



GSFC UNIVERSITY
SCHOOL OF SCIENCE
Admission Common Test for BCA, 2023-24

Time: 30 Minutes

Total Marks: 30

Instructions:

- i. All questions are compulsory.
 - ii. All questions are Multiple Choice Questions.
 - iii. Each question Carries 1 Mark.
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1	Average age of a group of 30 boys is 16 years. A boy of age 19 leaves the group and a new boy joins the group. If the new average age of the group is 15.8 years, find the age of the new boy. a. 12 years b. 13 years c. 14 years d. 15 years
2	Which of the following numbers is divisible by 9? a. 67578 b. 56785 c. 45678 d. 65889
3	What is the unit digit in the product of $853 * 1346 * 452 * 226$? a. 4 b. 5 c. 6 d. 8
4	The sum of the ages of father and his son is 44 years. If 6 years after the father will be 3 times as old as his son, what are their present ages? a. 36, 8 b. 38, 6 c. 35, 9 d. 37, 7
5	The maximum value of $\sin \theta$ is



	<p>a. 1 b. 0.8 c. 0 d. 0.6</p>
6	<p>What is the median value of the sample 5, 5, 11, 9, 8, 5, 8?</p> <p>a. 5 b. 6 c. 8 d. 9</p>
7	<p>Balwant had 17 sheep. A storm in the village killed all but 7 sheep .How many was he left with?</p> <p>a. 10 b. 6 c. 7 d. 9</p>
8	<p>What is the smallest number of ducks that can swim in this formation- two ducks in front of a duck two ducks behind a duck and a duck between two ducks?</p> <p>a. 3 b. 5 c. 7 d. 9</p>
9	<p>What is the product of all the numbers in the dial of a telephone?</p> <p>a. 1,58,480 b. 1,59,450 c. 1,59,480 d. None of those</p>
10	<p>A group of 1200 persons consisting of captains and soldiers is travelling in a train. For every 15 soldiers there is one captain. The number of captains in the group is</p> <p>a. 85 b. 80 c. 75 d. 70</p>
11	<p>A student got twice as many sums wrong as he got right. If he attempted 48 sums in all, how many did he solve correctly</p> <p>a. 12 b. 16 c. 18 d. 24</p>
12	<p>Average of all observations in a set of data is known as</p> <p>a. Median b. Range c. Mean d. Mode</p>



13	<p>A month after colleges opened _____. Choose the correct sequence to complete the statement.</p> <p>A. 35% seats reserved under OBC B. in private colleges C. for the next academic year D. remain vacant</p> <p>a. CBDA b. CADB c. ADBC d. BADC</p>
14	<p>The water tanks may remain empty _____. Choose the correct sequence to complete the statement.</p> <p>A. on Tuesday evening B. in the city C. will repair the damaged water pipes D. as the water supply department</p> <p>a. BADC b. BACD c. DBAC d. ADCB</p>
15	<p>She lived ____ the expectations.</p> <p>a. as per b. up to c. on d. at</p>
16	<p>Tony, where are you? ____ up this tree.</p> <p>a. Here I am b. Here am I c. There I am d. There am I</p>
17	<p>If _____ I would not lose temper</p> <p>a. I were you b. I was you c. I am not you</p>



	d. I am you
18	The missing letter in the sequence b e h k n ? t is a. q b. m c. o d. p
19	Six times a number reduced by ten equals 50. What is the number? a. 8 b. 9 c. 10 d. 11
20	If NOIDA is written as OPJEB, then code for DELHI is _____ a. EFMAK b. EFAMK c. EFMIJ d. EFMIK
21	If PINK is coded as 1691411, then RED will be coded as a. 1963 b. 1854 c. 1853 d. 1954
22	Please, don't laugh _____ those beggars. a. for b. against c. at d. from
23	It is very expensive to afford, _____ she can afford it. a. yet b. but c. although d. and
24	Look at all those black clouds! It _____ today.



	<p>a. is going to rain b. is raining c. will be rain d. rains</p>
25	<p>A house with five family members has food sufficient for 60 days. After 25 days 20 guests visit their house. Find the number of days for which the remaining food can last?</p> <p>a. 7 days b. 8 days c. 9 days d. 10 days</p>
26	<p>Who was the first chief minister of Gujarat?</p> <p>a. Rajendra Prasad b. Keshubhai Patel c. Balwantraji Mehta d. Jivraj Narayan Mehta</p>
27	<p>The full-form of GPS is</p> <p>a. Global Prime System b. General Positioning System c. Giant Prime System d. Global Positioning System</p>
28	<p>Which of the following is celebrated as Gujarat State Formation Day?</p> <p>a. April 30 b. June 1 c. May 1 d. May 30</p>
29	<p>Which of the following causes Minamata disease?</p> <p>a. Lead b. Mercury c. Magnesium d. Methyl Chloride</p>
30	<p>The main use of salt in the diet is to</p> <p>a. make the taste of food better b. helps in digestion of food c. ease the process of cooking d. increase the solubility of food particles in water</p>

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Answer Key

1	b	2	d	3	c	4	a	5	a
6	c	7	c	8	a	9	d	10	c
11	b	12	c	13	c	14	d	15	b
16	a	17	a	18	a	19	c	20	c
21	b	22	c	23	a	24	a	25	a
26	d	27	d	28	c	29	b	30	b

SAMPLE QUESTION PAPER