



UNITED
UNIVERSITY

BCA ADMISSION TEST

INSTRUCTIONS

- The Entrance Test will be of 60 mins.
- The booklet has three Sections

Quantitative Aptitude	10 Questions	(10 X 1 = 10)
Reasoning	10 Questions	(10 X 1 = 10)
English	15 Questions	(15 X 1 = 15)
General Awareness	15 Questions	(15 X 1 = 15)
- All questions carry equal marks.
- For each correct answer 1 mark will be awarded. There is no negative marking.
- Answer to be given by ticking the correct option.
- Use ball pen or dot pen only.
- All the rough work should be done on the space provided in the booklet.

MM- 50

Time- 60 Mins

Details of the candidate

Name

Father's Name

Course Applied for

Quantitative Aptitude

Ques 1. Complete the series 7, 26, 63, 124, 215, 342?

- A. 481 B. 511 C. 391 D. 421

Ques 2. What smallest number should be subtracted from 9805 so that it is divisible by 8?

- A. 3 B. 4 C. 5 D. 7

Ques 3. A clock is set at 4am. It loses 16 minutes in 24 hours. What will be the correct time when the clock indicates 9pm on the 4th day?

- A. 8PM B. 7PM C. 10PM D. 11PM

Ques 4. A car running at a speed of 140 km/hr reached its destination in 2 hours. If the car wants to reach at its destination in 1 hour, at what speed it needs to travel?

- A. 300 km/hr B. 280 km/hr C. 250 km/hr D. 240 km/hr

Ques 5. A 60 litre mixture of milk and water contains 10% water. How much water must be added to make water 20% in the mixture?

- A. 8 litres B. 7 litres C. 7.5liters D. 6.5 litres

Ques 6. A train is moving at 120 km/hr. The length of the train is 150 meters. How long it will take to cross a platform of length 100 meters?

- A. 10 s B. 7.5 s C. 20 s D. 25 s

Ques 7. A: B: C is in the ratio of 3: 2: 5. How much money will C get out of Rs 1260?

- A. 252 B. 125 C. 503 D. None of these

Ques 8. The ratio of the salary of A and B, one year ago is 3: 2. The ratio of original salary to the increased salary of A is 2: 3 and that of B is 3: 4. The total present salary of A and B together is Rs. 21500. Find the salary of B.

- A. 6000 B. 7000 C. 8000 D. 9000

Ques 9. Passing marks in an examination are 40%. If a candidate gets 65 marks and fails by 15 marks, the maximum marks in the examination are?

- A. 200 B. 220 C. 300 D. 250

Ques 10. 30% of a number when subtracted from 91, gives the number itself. Find the number.

- A. 60 B. 65 C. 75 D. 70
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Reasoning

Ques 1. What are the missing numbers in this series, 15, 20, 24, 15, 28, 32, 15, _ , _ , 15?

- A. 37, 41 B. 36, 40 C. 38, 42 D. 40, 44

Ques 2. What is the next term in the series : 25, 34, 52, 79, 115, ?

- A. 160 B. 140 C. 153 D. 190

Ques 3. In a certain code, TREE is written as UQFD. How is LEAF written in that code?

- A. MFBG B. KDZE C. MDBE D. MBZE

Ques 4. Which word does NOT belong to the others?

- A. Violin B. Guitar C. Flute D. Mandolin

Ques 5. Which word does NOT belong to the others?

- A. Eye B. Heart C. Ear D. Kidney

Ques 6. 20 : 11 :: 102 : ?

- A. 49 B. 52 C. 61 D. 98

Ques 7. Look at the series, 46, 44, 40, 38, 34, _ , which number should come next?

- A. 30 B. 36 C. 31 D. 32

Ques 8. In a certain code, TRIPPLE is written as SQHOOKD. How is DISPOSE written in that code?

- A. CHRONRD B. DSOESPI C. ESJTPTF D. ESOPSID

Ques 9. Pointing to a photograph of a man, Pooja said, "He is the only son of the mother of my sister's brother." How is that person related to Pooja?

- A. Father B. Maternal Uncle C. Cousin D. None of these

Ques 10. Sunil is the brother of Anil. Anil is the son of Sohan. Meena is Sohan's mother. How is Sunil related to Meena?

