

Questions And Answers On Pumps And Pumping Machinery

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Questions And Answers On Pumps

6 Common Pump Questions Answered 1. What is efficiency? When we speak of the efficiency of any machine, we are simply referring to how well it can... 2. What is specific speed, and what is its effect on the pump curve? Specific speed was first applied to centrifugal... 3. What are individual ...

6 Common Pump Questions Answered | Pumps & Systems

13-1 Classification of Pumps. Learn more about Chapter 13: Pumps and Pumping Text, Questions and Answers on GlobalSpec.

Chapter 13: Pumps and Pumping Text, Questions and Answers ...

QUESTION 1 What are the points to be considered for selecting a good pump? The points of consideration: • Flow rate/Capacity needed • Static head • Pressure Head • Friction head • Ambient Conditions QUESTION 2 Under what conditions/situations would the centrifugal compressor be selected? • When lubricant-free discharge is needed

Answer: Pump Questions - 24HourAnswers

Centrifugal Pumps - Mechanical Engineering (MCQ) questions and answers. Home >> Category >> Mechanical Engineering (MCQ) questions and answers >> Centrifugal Pumps; 1) Which of the following centrifugal pumps has higher specific speed than the others? a. ... ANSWER: Reciprocating pump . Explanation:

Centrifugal Pumps - Interview questions and answers ...

Pumps are the important equipment in Chemical Process Industries. Centrifugal and Positive Displacement pumps are widely used in Chemical Industry for variety of application. This online test module on Pumps will help you to enrich your knowledge about Selection, Application and Operating knowledge on Pumps.

Test Your knowledge on Pumps - Online Quiz - Chemical ...

QUESTION 1 What are the points to be considered for selecting a good pump? The points of consideration: • Flow rate/Capacity needed • Static head • Pressure Head • Friction head • Ambient Conditions QUESTION 2 Under what conditions/situations would the centrifugal compressor be selected? • When lubricant-free discharge is needed

MEO Oral Exam Questions on Pumps - Marine Engineering

A2A, * API classification of pumps, application and selection/advantages of different models * Pump components, their application, types, metallurgy etc * Theoretical calculation for head, flow, NPSH, power * Interpretation of Characteristic curve...

Which questions are asked about pumps in technical ...

For many pump application problems, cavitation is the most commonly encountered. It occurs with all types of pumps, rotary, centrifugal or reciprocating, caused by insufficient system inlet pressure to the pump. This can be due to an inlet system restriction, excessive fluid viscosity or excessive pump speed.

Problem Solving - Centrifugal Pumps

Correct Answer. Answer: Option A. 6. Mechanical efficiency of a centrifugal pump is the ratio of. (A) Energy available at the impeller to the energy supplied to the pump by the prime mover. (B) Actual work done by the pump to the energy supplied to the pump by the prime mover. (C) Energy supplied to the pump to the energy available at the impeller. (D) Manometric head to the energy supplied by the impeller per kN of water.

Hydraulic Machines Objective Questions with Answers - Set ...

Question 1. How Cavitation Can Be Eliminated In A Pump? Answer : Cavitation means bubbles are forming in the liquid. To avoid Cavitation, we have to increase the Pump size to One or Two Inch; To increase the pressure of the Suction Head, or; Decrease the Pump Speed. Question 2. Which Pump Is More Efficient Centrifugal Pump Or Reciprocating Pump? Answer :

TOP 250+ Fluid mechanics Interview Questions and Answers ...

1. What are different types of pumps? Basically there are two types of pumps. A. Centrifugal pump. B. Positive displacement pump. 2. What are the different types of centrifugal pump? Different types of centrifugal pump are: - A. Single stage or B. Multi-stage 3. What is the basic difference between single stage and multi-stage centrifugal pump?

Questions Related to Pump Alignment, Pump Piping ...

Centrifugal Pump objective questions and answers. 11. Discharge of a centrifugal pump is proportional to A. Impeller diameter(D) B. D 2. C. D 3. D. 1/D 3. E. 1/D 2 View Answer. ... Indicator diagram of a reciprocating pump is a graph between..... A. Floor vs swept volume . B. Pressure in cylinder vs swept volume. C. Flow vs speed . D ...

Centrifugal pump objective questions (mcq) and answers ...

CES 4.1 & 5 Seagull AS (QUESTIONS & CORRECT ANSWERS

(PDF) CES 4.1 & 5 Seagull AS (QUESTIONS & CORRECT ANSWERS ...

'All pumps have wear parts, which eventually need to be replaced.' "In most cases, the high pressure pump is likely to outlast most other components as long as the pump is installed correctly and the system is operated properly." Pump chattering can be mistaken for a broken connecting rod, when at times it is caused by heavy cavitation.

Troubleshooting Answers for Pump Issues General Pump

Hydraulic Machines Questions with Answers :-1. Reciprocating pumps are no more to be seen in industrial applications (in comparison to centrifugal pumps) because of (a) high initial and maintenance cost (b) lower discharge (c) lower speed of operation (d) necessity of air vessel (e) all of the above. Ans: a. 2.

300+ TOP HYDRAULIC MACHINES Questions and Answers pdf

The above interview questions also can be used for job title levels: entry level pump mechanic, junior pump mechanic, senior pump mechanic, pump mechanic assistant, pump mechanic associate, pump mechanic administrator, pump mechanic clerk, pump mechanic coordinator, pump mechanic consultant, pump mechanic controller, pump mechanic director ...

Top 10 pump mechanic interview questions and answers

Question: An Oil And Gas Company Uses Specialized Pumps To Extract Crude Oil Through The Wells. The Pumps Have Following Cycle Time Data Along With Performance And Allowance Factor Details. Pump No. Pump Operating Cycle (hrs) Performance Allowance Rating, % Factor.% Pump 1 12 27 33* 12 90 42 Pump 2 14 36* 18 10 87 33 Pump 3 12 13 25* 25 Pump 4 17 21 21 24 130 ...

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