

Written Quiz

- | | <u>POINTS</u> |
|---|----------------------|
| 1. The ceramic mechanical seal found on the Hale midship pump is:
a. Closed b. Non-adjustable c. Plastic | <u>20</u> |
| 2. The midship pump of a model #1 or #5 CDF engine is rated at GPM at 150 PSI. | <u>20</u> |
| 3. The primer pump on a model #1 or #5 CDF engine is a Hale SMV-12. It is what type of positive displacement pump? | <u>10</u> |
| 4. During pumping operations water must circulate through the pump continuously to keep the pump cool. Which valve is opened to achieve this? | <u>20</u> |
| 5. The suction inlets on either side of a model #1 or #5 engine are _____ inches in diameter. | <u>15</u> |
| 6. Which discharges are operated by the auxiliary pump on a CDF Model #1 or #5 engine?

_____ and | <u>15</u> |

POINTS POSSIBLE: 100

POINTS DEDUCTED:

FINAL SCORE:

POINTS

1. The ceramic mechanical seal found on the Hale midship pump is: 20
a. Closed b. **NON-ADJUSTABLE** c. Plastic

2. The midship pump of a model #1 or #5 CDF engine is rated at **300** GPM at 150 PSI. 20

3. The primer pump on a model #1 or #5 CDF engine is a Hale SMV-12. It is what type of positive displacement pump? 10

ROTARY VANE

4. During pumping operations water must circulate through the pump continuously to keep the pump cool. Which valve is opened to achieve this? 20

TANK FILL or CHURN VALVE

5. The suction inlets on either side of a model #1 or #5 engine are **3** inches in diameter. 15

6. Which discharges are operated by the auxiliary pump on a CDF Model #1 or #5 engine? 15

REEL LINES and DISCHARGES ABOVE PUMP PANEL

POINTS POSSIBLE: 100

POINTS DEDUCTED:

FINAL SCORE: