



Previous Year Question Paper
of

G.A.T.E. (XL) 2016

LIFE SCIENCES

GA: General Aptitude

Examination

(Original Question Paper with Answer Key)

GRADUATE APTITUDE TEST IN ENGINEERING



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Q. 1 – Q. 5 carry one mark each.

Q.1 The chairman requested the aggrieved shareholders to _____ him.

- (A) bare with (B) bore with (C) bear with (D) bare

Ans. C

Q.2 Identify the correct spelling out of the given options:

- (A) Managable (B) Manageable (C) Mangaible (D) Managible

Ans. B

Q.3 Pick the odd one out in the following:

13, 23, 33, 43, 53

- (A) 23 (B) 33 (C) 43 (D) 53

Ans. B

Q.4 R2D2 is a robot. R2D2 can repair aeroplanes. No other robot can repair aeroplanes.

Which of the following can be logically inferred from the above statements?

- (A) R2D2 is a robot which can only repair aeroplanes.
(B) R2D2 is the only robot which can repair aeroplanes.
(C) R2D2 is a robot which can repair only aeroplanes.
(D) Only R2D2 is a robot.

Ans. B

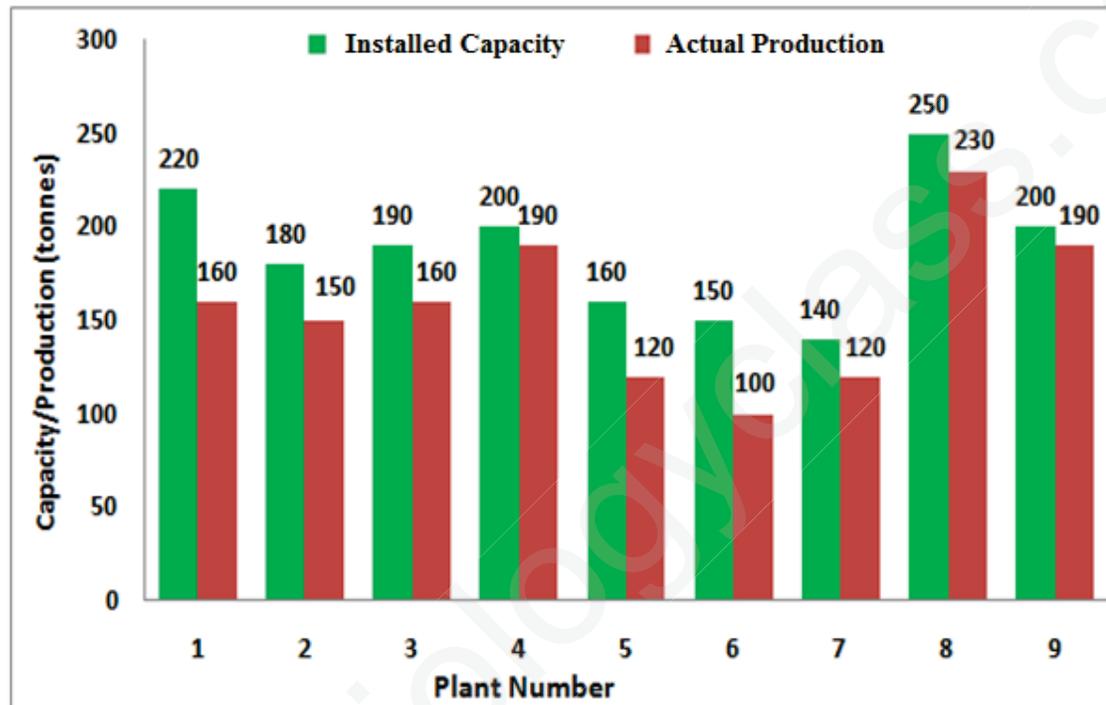
Q.5 If $|9y-6|=3$, then $y^2 - 4y/3$ is _____.

- (A) 0 (B) +1/3 (C) -1/3 (D) undefined

Ans. C

Q. 6 – Q. 10 carry two marks each.

Q.6 The following graph represents the installed capacity for cement production (in tonnes) and the actual production (in tonnes) of nine cement plants of a cement company. Capacity utilization of a plant is defined as ratio of actual production of cement to installed capacity. A plant with installed capacity of at least 200 tonnes is called a large plant and a plant with lesser capacity is called a small plant. The difference between total production of large plants and small plants, in tonnes is _____.



Ans. 120.0 : 120.0

Q.7 A poll of students appearing for masters in engineering indicated that 60 % of the students believed that mechanical engineering is a profession unsuitable for women. A research study on women with masters or higher degrees in mechanical engineering found that 99 % of such women were successful in their professions.

Which of the following can be logically inferred from the above paragraph?

- (A) Many students have misconceptions regarding various engineering disciplines.
- (B) Men with advanced degrees in mechanical engineering believe women are well suited to be mechanical engineers.
- (C) Mechanical engineering is a profession well suited for women with masters or higher degrees in mechanical engineering.
- (D) The number of women pursuing higher degrees in mechanical engineering is small.

Ans. C

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