On May 18, 2015, the SOA announced:
The June syllabus has been changed in that the **Anderson-Darling test has been dropped**.
Thus in my practice exams, the following questions are no longer on the syllabus:
#2 Q.9, #16 Q.8, #18 Q.35.
In #14 Q.12, remove the reference to the Anderson-Darling test, but otherwise the question is still okay.

Exam 5, solution 16: StdDev[X] / E[X] = 5. $\Rightarrow$ StdDev[X] = (5)(2θ) = 10θ.

$Var[\hat{\theta}] = Var[k X] = k^2 Var[X] = k^2 (10\theta)^2 =$ **100** $k^2 \theta^2$.

MSE = Var + Bias^2. We are given that in this case: $MSE_{\hat{\theta}}(\theta) = 5\ bias_{\hat{\theta}}(\theta)^2$.

$\Rightarrow Var[\hat{\theta}] = 4\ Bias^2$.

$\Rightarrow 100\ k^2 \theta^2 = (4)\{\theta(2k - 1)\}^2. \Rightarrow 25k^2 = 4k^2 - 4k + 1 = 0. \Rightarrow 21k^2 + 4k - 1 = 0.$

$$\Rightarrow k = \frac{-4 \pm \sqrt{4^2 - (4)(21)(-1)}}{(2)(21)} = \frac{-2 \pm 5}{21}.$$

Since we are told that k > 0, k = 3/21 = **0.143**.

Exam 10, solution 3: $\pi(\beta) = \frac{4!}{2!\ 1!} (4\alpha)^{\mathbf{2}} (1 - 4\alpha)^{2-1} / \alpha =$ **192**$(\alpha^2 - 4\alpha^3)$, $0 < \alpha < 1/4$.

Final solution is OK.

Exam 10, solution 5: $(1.960/0.1)^2$ (**0.1219 / 0.09** + 7.070 million / 1222^2) = 2339 claims.
Thus the standard for full credibility in terms of exposures is:
2339 / μ_{freq} = 2339 / 0.090 = **25,989 exposures**.
This is choice **B**.