

030003

Paper Code No: M80

Question Booklet No.

ENTRANCE EXAMINATION – 2021 - 22**SET – C****SSF JAMIA MILLIA ISLAMIA
New Delhi**

Roll No.

M800300

Signature of Invigilator

Time: 2 Hours

Total Marks: 80

Instructions to Candidates

- Do not write your name or put any other mark of identification anywhere in the OMR Response Sheet. IF ANY MARK OF IDENTIFICATIONS IS DISCOVERED ANYWHERE IN OMR RESPONSE SHEET, the OMR sheet will be cancelled, and will not be evaluated.
- This Question Booklet contains the cover page and a total of 80 Multiple Choice Questions of 1 mark each.**
- Space for rough work has been provided at the beginning and end. Available space on each page may also be used for rough work.
- There is negative marking in Multiple Choice Questions. For each wrong answer, 0.25 marks will be deducted.
- USE/POSSESSION OF ELECTRONIC GADGETS LIKE MOBILE PHONE, iPhone, iPad, pager ETC. is strictly PROHIBITED.
- Candidate should check the serial order of questions at the beginning of the test. If any question is found missing in the serial order, it should be immediately brought to the notice of the Invigilator. No pages should be torn out from this question booklet.
- Answers must be marked in the OMR Response sheet which is provided separately. OMR Response sheet must be handed over to the invigilator before you leave the seat.
- The OMR Response sheet should not be folded or wrinkled. The folded or wrinkled OMR/Response Sheet will not be evaluated.
- Write your Roll Number in the appropriate space (above) and on the OMR Response Sheet. Any other details, if asked for, should be written only in the space provided.
- There are four options to each question marked A, B, C and D. Select one of the most appropriate options and fill up the corresponding oval/circle in the OMR Response Sheet provided to you. The correct procedure for filling up the OMR Response Sheet is mentioned below.

CORRECT METHOD

(A)	●	(C)	(D)
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WRONG METHODS

(A) X (C) (D)	(A) (B) (C) (D)	(A) ● (C) (D)	(A) ● (C) (D)	(A) ● (C) (D)	(A) ● (C) (D)	(A) ● (C) (D)
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- 1 A, P, R, X, S and Z are sitting in a row. S and Z are in the centre, and A and P are at the ends. R is sitting on the left of A. Then who is on the right of P?

A A B X
C S D Z

- 2 Arun said, "This girl is the wife of the grandson of my mother". Who is Arun to the girl?

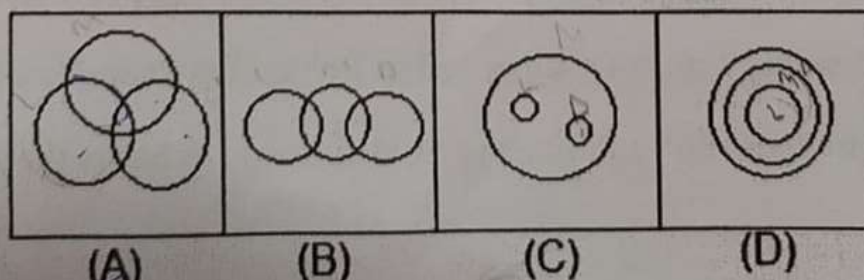
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A Grandfather B Husband
C Father-in-law D Father

- 3 Ritu is the sister of Chhaya. Sonam is the mother of Chhaya. Mahesh is the father of Sonam. Lata is the mother of Mahesh. How Ritu is related to Lata?

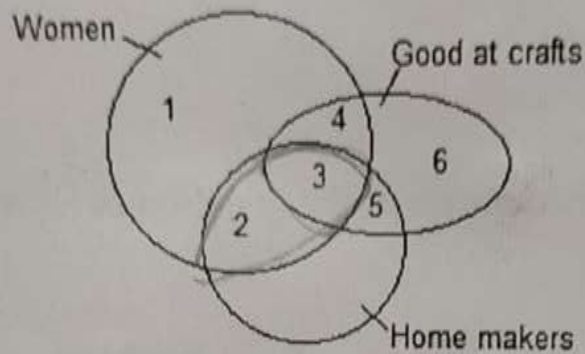
A Daughter B Granddaughter
C Great Granddaughter D Daughter-in-law

- 4 Which of the following Venn diagrams given below correctly represents the students who learn law & music, music & dance, law & dance and law, music & dance?



