

DCT's S.S.Dempo College of Commerce & Economics, Cujira Goa.
Integrated Master of Commerce (I.M.Com)
Entrance Test (2021-22)

Date: _____ 2021

Total number of questions: 100

Time: 2 Hours (10.00 AM-12.00 Noon)

Name of the student: _____

Seat number: IMCOM-E3-2021- _____

Mobile no. _____

- Instructions:** (i) Each question carries 1 mark.
(ii) No negative marking.
(iii) Answers are to be marked on the answer sheet provided.
(iv) Use of calculators is allowed.
(v) Use of any other electronic gadgets is strictly prohibited.

SECTION-A: MATHEMATICAL APTITUDE

- 1) A mixture contains alcohol and water in the ratio 4 : 3. If 5 liters of water is added to the mixture, the ratio becomes 4: 5. Find the quantity of alcohol in the given mixture.20%
 - a) 10
 - b) 15
 - c) 20
 - d) 7.5

- 2) Raju's age after 15 years will be 5 times his age 5 years back. What is the present age of Raju?
 - a) 15
 - b) 14
 - c) 10
 - d) 8

- 3) What will be the fraction of 20%?
 - a) $\frac{1}{6}$
 - b) $\frac{1}{5}$
 - c) $\frac{1}{4}$
 - d) $\frac{1}{8}$

- 4) A shopkeeper bought 600 oranges and 400 bananas. He found 15% of oranges and 8% of bananas were rotten. Find the percentage of fruits in good condition.
 - a)23.4%
 - b)54.8%
 - c) 64.5%
 - d) 87.8%

- 5) 2.09 can be expressed in terms of percentage as
 - a) 2.09%
 - b) 20.9%
 - c) 209%
 - d) 0.209%

- 6) A sum of money at simple interest amounts to Rs. 815 in 3 years and to Rs. 854 in 4 years. The sum is:

- a) Rs. 650
 - b) Rs. 690
 - c) Rs. 698
 - d) Rs. 700
- 7) A and B started a business by investing Rs.4000 and Rs.5000 respectively. Find A's share out of a total profit of Rs.1800:
- a) Rs. 1000
 - b) Rs. 1800
 - c) Rs. 800
 - d) Rs. 400
- 8) The average of runs of a cricket player of 10 innings was 32. How many runs must he make in his next innings so as to increase his average of runs by 4?
- a) 76
 - b) 79
 - c) 85
 - d) 87
- 9) If $a : b = 1 : 2$ and $b : c = 3 : 4$ find $a : b : c$?
- a) 3:8:6
 - b) 3:12:6
 - c) 3:6:8
 - d) 1:2:4
- 10) 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) Rs. 1425
 - b) Rs. 1500
 - c) Rs. 1537.50
 - d) Rs. 1576
- 11) Average of 16 numbers is 8. If 2 is added to every number, the new average will be:
- a) 13
 - b) 9
 - c) 10
 - d) 8
- 12) Solve the equation for x : $19(x + y) + 17 = 19(-x + y) - 21$
- a) -1
 - b) -2
 - c) -3
 - d) -4
- 13) What is the place value of 7 in the numeral 2734?
- a) 70
 - b) 7
 - c) 700
 - d) 7.00
- 14) The difference between a number and its three-fifth is 50. What is the number?
- a) 75

