

CRSP

Examination

Preparation Workshop

Practice

Questions and Answers

Workbook

Based on the BCRSP 2015 Examination Blueprint

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Applied Safety Fundamentals – ASF – Examination 1

Case Study One

During the past three months, your company experienced 3 back strains (15 days lost), 1 hernia (50 days lost), and 3 fingertip amputations (175 days lost). The hours worked during that period were 537,493. Your company uses a numerical base of 200,000 in calculations.

1. What is the severity rate?
 - a. 8.93
 - b. 89.3
 - c. 9.38
 - d. 89.9

2. What is the frequency rate?
 - a. 26.0
 - b. 2.65
 - c. 2.60
 - d. .260

Case Study Two

An air sampling study was conducted in a research laboratory environment. The contaminant was boron trifluoride and readings were taken at 15 minute intervals over a short period of time. The results in mg/m^3 were recorded as (in order of reading) 1.13, 1.21, 1.02, 0.93, 2.21, 2.06, 2.91, 2.01, 1.32, 3.01, 2.91, 1.17, 0.86.

3. What is the arithmetic mean of these readings?
 - a. 2.01
 - b. 1.75
 - c. 1.76
 - d. 1.57

4. What is the median?
 - a. 0.88
 - b. 1.21
 - c. 2.91
 - d. 1.32

End of Case Studies

Law and Ethics

12. Canadian workers have three traditional rights under OH&S law in most provinces, they are:
 - a. the right to legal representation, the right to have a union representative present during an interview, the right to know about hazards
 - b. the right to refuse to talk to an OH&S officer without a lawyer present, the right to all their medical records, the right to refuse dangerous work
 - c. the right to refuse dangerous work, the right to participate, the right to know about the hazards at their workplace
 - d. the right to be trained to safely do their job, the right to stop work, the right and the right to participate in a safety committee

13. In Product Liability law, implied warranties can be best described as:
 - a. a written or oral promise or representation from a manufacturer
 - b. a written promise that the product will perform in a specific way
 - c. all things sold have to have a written warranty
 - d. by the manufacturer or dealer placing the product on sale, it is suitable for a specific purpose or use

14. Strict liability is a concept in product liability lawsuits that:
 - a. makes it unnecessary for the plaintiff to show negligence or fault to hold the manufacturer liable if an injury or defect has occurred associated with their product
 - b. manufacturers are held accountable to provide written warranties
 - c. the courts hold manufacturers liable even if the product has been misused
 - d. never applies to products. Strict liability only applies in quasi-criminal cases

15. When evaluating ethical alternatives, which of the following form the strongest case upon which to base a decision?
 - a. Applying an ethical rule
 - b. Applying a moral theory
 - c. Applying a value
 - d. Applying as many of the above as possible

16. In the Sault Ste. Marie case two branches of the due diligence defence were set out:
 - a. mistake of facts and reasonable precautions
 - b. industry standard and past practice
 - c. worker error and supplier liability
 - d. continuity of evidence and record keeping

Fire Prevention and Protection – Examination 3 Answer Key

1	A	B	C	D
2	A	B	C	D
3	A	B	C	D
4	A	B	C	D
5	A	B	C	D
6	A	B	C	D
7	A	B	C	D
8	A	B	C	D
9	A	B	C	D
10	A	B	C	D
11	A	B	C	D
12	A	B	C	D
13	A	B	C	D
14	A	B	C	D
15	A	B	C	D
16	A	B	C	D
17	A	B	C	D
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44	A	B	C	D
45	A	B	C	D
46	A	B	C	D
47	A	B	C	D
48	A	B	C	D
49	A	B	C	D
50	A	B	C	D