	Sanjay Ghodawat University, Kolhapur Established as State Private University under Govt. of Maharashtra. Act No XL, 2017	2020-21

Year and Program 2020 **SY BCOM**	**School - SCM**	**Department-- Commerce**
Course Code- CBC 2092	**Aptitude and Reasoning**	**Semester – III**
Day: Saturday **Date: 20.02.2021**	**End Semester Examination**	**Time2 Hours** **Marks: 50**

Instructions- 1) Attempt all 25 Questions 2 Marks Each

2) Calculator is not allowed.

1) A bag contains 6 white and 4 black balls. 2 balls are drawn at random. Find the probability that they are of same color.

- A) 1/2
- B) 7/15
- C) 8/15
- D) 1/9

2) A problem is given to three students whose chances of solving it are 1/2, 1/3 and 1/4 respectively. What is the probability that the problem will be solved?

- A) 1/4
- B) 1/2
- C) 3/4
- D) 7/12

3) A and B invest in a business in the ratio 3 : 2. If 5% of the total profit goes to charity and A's share is Rs. 855, the total profit is :

- A) 500
- B) 1000
- C) 1500
- D) 2000

4) How many pairs of letters are there in the word " CASTRAPHONE" which have as many letters between them in the word as in the alphabet?

- A) 3
- B) 4
- C) 5
- D) 6

5) A is B's sister. C is B's mother. D is C's father. E is D's mother. Then, how is A related to D?

- A) Grandfather
- B) Grandmother
- C) Daughter
- D) Granddaughter

6) A student multiplied a number by 3/5 instead of 5/3, What is the percentage error in the calculation?

- A) 54 %
- B) 64 %
- C) 74 %
- D) 84

7) ¾ part of tank is full of water. When 30 litres of water is taken out it becomes empty. The capacity of the tank is?

a. 36 liters
b. 42 liters
c. 40 liters
d. 38 liters

8) A's salary is 50% more than B's. How much percent is B's salary less than A's?

a. 20%
b. 25%
c. 18%
d. 16%

9) Ramesh's salary was reduced by 10% and then the reduced salary was increased by 10%. What was his ultimate loss?

a. 0%
b. 10%
c. 1%
d. 5%

10) In a country 55% population is female. 80% of the male population is literate. How much of females are literate if total literacy is 58%?

a. 45%
b. 55%
c. 40%
d. 22%

11) If 20% of an electricity bill is deducted, then Rs. 100 is still to be paid. How much was the original bill?

a. Rs. 110
b. Rs. 115
c. Rs. 120
d. Rs. 125

12) Complete the series 16, 33, 65, 131, 261,……..

A. 523

B. 521
C. 613
D. 721

13) Complete the series 10, 5, 13, 10, 16, 20, 19,…….
A. 22
B. 40
C. 23
D. 23

14) Odd one out25, 36, 49, 81, 121, 169, 225
A. 36
B. 49
C. 121
D. 169

15) Odd one out4, 6, 8, 9, 10, 11, 12
A. 10
B. 11
C. 12
D. 9

16) Odd one out5, 16, 6, 16, 7,16,9
A. 9
B. 7
C. 6
D. 5

17) Odd one out6, 13, 18, 25, 30, 37, 40
A. 25
B. 30
C. 37
D. 40

18) Arrange the words given below in a meaningful sequence.

1. Presentation 2. Recommendation 3. Arrival 4. Discussion 5. Introduction

- A) 5, 3, 4, 1, 2
- B) 3, 5, 4, 2, 1
- C) 3, 5, 1, 4, 2
- D) 5, 3, 1, 2, 4

19) What was the day on 15th August 1947?

- A) Friday
- B) Saturday
- C) Sunday
- D) Thursday

20) A bag contains 50 P, 25 P and 10 P coins in the ratio 5: 9: 4, amounting to Rs. 206. Find the number of coins of each type respectively.

- A) 360, 160, 200
- B) 160, 360, 200
- C) 200, 360,160
- D) 200,160,300

21) A problem is given to three students whose chances of solving it are 1/2, 1/3 and 1/4 respectively. What is the probability that the problem will be solved?

- A) 1/4
- B) 1/2
- C) 3/4
- D) 7/12

22) The value of a machine depreciates at the rate of 10% every year. It was purchased 3 years ago. If its present value is Rs. 8748, its purchase price was :

- A) 10000
- B) 12000
- C) 14000
- D) 16000

23) A clock is set right at 8 a.m. The clock gains 10 minutes in 24 hours will be the true time when the clock indicates 1 p.m. on the following day?

- A) 48 min. past 12.
- B) 46 min. past 12.
- C) 45 min. past 12.
- D) 47 min. past 12.

24) Insert the missing number.7, 26, 63, 124, 215, 342, (....)

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

25) In an examination, a student scores 4 marks for every correct answer and loses 1 mark for every wrong answer. If he attempts all 60 questions and secures 130 marks, the no of questions he attempts correctly is :

- A) 35
- B) 38
- C) 40
- D) 42

.

Year and Program 2019 **School - SCM** **Department-- Commerce**

SY BCOM

Course Code- CBC 2092 **Aptitude and reasoning** **Semester – III**

Day and Date :- **End Semester Examination** **Time2 Hours Marks: 50**

Answer Key

1	B
2	C
3	C
4	D
5	D
6	B
7	C
8	A
9	C
10	C
11	D
12	A
13	B
14	A
15	B
16	A
17	D
18	C
19	A
20	C
21	C
22	B
23	A
24	D
25	B