- b) 100
 - c) 125
 - d) None of these
- 15) A sum of Rs. 25000 becomes Rs. 27250 at the end of 3 years when calculated at simple interest. The rate of interest is
- a) 2%
 - b) 3%
 - c) 4%
 - d) 5%
- 16) The average of 50 numbers is 30. If two numbers, 35 and 40 are discarded, then the average of the remaining numbers is near?
- a) 28.32
 - b) 29.68
 - c) 28.78
 - d) 29.27
- 17) 75 g of sugar solution has 30% sugar in it. Then, the quantity of sugar that should be added to the solution to make the quantity of the sugar 70% in the solution, is
- a) 125 g
 - b) 100 g
 - c) 120 g
 - d) 130 g
- 18) The product of two consecutive odd numbers is 4623. Which is the greater of the two numbers?
- a) 66
 - b) 69
 - c) 68
 - d) 67
- 19) The sum required to earn a monthly interest of Rs 400 at 10 % per annum at simple interest is
- a) Rs. 2000
 - b) Rs. 12000
 - c) Rs. 24000
 - d) Rs. 48000
- 20) In a college, the ratio of the number of boys to girls is 8 : 5. If there are 200 girls, the total number of students in the college is
- a) 420
 - b) 520
 - c) 620
 - d) 720
- 21) Average of all prime numbers between 30 to 50
- a) 37
 - b) 37.8
 - c) 39
 - d) 39.8
- 22) In a 20 over match, the required run rate to win is 7.2. If the run rate is 6 at the end of the 15th over, the required run rate to win the match is:

- a) 1.2
- b) 13.2
- c) 10.8
- d) 12

23) Half of 1 percent written as decimal is

- a) 5
- b) 0.5
- c) 0.05
- d) 0.005

24) Rs. 700 is divided among A, B, C so that A receives half as much as B and B half as much as C. Then C's share is

- a) Rs 200
- b) Rs 300
- c) Rs 400
- d) Rs 500

25) $53904 / 16 / 8 =$

- a) 485
- b) 434
- c) 456
- d) none of these

26) How many pieces of 0.85 meters can be cut from a rod 42.5 meters long?

- a) 30
- b) 40
- c) 50
- d) 60

27) A man has Rs. 480 in the denominations of one-rupee notes, five-rupee notes and ten-rupee notes. The number of notes of each denomination is equal. What is the total number of notes that he has?

- a) 45
- b) 60
- c) 75
- d) 90

28) A man buys an article for Rs. 27.50 and sells it for Rs 28.60. Find his gain percent

- a) 1%
- b) 2%
- c) 3%
- d) 4%

29) Find the rate at Simple interest, at which a sum becomes four times of itself in 15 years.

- a) 10%
- b) 20%
- c) 30%
- d) 40%

30) The sum of two numbers is 25. One of the numbers exceeds the other by 9. The numbers are

- a) 8 and 17
- b) 9 and 25

- c) 12 and 35
- d) 14 and 28

31) Simplify $b - [b - (a+b) - \{b - (b - a+b)\}] + 2a$

- a) a
- b) 2a
- c) 4a
- d) 0

32) 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, then the number of questions he attempts correctly is :

- a) 35
- b) 38
- c) 40
- d) 42

33) The mean weight of a group of seven boys is 56 kg. The individual weights (in kg) of six of them are 52, 57, 55, 60, 59 and 55. Find the weight of the seventh boy.

- a) 64
- b) 54
- c) 88
- d) 28

34) Ten years ago A was half of B in age. If the ratio of their present ages is 3: 4, what will be the total of their present ages?

- a) 30
- b) 35
- c) 37
- d) 41

35) A fruit seller had some apples. He sells 40% apples and still has 420 apples. Originally, he had:

- a) 588 apples
- b) 600 apples
- c) 672 apples
- d) 700 apples

36) Solve $(x + 1)(x - 3) = 0$.

- a) -1, 3
- b) 2, 3
- c) -1, 5
- d) -1, 6

37) $76.36 + 2984.317 + 39465.11 = ?$

- a) 42525.787
- b) 42135.364
- c) 68395.387
- d) 91246.023

38) Average of first five multiples of 3 is

- a) 9
- b) 11

- c) 13
- d) 15

39) A trader mixes 26 kg of rice at Rs. 20 per kg with 30 kg of rice of other variety at Rs. 36 per kg and sells the mixture at Rs. 30 per kg. His profit percent is:

- a) No profit, no loss
- b) 5%
- c) 8%
- d) 10%

40) A vendor bought bananas at 6 for a rupee. How many for a rupee must he sell to gain 20%?

