK 240 R Identification of Parts Answers**

**21. external oxygen knob**

**22. diaphragm springs**

**23. vent spacer**

**24. carrying handle**

**25. bypass feed tube**

**26. bypass return tube**

**27. Remote Gauge assembly**

**28. oxygen regulator assembly**

**29. Remote Gauge Shut Off Assembly**

**30. Remote Gauge Feed Tube Assembly**