

#Online-Live Classes+Backup

#Offline Classroom Coaching

#Recorded Video Lectures

#Postal Study Materials-DLP

#Online Test Series

#Short-Term Crash Course

GA - General Aptitude

Q1 - Q5 carry one mark each.

Q.No. 1 The untimely loss of life is a cause of serious global concern as thousands of people get killed ____ accidents every year while many other die ____ diseases like cardio vascular disease, cancer, etc.

- (A) in, of
- (B) from, of
- (C) during, from
- (D) from, from

Q.No. 2 He was not only accused of theft ____ of conspiracy.

- (A) rather
- (B) but also
- (C) but even
- (D) rather than

Q.No. 3 Select the word that fits the analogy:

Explicit: Implicit :: Express: _____

- (A) Impress
- (B) Repress
- (C) Compress
- (D) Suppress

Q.No. 4 The Canadian constitution requires that equal importance be given to English and French. Last year, Air Canada lost a lawsuit, and had to pay a six-figure fine to a French-speaking couple after they filed complaints about formal in-flight announcements in English lasting 15 seconds, as opposed to informal 5 second messages in French.

The French-speaking couple were upset at _____.

- (A) the in-flight announcements being made in English.
- (B) the English announcements being clearer than the French ones.
- (C) the English announcements being longer than the French ones.
- (D) equal importance being given to English and French.

Q.No. 5 A superadditive function $f(\cdot)$ satisfies the following property

$$f(x_1 + x_2) \geq f(x_1) + f(x_2)$$

Which of the following functions is a superadditive function for $x > 1$?

- (A) e^x
- (B) \sqrt{x}
- (C) $1/x$
- (D) e^{-x}

Q6 - Q10 carry two marks each.

Q.No. 6 The global financial crisis in 2008 is considered to be the most serious world-wide financial crisis, which started with the sub-prime lending crisis in USA in 2007. The sub-prime lending crisis led to the banking crisis in 2008 with the collapse of Lehman Brothers in 2008. The sub-prime lending refers to the provision of loans to those borrowers who may have difficulties in repaying loans, and it arises because of excess liquidity following the East Asian crisis.

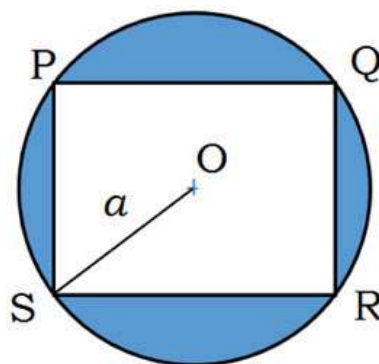
Which one of the following sequences shows the correct precedence as per the given passage?

- (A) East Asian crisis → subprime lending crisis → banking crisis → global financial crisis.
- (B) Subprime lending crisis → global financial crisis → banking crisis → East Asian crisis.
- (C) Banking crisis → subprime lending crisis → global financial crisis → East Asian crisis.
- (D) Global financial crisis → East Asian crisis → banking crisis → subprime lending crisis.

Q.No. 7 It is quarter past three in your watch. The angle between the hour hand and the minute hand is _____.

- (A) 0°
- (B) 7.5°
- (C) 15°
- (D) 22.5°

Q.No. 8 A circle with centre O is shown in the figure. A rectangle PQRS of maximum possible area is inscribed in the circle. If the radius of the circle is a , then the area of the shaded portion is _____.



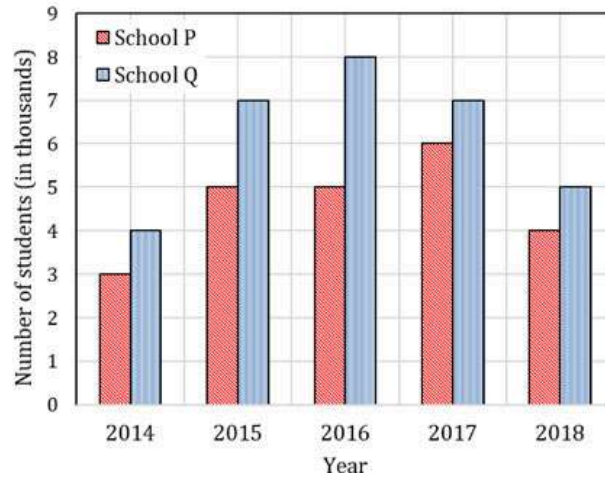
- (A) $\pi a^2 - a^2$
- (B) $\pi a^2 - \sqrt{2}a^2$
- (C) $\pi a^2 - 2a^2$
- (D) $\pi a^2 - 3a^2$

Q.No. 9 a, b, c are real numbers. The quadratic equation $ax^2 - bx + c = 0$ has equal roots, which is β , then

- (A) $\beta = b/a$

- (B) $\beta^2 = ac$
- (C) $\beta^3 = bc/(2a^2)$
- (D) $b^2 \neq 4ac$

Q.No. 10 The following figure shows the data of students enrolled in 5 years (2014 to 2018) for two schools P and Q. During this period, the ratio of the average number of the students enrolled in school P to the average of the difference of the number of students enrolled in schools P and Q is _____.



- (A) 8 : 23
- (B) 23 : 8
- (C) 23 : 31
- (D) 31 : 23

