ME2: Mechanical Engineering

GA - General Aptitude

Q1 - Q5 carry one mark each.

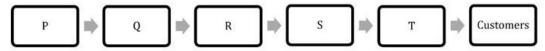
- Q.No. 1 While I agree his proposal this time, I do not often agree him.
- (A) to, with
- (B) with, to
- (c) with, with
- (D) to, to
- Q.No. 2 The recent measures to improve the output would_____the level of production to our satisfaction.
- (A) increase
- (B) decrease
- (c) speed
- (D) equalise
- Q.No. 3 Select the word that fits the analogy:

White: Whitening : : Light:

- (A) Lightning
- (B) Lightening
- (c) Lighting
- (D) Enlightening
- Q.No. 4 In one of the greatest innings ever seen in 142 years of Test history, Ben Stokes upped the tempo in a five-and-a-half hour long stay of 219 balls including 11 fours and 8 sixes that saw him finish on a 135 not out as England squared the five-match series.

Based on their connotations in the given passage, which one of the following meanings DOES NOT match?

- (A) upped = increased
- (B) squared = lost
- (c) tempo = enthusiasm
- (D) saw = resulted in
- Q.No. 5 There are five levels {P, Q, R, S, T} in a linear supply chain before a product reaches customers, as shown in the figure.



At each of the five levels, the price of the product is increased by 25%. If the product is produced at level P at the cost of Rs. 120 per unit, what is the price paid (in rupees) by the customers?

- (A) 187.50
- (B) 234.38
- (c) 292.96
- (D) 366.21

Q6 - Q10 carry two marks each.

Q.No. 6 Climate change and resilience deal with two aspects – reduction of sources of nonrenewable energy resources and reducing vulnerability of climate change aspects. The terms 'mitigation' and 'adaptation' are used to refer to these aspects, respectively.

Which of the following assertions is best supported by the above information?