



Beaconhouse National University
SCHOOL OF COMPUTER AND IT

SAMPLE FOR ADMISSION TEST 2024

- BSc (Hons) in Management & Business Computing

Name :

Signature

Applicant ID.

____ July 2024

IMPORTANT INFORMATION FOR CANDIDATES

1. The objective of the Admission Test is to determine the aptitude of candidates for **BSc (Hons) in Management & Business Computing**. For those who qualify the test, the merit for admission will be determined on the basis of their previous academic record.
2. The Test consists of two sections i.e. Section I (IQ & General Knowledge) and Section II (Mathematics). The test is structured as **Multiple-Choice questions** and you have to record the correct answer on the provided answer sheet.
3. The duration of the Test is **1 hour 30 min** divided as follows: Section I (**55 min**) and Section II (**35 min**).
4. Candidates should note the following instructions for taking the Test:
 - a. Read each question carefully before answering it. Work out the solution and record your answer on the Answer Sheet against the question number. **Answers written on Test Booklet will not be accepted.** Use the blank pages/margins of the Test Booklet for rough work.
 - b. All answers should be written with ball pen. Answers written with lead pencil will not be accepted.
 - c. If you finish answering questions in a section before the allowed time, check your work on the attempted section only. **Do not refer to the other section of the Test. Failure to follow this instruction will result in your disqualification.**
 - d. There is no negative marking i.e. no mark will be deducted for a wrong answer or for not answering a question.
 - e. Use of **calculators is allowed**. Mobile phones must be switched off during the test. Do not bring anything to the test center except the **Admit Slip** and **Pens/Ball pens** and a **Calculator**

SYLLABUS FOR ADMISSION TEST

SECTION I – IQ/GEN. KNOWLEDGE (55 min, 50 questions, 50 marks)

Test of logical reasoning, understanding relationship between sets of words and figures, Sequences of numbers and alphabets, Puzzles and problem solving.

General Knowledge about history, geography, everyday science and current affairs.

SECTION II Mathematics (35 min, 20 questions, 20 marks)

Fractions, Decimals, Ratio and proportion, Word problems, Percentages, Basic algebra

SECTION I (IQ/GENERAL KNOWLEDGE)

No. of Questions: 50

Time Allowed: 55 minutes

The Sample contains 30 questions only

1. What comes next in the series?

2 1 0.5 0.25 ?

Options

2. What number is next in the series?

21 13 21 17 21 21

21 ?

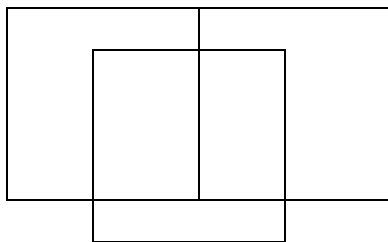
Options

3. Which figure is next in the sequence?



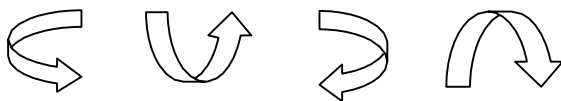
Options

4. How many squares and rectangles are in the figure below?



Options

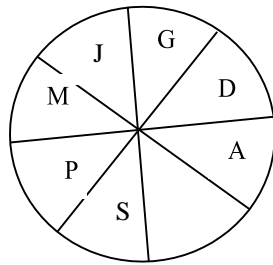
5. What is the next figure in the sequence?



Options

1 1 1 1 1 1 1

6. Find the missing alphabet :

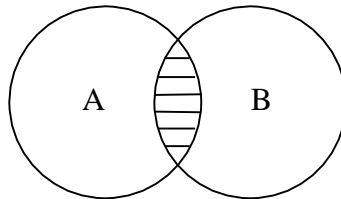


Options

7. A cheque has the amount written on it as “**Rupees One Ninety Nine Thousand Nine Only**” Write this amount in numbers.

Options

8. In the figure below, if circle A is VARIABLE and circle B is VENTURE, what is the shaded area?



Options

9. Complete the analogy

Zoo is to animals as Aquarium is to_____.

Options

10. What is greater: one-half of $\frac{1}{3}$ OR one-third of $\frac{1}{2}$?

Options

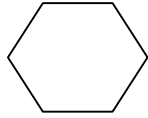
11. Which one of these words comes first in a dictionary: PIECE, PEACE or PIERCE?