- a) 3
- b) 4
- c) 5
- d) 6

SECTION-B: LOGICAL REASONING

41) Arrange the following words in a logical sequence.

1. Wrist
2. Elbow
3. Shoulder
4. Palm
5. Finger

Codes:

- a) 2, 4, 3, 5, 1
- b) 3, 2, 1, 5, 4
- c) **3, 2, 1, 4, 5**
- d) 5, 4, 1, 3, 2

42) A travels 35 km towards west, takes a right turn and travels 50 km more. Next, she takes another right turn and travels 35km in that direction. How far is she from her original position?

- a) 75km
- b) 45km
- c) 90km
- d) **50km**

43) If in a certain language, NOIDA is coded as OPJEB, how is DELHI coded in that language?

- a) CDKGH
- b) **EFMIJ**
- c) FGNJK
- d) IHLED

44) Which word does not belong to others?

- a) Arc
- b) Diameter
- c) Radius

d) Diagonal

45) Choose the pair that best represents a similar relationship to the one expressed in the original pair of words.

palette	easel	brush
textbook	lesson plan	?

- a) artist
- b) teacher
- c) report card**
- d) paint

46) Choose the pair that best represents a similar relationship to the one expressed in the original pair of words.

Paw: Cat :: Hoof: ?

- a) Dog
- b) Horse**
- c) Elephant
- d) Lamb

47) ELFA, GLHA, ILJA, _____, MLNA. Find the missing letters in the series.

- a) OLPA
- b) KLMA
- c) LLMA
- d) KLLA**

48) Look at the series; 41, 39, 35, 33, 29, __, which number should come next?

- a) 23
- b) 24
- c) 25
- d) 27**

49) Find the next numbers in the series 36 31 29 24 22 17 15

- a) 13 11
- b) 10 5
- c) 13 8
- d) 10 8**

50) Tanya is older than Eric.

Cliff is older than Tanya.

Eric is older than Cliff.

If the first two statements are true, the third statement is

- a) true
- b) false**
- c) uncertain

51) A toothpick is useful.

Useful things are valuable.

A toothpick is valuable.

If the first two statements are true, the third statement is

- a) **true**
- b) false
- c) uncertain

52) Statement: Why don't you go to the court if the employer does not pay you the Provident Fund contribution?

Assumptions:

I. Courts can intervene in matters of dispute between employer and employees.

II. It is obligatory for the employer to pay the Provident Fund contribution to the employees.

- a) Only assumption I is implicit
- b) Only assumption II is implicit
- c) Neither I nor II is implicit
- d) **Both I and II are implicit**

53) Statements: All bags are cakes. All lamps are cakes.

Conclusions:

I. Some lamps are bags.

II. No lamp is bag.

- a) Only conclusion I follows
- b) Only conclusion II follows
- c) **Either I or II follows**
- d) Neither I nor II follows

54) Choose a word which is most relevant to the word "school"

- a) **student**
- b) report card
- c) test
- d) learning

55) Here are some words translated from an artificial language.

moolokarn means blue sky

wilkospadi means bicycle race

moolowilko means blue bicycle

Which word could mean "racecar"?

- a) wilkozwet
- b) spadiwilko
- c) moolobreil
- d) **spadivolo**

56) From the given options, find the pair which is similar to the given pair: 8:4

- a) **27:9**
- b) 216:32
- c) 72:24

d) 45:5

57) Introducing a man, Mukesh said, " His only brother is the father of my daughter's father". How is the man related to Mukesh?

- a) Grandfather
- b) Father
- c) **Uncle**
- d) Brother-in-Law

58) 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?

