GAT-B Arts, Humanities & Social Science Quantitative

Sr	Questions	Answers Choice
1	Question Image	A. 400 B. 375 C. 600 D. 800
2	The average of x,y,z and 40 is 10. What is the average of x,y and z.	A. 10 B. 0 C. 2 D. 15
3	How many odd numbers of three digits each can be formed from the digits 2, 4, 6, and 7 if repetition of digits is permitted?	A. 6 B. 27 C. 24 D. 16
4	One sixth of a day is what part of the time between 3 p.m. Monday and 3 p.m Thursday of the same week?	A. 1/10 B. 1/18 C. 1/15 D. 1/12
5	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	A. 1/2 hr B. 1 hr C. 1 1/2 hr D. 2 hr
6	In figure 2, what is the perimeter of ΔBED ?	A. 3 + √93 B. 11 C. 11 + √97 D. 81
7	A rectangular field which is 10 times as long as its breadth has an area of 75690 sq m. What is its perimeter ?	A. 275 m B. 2750 m C. 1914 m D. 191 m
8	The greatest number which exactly divides 1155 and 735 is:	A. 25 B. 5 C. 15 D. 105
9	What percent of p is q ?	A. q/p B. p/q C. 100q/p D. 100p/q
10	Question Image	A. 125 sq.cm B. 150.72 sq.cm C. 64 sq.cm D. 56 sq.cm
11	Win/Loss ratio for two teams are A,5 : 2 and B, 7 : 3 which team has the better record ?	A. A B. B C. both A and B D. wrong question
12	Question Image	A. 81 + 81 √3 B. 18 + 18 √3 C. 12(1 + 2√3) D. 12 + 12√3
13	If a + b = 8, b + c = 9, and c + a = 11, what is the average of a, b and c ?	A. 14/3 B. 28/3 C. 14/6 D. 7/3
14	Mr. Kashif got an average of 50 in 6 tests.What should he get in the next test to attain the average of 60?	A. 120 B. 60 C. 100 D. 70
15	Question Image	A. $\pi^2(r^2 - R^2)$ B. πr^2

		+ πR² → $+ \pi R^2$
		C. $\pi^2(R + r)(R - r)$
		D. $\pi(R + r)(R - r)$
16	If at - b = c - dt, what is the value of t in terms of a, b, c and d ?	A. b-c/a-d B. a/b C. c/d D. b+c/a+d
17	If the sum of one third of a number and twice the same number is 28, the number is:	A. 10 B. 12 C. 28 D. 14
18	Unreported underground industries get no productivity support from the government. On the other hand, some industries that are run entirely by self-employed industrialists are included in national productivity measures. Q: From the information given above, it can be validly concluded that	A. All self-employed industries are under ground B. Underground industries should be banned because of their low productivity C. there are at least some industries other than those run entirely by self-employed industrialists that are underground industries D. Underground industries should be merged in large industries
19	13 Years ago Shabbir mother was 7 times as old as he was. She is now 48 years old. How many years old is Shabbir now ?	A. 28 B. 18 C. 38 D. 20
20	At last month's symposium on the increasing air pollution affecting the Beaumont forest, most participating members favored uniform controls on the quality of exhaust fumes, whether or not specific environmental damage could be attributed to a particular source of fumes. What must, of course, be shown, in order to avoid excessively restrictive controls, is that _____ Q:Which of the following, best completes the passage below?	A. Any uniform controls that are adopted are likely to be implemented without delay B. Environmental damage already inflicted on the Beaumont forest is reversible C. The members favoring uniform controls are those representing bodies that generate the largest quantities of exhaust fumes D. Any substance to be made subject to controls can actually cause environmental damage