Options

12. Which is the odd one out?
Cycling, Fencing, Boxing, Wrestling, Hockey

Options

13. What is the figure shown below called?



Options

14. Majid runs faster than Saleem, Jamil runs faster than Majid, Haroon runs faster than Saleem. Who runs the fastest??

Options

15. If 17th June is a Monday, what day it will be on 17th July?

Options

16. What is measured by a BAROMETER?

Options

17. Who was Galileo?

Options

18. Which country's cricket team is called PROTEAS?

Options

19. What does the acronym SNGPL stands for?

Options

20. The highest civil award of Pakistan is **Nishan i Pakistan**, what is the second highest civil award of Pakistan?

Options

21. Sun consists of 70% of which gas?

Options

22. International youth day is observed every year on ?

Options

23. Which game is called 'Game of Kings' ?

Options

24. For how many years, the United states stayed in Afghanistan?

Options

25. The term **double fault** is associated with which game?

Options

26. How many time Australia won the cricket world cup?

Options

27. The Angel who delivered messages to Prophet Muhammad (PBUH) from Allah was?

Options

28. Which country is called the "Land of Prophets"?

Options

29. Which surah starts without "Bismillah" in Quran?

Options

30. What does NADRA stand for in Pakistan?

Options

1 1 1 1 1 1 1

END OF SECTION I

Do not turn to the next section until you are asked to do so.

Section II (Mathematics)**No. of Questions: 20****Time Allowed: 35 min**

1. Simplify the expression: $3(4+2) - 5$

Options

2. What is 25% of 80?

Options

3. What is the mean of the values 4, 8, 10, and 2?

Options

4. Solve for x : $3x - 5 = 16$

Options

5. A triangle has angles measuring 35, 55 , and x degrees. What is the value of x ?

Options

6. A car travels 180 miles using 6 gallons of gasoline. How many miles can the car travel per gallon of gasoline?

Options

7. A store is having a 25% off sale. If the original price of a jacket is \$80, what is the sale price?

Options

8. If 0.000005893 is expressed in the form 5.893×10^n , what is the value of n ?

Options

2 2 2 2 2 2 2

9. A school has 240 students. If $\frac{3}{5}$ of them are boys, how many boys are there?

Options

10. Arrange the following numbers in ascending order of magnitude.

$\frac{3}{5}$, 0.15, $\frac{7}{8}$, 0.45, $\frac{17}{19}$

Options

11. If 4 notebooks cost \$8, how much do 7 notebooks cost?

Options

12. The ratio of red to blue marbles in a bag is 7:3. If there are 35 red marbles, how many blue marbles are there?

Options

13. Find the value of $[5 \times (3 + 2)] - 7$

Options

14. If 15 workers can complete a job in 12 days, how many days would it take 10 workers to complete the same job?

Options

15. A parent rewards a child with Rs. 10 for a correctly solved problem and fines him Rs. 2 for an incorrectly solved problem. If the child gets Rs. 80 after 50 problems, how many problems did he solve correctly?

Options

2 2 2 2 2 2 2

16. What is the radius of a circle that has a circumference of 3.14 centimeter?

Options

17. A packet contained 450 chocolates. 60% of these were distributed among children. How many chocolates remained in the packet?

Options

18. If a company's total revenue is \$200,000 and its total expenses are \$150,000, what is its profit?

Options

19. What is the area of a rectangle with length 12 cm and width 8 cm?

Options

20. Let $x= 1$, $y= 1$, $z= 1$. Perform the following sequence of steps.

1. Add 5 to x
2. If x is less than 10, add 3 to z , otherwise add 3 to y
3. If y is less than 4 repeat from step 1
4. Stop.

What are the final values of x , y and z ?

Options

END OF SECTION II

Do not turn to the previous section

ANSWER KEY FOR SAMPLE TEST PAPER 2024

SECTION I (IQ/ GEN KNOWLEDGE)	
Question Number	Answer
1	0.125
2	25
3	
4	7
5	
6	V
7	199,009
8	VER (or its permutations)
9	fish
10	Both are equal
11	PEACE
12	Hockey
13	hexagon
14	Jamil
15	Wednesday
16	pressure
17	Astronomer or Scientist
18	South Africa
19	Sui Northern Gas Pipelines Limited
20	Hilal e Pakistan
21	Hydrogen
22	12 th August
23	Chess
24	20 years
25	Tennis
26	6 times
27	Jibrael (A.S)
28	Palestine
29	Al Toba
30	National Database and Registration Authority
SECTION II (MATHS)	
Question Number	Answer
1	13
2	20
3	6

4	7
5	112 cars
6	3 miles
7	60 dollars
8	- 6
9	144
10	0.15, 0.45, 3/5, 7/8, 17/19
11	14
12	15
13	18
14	18 days
15	15 questions
16	0.5cm
17	180
18	\$50,000
19	96 cm ²
20	X=11, y = 4, z = 4