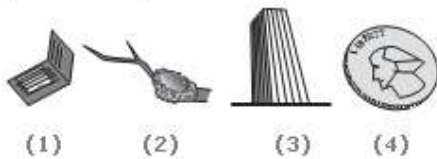
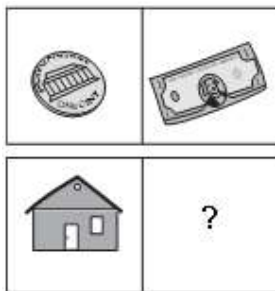
- a) Grandfather
- b) **Granddaughter**
- c) Grandmother
- d) Daughter

59) Look carefully at the sequence of symbols and find the correct pattern.



- a) 1
- b) 2
- c) **3**
- d) 4

60) Choose the picture that would go in the empty box so that the two bottom pictures are related in the same way as the top two are related.



- a) 1
- b) 2
- c) **3**
- d) 4

SECTION-C: KNOWLEDGE OF COMMERCE

- 61) Total Number of districts in Goa
- a) 9
 - b) 6
 - c) **2**
 - d) 4
- 62) Which one is the official flower of Goa?
- a) Lotus
 - b) Dahlia
 - c) **Jasmine**
 - d) Marigold
- 63) India's Nihal Sarin is associated with which sports?
- a) Swimming
 - b) Shooting
 - c) Archery
 - d) **Chess**
- 64) What is 'Bharat', that was seen in news, related to the Indian Army?
- a) Chopper
 - b) **Drone**
 - c) Missile carrier
 - d) Anti-tank missile
- 65) How many states and union territories are there in India?
- a) **28 states and 8 union territories**
 - b) 27 states and 7 union territories
 - c) 26 states and 6 union territories
 - d) 29 states and 5 union territories
- 66) On Which day does Institute of Chartered Accountants of India (ICAI) celebrates its Foundation Day every year as 'Chartered Accountants' Day' or 'CA Day'.
- a) **on July 1**
 - b) on April 1st
 - c) on 17th July
 - d) on 31st March.
- 67) Who are the beneficiaries of 'One Rank One Pension' (OROP) scheme, which was seen in news recently?
- a) Teachers
 - b) **Armed Forces Veterans**
 - c) Bureaucrats
 - d) Sportspersons
- 68) Which Union Ministry implements the AatmaNirbhar Bharat Rozgar Yojana?
- a) Ministry of Rural Development
 - b) Ministry of Housing and Urban Affairs

- c) **Ministry of Labour and Employment**
- d) Ministry of Agriculture

69) When is the International Day of yoga celebrated?

- a) June 20
- b) **June 21**
- c) June 22
- d) June 23.

70) Global warming is expected to result in

- a) Increase in sea level
- b) Change in crop pattern
- c) Change in coastal line
- d) **All of these**

71) Which US company is going to start a space flight in July 2021?

- a) SpaceX
- b) Tesla
- c) **Blue Origin**
- d) Microsoft

72) _____ invented the mobile phone.

- a) **Martin Cooper**
- b) Roger Bacon
- c) Anthony Blatner
- d) Thomas Edison

73) What is the national currency of China?

- a) Peso
- b) **Yuan**
- c) Dollar
- d) Yen

74) Name the author who created the famous series of books – “Harry Potter”.

- a) William Shakespeare
- b) Charles Dickens
- c) **J.K. Rowling**
- d) Rudyard Kipling

75) What is the official language of Telangana State?

- a) Tamil.
- b) English.
- c) Hindi.
- d) **Telugu.**

76) Arrange the continents from largest to smallest?

- A) Africa
- B) Europe

- C) North America
- D) Asia
- E) Australia
- F) South America
- G) Antarctica

- a) **D,A,C,F,G,B,E**
- b) A,C,B,F,E,D,G
- c) D,B,F,C,G,A,E
- d) E,A,C,D,G,F,B

77) What does 'T' stand for in ATM?

- a) Transfer
- b) **Teller**
- c) Transaction
- d) Trunk

78) +91 is the country calling code for which nation?

