

GAT-C Agriculture, Veterinary, Biological & Related Science Quantitative

Sr	Questions	Answers Choice
1	<p>Companies in the country of Jilsan sell transistor radios in the country of Kabana at a price that is below what it costs Kabanian companies to produce them. To help those Kabanian companies, the Kabanian legislature plans to set a minimum selling price for transistor radios imported into Kabana from Jilsan that is twelve percent greater than the average production costs for companies in Kabana.</p> <p>Q: Which of the following, if true, most seriously threatens the success of the plan?</p>	<p>A. The annual rate of inflation in Jilsan is expected to exceed twelve percent within the next year</p> <p>B. Kabana is not the only country where Jilsan manufacturers currently sell transistor radios</p> <p>C. Some Kabanian companies that sell transistor radios have announced that they plan to decrease their price for transistor radios</p> <p style="color: green;">D. Emerging companies in countries other than Jilsan will be able to sell transistor radios in Kabana at a price below what it costs Kabanian companies to manufacture them</p>
2	<p>Direction: In the following type of question, each consists of two quantities, one in column A and one in column B. You must compare two quantities and on the answer sheet fill in.</p> <p>A. If the quantity in column A is greater. B. If the quantity in column B is greater. C. If the two quantities are equal. D. If the relationship cannot be determined from the information given.</p> <p>Notes: Sometimes, in certain question, information concerning one or both the quantities to be compared is centered above the two columns. A symbol that in both columns represents the same thing in column A as it does in column B.</p> <p>Column A 0</p> <p>Column B p</p> <p>$1/p < 1$</p>	<p style="color: green;">A. A B. B C. C D. D</p>
3	<p>Question Image <input style="width: 100%; height: 20px;" type="text"/></p>	<p style="color: green;">A. 50 B. 20 C. 35 D. 10</p>
4	<p>if $5/x$, $8/x$ and $13/x$ are all in lowest terms. Then how many integers, x between 30 and 40 ?</p>	<p style="color: green;">A. 5 B. 1 C. 2 D. 3</p>
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- A. A
- B. B
- C. C
- D. D

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Column A

$0/\sqrt{8}$

Column B

1

7	If $x > y$, then $(x - y)(x + y)$ is :	<ul style="list-style-type: none"> A. equal to ($x < y$) B. less than ($x < y$) C. greater than ($x < y$) D. options A and C
8	An oil burner in a housing development burns 76 gallons of fuel oil per hour. At 9 A.M on a very cold day, the superintendent asks the housing manager to put in an emergency order for more fuel oil. At that time, he reports that he has on hand 266 gallons. At noon, he again comes to the manager, notifying him that no oil has been delivered. The maximum amount of time that he can continue to furnish heat without receiving more oil is	<ul style="list-style-type: none"> A. 1/2 hr B. 1 hr C. 1 1/2 hr D. 2 hr
9	The average income of a family of 6 members is Rs. 5000. The income of two of them is Rs. 12000. What is income of the remaining 3 persons?	<ul style="list-style-type: none"> A. 120000 B. 90000 C. 5000 D. 18000
10	<p>In a psychological experiment conducted at South Bay University, groups of men with various levels of education read stories in which people caused harm, some of them doing so intentionally, and some accidentally. When asked about appropriate penalization for those who had caused harm, the less educated men, unlike the educated ones, assigned punishments that did not vary according to whether the harm was done intentionally or accidentally. Uneducated men, then, do not regard people's intentions as relevant to penalization.</p> <p>Q: Which of the following, if true, would most seriously weaken the conclusion above?</p>	<ul style="list-style-type: none"> A. In these stories, the severity of the harm produced was clearly stated B. In interpreting these stories, the listeners had to draw on a relatively feminine sense of human psychology in order to tell whether harm was produced intentionally or accidentally C. Relatively uneducated men are as likely to produce harm unintentionally as are more educated men D. The more educated men assigned penalization in a way that closely resembled the way women had assign penalization in a similar experiment
11	If $xy > 0$ and $x < 0$, which of the following negative ?	<ul style="list-style-type: none"> A. $-x$ B. $-y$ C. y D. xy
12	Question Image	<ul style="list-style-type: none"> A. $20\sqrt{3}$ B. $70\sqrt{3}$ C. $100\sqrt{3}$ D. $110\sqrt{3}$
13	<p>Zahid has refused to work hard for the exam preparation; therefore, no more pocket money from his father should be provided to him.</p> <p>Q: Which of the following is an assumption made in the argument above?</p>	<ul style="list-style-type: none"> A. Zahid is a dull student B. Pocket money of his brother Abid is more C. Money has no importance in Zahid's life D. Zahid is a greedy boy, and demand more money from his father
14	Question Image	<ul style="list-style-type: none"> A. 24 B. 30 C. 35 D. 36
15	<p>Many community colleges suffer declining enrollments during periods of economic recession. At government retraining programs, which are not provided free of charge, enrollment figures boom during these periods when many people have less money and there is more competition for jobs.</p>	<ul style="list-style-type: none"> A. During periods of economic Slowdown, government retraining programs are more likely those community colleges to prepare their students for the jobs that are still available. B. During periods of economic prosperity, graduates of government retraining programs often continue their studies in community colleges.

Q: Each of the following, if true, helps to explain the enrollment increases in government retraining programs above EXCEPT:

C. Tuition at most government retraining programs is a fraction of that at community colleges
D. Government retraining programs devote more resources than do other colleges to attracting those students especially affected by economic slowdowns.

16

Question Image

- A. 30
- B. 45
- C. 40
- D. 35

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17

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- A. A
- B. B
- C. C
- D. D

Column A

$5 \nabla 4$

Column B

$1/2 \nabla 2/5$

$x \nabla y = x/y + y/x$

18

Question Image

- A. $\pi^2(r^2 - R^2)$
- B. $\pi r^2 + \pi R^2$
- C. $\pi^2(R + r)(R - r)$
- D. $\pi(R + r)(R - r)$

19

What is the smallest number which when subtracted from 1.00060219 gives a perfect square number ?

- A. 0.00210
- B. 210
- C. 0.00000210
- D. 0.210

20

Ali purchased some goldfish. During the first week, 1/5 of them died, and during the second week, 3/8 of those still alive at the end of the first week died. What is the fraction of the original goldfish still alive after two weeks ?

- A. 1/2
- B. 3/2
- C. 5/2
- D. 4/3