ME1: Mechanical Engineering

GA - General Aptitude

**Q1 - Q5 carry one mark each.**

Q.No. 1 He is known for his unscrupulous ways. He always sheds ____ tears to deceive people.

(A) fox's  
(B) crocodile’s  
(C) crocodile  
(D) fox

Q.No. 2 Jofra Archer, the England fast bowler, is ____ than accurate.

(A) more fast  
(B) faster  
(C) less fast  
(D) more faster

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

Build : Building :: Grow : ____

(A) Grown  
(B) Grew  
(C) Growth  
(D) Growed

Q.No. 4 I do not think you know the case well enough to have opinions. Having said that, I agree with your other point.

What does the phrase “having said that” mean in the given text?

(A) as opposed to what I have said  
(B) despite what I have said  
(C) in addition to what I have said  
(D) contrary to what I have said

Q.No. 5 Define \([x]\) as the greatest integer less than or equal to \(x\), for each \(x \in (-\infty, \infty)\). If \(y = [x]\), then area under \(y\) for \(x \in [1,4]\) is ____.

(A) 1  
(B) 3  
(C) 4  
(D) 6

**Q6 - Q10 carry two marks each.**

Q.No. 6 Crowd funding deals with mobilisation of funds for a project from a large number of people, who would be willing to invest smaller amounts through web-based platforms in the project.

Based on the above paragraph, which of the following is correct about crowd funding?

(A) Funds raised through unwilling contributions on web-based platforms.  
(B) Funds raised through large contributions on web-based platforms.  
(C) Funds raised through coerced contributions on web-based platforms.  
(D) Funds raised through voluntary contributions on web-based platforms.

Q.No. 7 P, Q, R and S are to be uniquely coded using \(\alpha\) and \(\beta\). If \(P\) is coded as \(\alpha\alpha\) and \(Q\) as \(\alpha\beta\), then \(R\) and \(S\), respectively, can be coded as ____.

(A) \(\beta\alpha\) and \(\alpha\beta\)  
(B) \(\beta\beta\) and \(\alpha\alpha\)  
(C) \(\alpha\beta\) and \(\beta\beta\)