

General Aptitude (GA)

Q.1 – Q.5 Carry ONE mark Each

Q.1	If ‘→’ denotes increasing order of intensity, then the meaning of the words [drizzle → rain → downpour] is analogous to [_____ → quarrel → feud]. Which one of the given options is appropriate to fill the blank?
(A)	bicker
(B)	bog
(C)	dither
(D)	dodge

Q.2	Statements: 1. All heroes are winners. 2. All winners are lucky people. Inferences: I. All lucky people are heroes. II. Some lucky people are heroes. III. Some winners are heroes. Which of the above inferences can be logically deduced from statements 1 and 2?
(A)	Only I and II
(B)	Only II and III
(C)	Only I and III
(D)	Only III

Q.3	A student was supposed to multiply a positive real number p with another positive real number q . Instead, the student divided p by q . If the percentage error in the student's answer is 80%, the value of q is
(A)	5
(B)	$\sqrt{2}$
(C)	2
(D)	$\sqrt{5}$
Q.4	If the sum of the first 20 consecutive positive odd numbers is divided by 20^2 , the result is
(A)	1
(B)	20
(C)	2
(D)	$1/2$

Q.5	The ratio of the number of girls to boys in class VIII is the same as the ratio of the number of boys to girls in class IX. The total number of students (boys and girls) in classes VIII and IX is 450 and 360, respectively. If the number of girls in classes VIII and IX is the same, then the number of girls in each class is
(A)	150
(B)	200
(C)	250
(D)	175

Q.6 – Q.10 Carry TWO marks Each

Q.6	In the given text, the blanks are numbered (i)–(iv). Select the best match for all the blanks. Yoko Roi stands _____ (i) _____ as an author for standing _____ (ii) _____ as an honorary fellow, after she stood _____ (iii) _____ her writings that stand _____ (iv) _____ the freedom of speech.
(A)	(i) out (ii) down (iii) in (iv) for
(B)	(i) down (ii) out (iii) by (iv) in
(C)	(i) down (ii) out (iii) for (iv) in
(D)	(i) out (ii) down (iii) by (iv) for

Q.13	A discrete-time sequence is given by $x[n] = [1, 2, 3, 4]$ for $0 \leq n \leq 3$. The zero lag auto-correlation value of $x[n]$ is
(A)	1
(B)	10
(C)	20
(D)	30