- A. Son B. Grandson C. Brother D. Grand Father
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English

FILL IN THE BLANKS

Choose the most appropriate word to fill the blank

Ques 1. Water is made up of two _____ , namely oxygen and hydrogen

- A. Section B. Aspects C. Solutions D. Elements

Ques 2. The ship _____, Robinson arrived on the Island.

- A. had been broken B. Having been broken
C. having broken D. Has broken

Ques 3. Fate smiles those who untiringly grapple with stark realities of life.

- A. with B. Over C. On D. round

Ques 4. I usually have bread and butter for breakfast, but yesterday I _____ pasta

- A. Have been B. Had been C. Have D. Had

Ques 5. We were _____ from seeing the prisoner.

- A. Affected B. Prevented C. Punished D. Inhibited

Ques 6. It is desirable to take _____ in any business if you want to make profit.

- A. Advice B. Risk C. Perseverance D. loan

SENTENCE IMPROVEMENT

Select the appropriate option to substitute the underline segment in give sentences

Select No Improvement if no substitution is required.

Ques 7. The greatest thing in style is to have a use of metaphor.

- A. Knowledge B. Command C. Need D. No Improvement

Ques 8. I would have waited for you at the station if I knew that you would come.

- A. Was knowing B. Had Known C. Have known D. No Improvement

Ques 9. I walked away as calmly as I could, or else they thought I was the thief.

1. In case 2. Otherwise 3. Failing which 4. No Improvement

ONE WORD SUBSTITUTION

Ques 10. Extreme old age when a man behaves like a fool

- A. Imbecility B. Senility C. Dotage D. Superannuation

Ques 11. A person who knows many foreign languages

- A. Linguist B. Grammarian C. Polyglot D. Bilingual

Ques 12. A word no longer in use.

- A. extant B. nervous C. Obsolete D . out dated

Select the most appropriate meaning of IDIOMS.(9 – 10)

Ques 13. To cry wolf

- A. To listen eagerly B. To give false alarm C. To turn pale D. To keep off starvation

Ques 14. Bread and butter

- A. One's income B. One's basic meal C. Very easy D. To dislike

Ques 15. A load of cobblers

- A. Rubbish B. Secret C. Very Famous D. Very Difficult

General Awareness

Ques 1. Mount Everest is located in?

- A. India B. Nepal C. Tibet D. China

Ques 2. Who wrote Discovery of India?

- A. Mahatma Gandhi B. Sardar Vallabhbhai Patel C. Indira Gandhi D. Jawaharlal Nehru

Ques 3. Which of the following known as a diamond city of India?

- A. Surat B. Panna C. Mumbai D. Jaipur

Ques 4. Who was the first Indian women awardee of "Bharat Ratna"?

- A. Sushma Swaraj B. Indra Gandhi C. Sarojni Naidu D. Pratima Puri

Ques 5. The first mechanical computer designed by Charles Babbage was called?

- A. Abacus B. Analytical Engine C. Calculator D. Processor

Ques 6. Which of the following is the most powerful type of computer?

- A. Super "micro" B. Super conductor C. Super computer D. Mega frame

Ques 7. Web Page is saved in which of the following format?

- A. http:// B. HTML C. Doc D. URL

Ques 8. Which of the following is not the search engine?

- A. Bing B. Yahoo C. Ask D. Safari

Ques 9. If a computer provides database services to other, then it will be known as?

- A. Web serve B. Application server C. Database server D. FTP server

Ques 10. Which key is used in combination with another key to perform a special task??

- A. Function B. Arrow C. Control D. Spacebar

Ques 11. CD-ROM is a kind of?

- A. Optical disk B. Magnetic disk C. Magneto-Optical disk D. None of these

Ques 12. Which of the following is not a web browser?

- A. MOSAIC B. WWW C. Netscape Navigator D. Facebook

Ques 13. Which of the following is NOT operating system?

- A. Window NT B. Java C. Dos D. Unix

Ques 14. Check the odd term out?

- A. Internet B. Linux C. Unix D. Windows

Ques 15. Which among the following is a search engine?

- A. Google B. Flash
C. Firefox D. Internet Explorer