Common Entrance Test

The candidates seeking admission to the Bachelor of Computer Applications (BCA) programme of **YCMOU** University (Either in first year or directly in second year) will have to appear for the Common Entrance Test conducted by the university and get the qualifying marks in it.

The Common Entrance Test will be conducted online and will have the duration of 50 minutes. The test consists of 50 multiple choice questions, carrying maximum of 100 marks (each question 2 Marks). Candidate must obtain a minimum of 40 marks for becoming qualified for BCA admission. The candidate will have choice to take Mock test before appearing for CET.

Nature and Composition of CET:

- All the questions are 'multiple choice' type, having four options.
- The candidate has to 'select' most correct option as the correct answer.
- No negative marking for wrong answer.
- The test consists of the following sections.

Schedule of Common Entrance Test: Schedule will be declared by separate notification by the University. Students are requested to see YCMOU website for the same.

Sr. No.	Section	Details	No. of Questions and Marks
1	Basic knowledge of Computer/IT	Input output devices, Components of a Computer System, Basic of Operating System, Software Applications, Internet basics, HTML, Social media, Networking fundamentals (LAN, WAN, Wi-Fi), Email, Web browsers, Office applications	20 Questions 40 Marks
2	Numerical Ability	Computational, Linear equation, Polynomials, Metrics, Determinants, Set Theory, Ratios and Proportion, Profit and Loss, Simple and Compound interest	10 Questions 20 Marks
3	Logical Reasoning	Patterns, sequences, Blood Relation, Mirror image, Logical deduction.	10 Questions 20 Marks
4	General Aptitude and English Communication	Language skills (Vocabulary, Grammar, Reading comprehension), Current Affairs, General knowledge, Mental ability	10 Questions 20 Marks

To prepare effectively for the CET, you can refer to various books and online resources. List of some reference books and digital resources are given below:

Reference Books:

- Computer Fundamentals" by P.K. Sinha
- Quantitative Aptitude for Competitive Examinations" by R.S. Aggarwal
- A Modern Approach to Verbal & Non-Verbal Reasoning" by R.S. Aggarwal
- Objective General English" by S.P. Bakshi
- High School English Grammar - Wren and Martin for Grammar
- Class XI & XII Mathematics by R.D. Sharma, etc.

Websites:

- ww.indiabix.com
- www.geeksforgeeks.org
- www.tutorialspoint.com
- www.sanfoundry.com

Sample Questions:

Q 1. Which of the following is an input device?

(A) Monitor (B) Printer (C) Keyboard (D) Speaker

Q 2, Which software would you use to create a document?

(A) MS Word (B) MS Excel (C) MS PowerPoint (D) MS Access

Q 3. CPU stands for --------

(A) Central Process Unit (B) Central Processing Unit

(C) Control Processing Unit (D) Central Power Unit

Q 4.Which is the number, which when squared and added to 12 becomes 7 times its value?

(A) 2 (B) 3 (C) 5 (D) 6

Q 5. Rama and Krishna hire a pasture for Rs.260. Rama puts 20 cows for 3 months and Krishna puts 35 cows for 2 months. The amount to be paid by Rama will be -

(A) Rs.100 (B) Rs.115 (C) Rs.120 (D) Rs.140

Q 6. Find the next number in the sequence: 2, 6, 12, 20, ___

(A) 28 (B) 30 (C) 32 (D) 34

Q 7. Eight friends Ajay, Vikas, Ronak, Amit, Gaurav, Nikhil, Neeraj and Sagar are sitting in a circular table for having their dinner. Amit is sitting between Ajay and Gaurav. Aurav is sitting second to the right of Nikhil. Vikas is sitting between Ronak and Neeraj. 4) Nikhil is sitting between Neeraj and Sagar. Who is sitting between Ronak and Amit?

(A) Ajay (B) Vikas (C) Neeraj (D) Sagar

Q 8. In a certain code, 'BEAT' is written as 'YVZG'. How is 'MILD' written in that code?

(A) NROF (B) ORNF (C) NRMF (D) ONRF

Q 9. Choose the word which is most nearly the same in meaning to "ADHERE":

(A) Separate (B) Stick (C) Ignore (D) Quit

Q 10. Who is known as the 'Father of the Indian Constitution'?

(A) Mahatma Gandhi (B) Jawaharlal Nehru (C) Dr. B.R. Ambedkar (D) Sardar Vallabhbhai Patel