- a) Canada
- b) **India**
- c) U.S.A
- d) China

79) The Make In India Logo is made up of what?

- a) **Lion made of cogs**
- b) Eagle Made of Steel
- c) chakra Made of Cotton
- d) Tiger Made of Khadi

80) IFSC is the short term of a

- a) International Financial System Code
- b) **Indian Financial System Code**
- c) Inter-bank Financial System Code
- d) Inter-bank Functional System Code

SECTION-D: GENERAL KNOWLEDGE

81) Bonus Shares are issued to—

- a) **Equity Shareholders**
- b) Preference Shareholders
- c) Debenture Holders
- d) Secured Creditors

82) Canara Bank is an example of

- a) Private Bank
- b) **Public Bank**
- c) Foreign Bank
- d) None of these

83) Which of the following is a global stock market index?

- a) Sensex
- b) **FTSE100**
- c) OTCEI index
- d) Nifty

84) Business transaction are recorded

- a) **in chronological order**
- b) at the end of the month
- c) weekly
- d) any of the above

85) Which among the following is not opened for private sector participation

- a) **Railways**
- b) Telecommunication sector
- c) Education sector
- d) Power sector

86) Primary and secondary markets develop simultaneously because they

- a) **Complement each other.**
- b) Compete with each other.
- c) Control each other.
- d) Function independently.

87) GDP is _

- a) **Gross domestic product**
- b) Gross domestic percentage
- c) Gross domestic personnel
- d) Gross domestic public

88) The short-term financial instruments traded in money market is commonly called

- a) Bonds
- b) Shares
- c) Notes
- d) **Commercial Papers**

89) Which among these is not the nature and characteristic of a service.

- a) Intangibility
- b) **Durability**

- c) Variability
 - d) Perishability
- 90) Which IT company has developed Financial Core - a banking software product?
- a) Wipro
 - b) Satyam
 - c) **Infosys**
 - d) TCS
- 91) Which company has the tagline of "Way of life."?
- a) The Economic Times
 - b) Big Bazaar
 - c) **Maruti Suzuki**
 - d) AKAI
- 92) Which of the following is not a primary function of a Bank?
- a) Granting Loans
 - b) Collecting Cheques/Drafts customers
 - c) **Facilitating import of goods**
 - d) Issuing Bank Drafts
- 93) What is the full form of CRISIL?
- a) **Credit Rating Information Services of India Limited**
 - b) Credit Rating Investment Services of India Limited
 - c) Credit Rating Indian Services for Investment and Liability
 - d) Credit Rating Insight Services of India Limited
- 94) What is the full form of IPO in IPO issue manager?
- a) Interactive Persuasive Offering
 - b) **Initial Public Offering**
 - c) Immediate Public Offering
 - d) None of the above
- 95) Who among the following issues metallic coins in India?
- a) RBI
 - b) **Government of India**
 - c) Banks and financial institutions
 - d) Any of the above can issue it.
- 96) For what kind of transactions, are demat accounts necessary?
- a) **For trading in shares of companies**
 - b) For having mobile banking facilities
 - c) For taking retail loans from banks
 - d) For non-resident account
- 97) What is the main business of commercial banks?
- a) lending and deposits from public
 - b) lending and deposits from corporation

- c)Both a and b**
- d) None

98)PV Sindhu, K Srikanth as its brand ambassadors is associated with the advertising campaign of which bank?

- a) HSBC
- b) Bank of India
- c) Bank of Baroda**
- d) HDFC

99) Boost and Crocin brands are owned by which company?

- a) **GalaxoSmithKline**
- b) Pfizer
- c) Henz
- d) ParasPharma

100) Hindustan Lever is selling Lipton Ice Tea in the Indian Market in association with which company?

- a) McDonald
- b) PepsiCo**
- c)Coca Cola
- d)Rasna

Rough work