QUESTIONS - Cylinder Heads

First & Last Name:

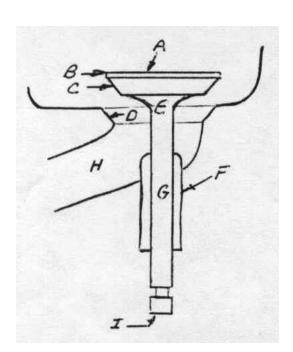
Using the information in www.gwellwood.com/subjects/mechanics/cylinder-heads/, the internet and other sources to answer the following question:

There are NO Partial Marks - when it says "describe" - DESCRIBE

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ST	TORY		
1.	Why is an "L-Head" engine called an L	-Head engine?	
2.	What is the purpose of the following a. Valves	parts?	
	b. Valve Guides		
	c. Valve Seats		
	d. Valve Springs		
	e. Valve Retainers		
	f. Valve Keepers		
	dive neepero		

- 3. What is the purpose of the following parts?
 - a. Valve Seals
 - b. Combustion Chamber
 - c. Rocker Arms
 - d. Camshaft
 - e. Lifters
- 4. Identify the parts in the diagram:
 - a.
 - b. _____
 - C. _____
 - d. _____
 - e.
 - f. _____
 - g. _____
 - h.
 - i.



5. Identify the parts of the valvetrain: В A b. D C c. F d. e. f. 6. Movement equals wear. Looking at the valvetrain parts above, name 5 parts (or surfaces) of the valvetrain that wear during the life of an engine (there are at least 10) 7. Identify the parts in the diagram: В a. C b. c. d. E e.

f.

a. b.	
b.	
b.	
C.	
c.	
d.	
e.	
9. What is the best method to clean valves?	
10. What are three things you need to inspect a cylinder head for?	
a.	
b.	
~.	
C.	
11. Draw a picture of a worn out Valve Seat:	
12. Draw a picture of a worn out Valve Face:	

13. How do you know if valve guides are worn out?
14. How is <i>knurling</i> done on a valve guide?
15. How are STEEL valve guide inserts replaced?
16. What angle are valve seats and faces usually ground at?
17. Many people brag about a "three-angle valve job." But a proper valve job actually has three angles done anyway. What are the THREE angles (in degrees), and what are they called?" a.
b.
C.