A (A) B (B)
C (C) D (D)

Which number in the given Venn diagrams indicates among Women, Home makers who are good at Crafts?



A 1

B 2

C 3

D 4

6 2311, 4529, 878989

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A 5662

B 6755

C 7243

D 6353

7 Mira starts at point T, walks straight to point U which is 4ft away. She turns left, at 90° and walks to W which is 4 ft away, turns 90° right and goes 3 ft to P, turns 90° right and walks 1 ft to Q, turns left at 90° and goes to V, which is 1 ft away and once again turns 90° and goes to O, 3 ft away. What is the distance between T and O? _____

A 4 ft

B 5 ft

C 7 ft

D 8 ft

Naseebah runs for 10 km in the eastern direction. She then turns left and starts walking for 6 km. Again, she turns left and starts running for 6 km. Then she turns left and walks again for 6 km. How far is she from the starting point?

A 6 km

B 3 km

C 4 km

D 5 km

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9 If in a certain code, MICROWAVE is written as LJBSNXZWD, how is POPULAR written in that code?

A QBIKVPAV

B OPKVPAV

C OPOVKBQ

D KBQVOPA

10 If PUNCTUAL can be written as 47819765 how can LUNA be written in that code?

A 7586

B 5678

C 5786

D 5867

11 Look at this series: 2, 1, (1/2), (1/4),.... What number should come next?

A (1/3)

B (1/8)

C (2/8)

D (1/16)

12 Look at this series: 7, 10, 8, 11, 9, 12, ... What number should come next?

$-13 \quad -2 \quad +3 \quad -2 \quad +3 \quad -2$

A 7

B 12

C 10

D 13

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13 Which word does NOT belong with the others?

A index

B glossary

C chapter

D book

14 Pick the odd man out?

A just

B fair

C equitable

D biased

15 Safe : Secure :: Protect : ?

A Lock

B Guard

C Sure

D Conserve

16 Paw : Cat :: Hoof : ?

A Lamb

B Horse

C Elephant

D Tiger

17 AG, GAF, HAI, IAH, ?

A JAK

B HAL

C HAK

D JAI

18 ELFA, GLHA, ILJA, _____, MLNA

A OLPA

B KLMA

C LLMA

☒ D KLLA

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19 Here are some words translated from an artificial language.

gorblflur means fan belt

pixngorbl means ceiling fan

arthtusl means tile roof

Which word could mean "ceiling tile"?

A gorbtlusl

B flurgorbl

C arthflur

D pixnarth

20 Here are some words translated from an artificial language.

hapllesh means cloudburst

srenchoch means pinball

resbosrench means nine pin

Which word could mean "cloud nine"?

A leshsrench

B ochhapl

C haploch

D hapresbo

21 A shopkeeper offers a discount of 10% on his articles. The marked price of the article is Rs. 450. The selling price should be?

A Rs. 405

B Rs. 400

C Rs. 395

D Rs. 410

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22 How much percent more than the cost price should a shopkeeper mark his goods so that after allowing a discount of 25% on the marked price, he gains 20%?

A 60%

B 55%

C 70%

D 50%

23 Information is

A all the facts and figures

B the creation of a database

C the selective use of data to inform the user

D a summary of the solutions

24 A parameter

A is a quantity or characteristic allowed to change within a particular problem

B takes a fixed value for a particular problem

C is always the same value

D is always a different value

- 25 A bank offers 5% compound interest calculated on half-yearly basis. A customer deposits Rs. 1600 each on 1st January and 1st July of a year. At the end of the year, the amount he would have gained by way of interest is:

A Rs. 120

B Rs. 121

C Rs. 122

D Rs. 123

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- 26 The difference between simple and compound interests compounded annually on a certain sum of money for 2 years at 4% per annum is Rs. 1. The sum (in Rs.) is:

A 625

B 630

C 640

D 650

- 27 If one-third of one-fourth of a number is 15, then three-tenth of that number is:

A 35

B 36

C 45

D 54

- 28 The difference between a two-digit number and the number obtained by interchanging the positions of its digits is 36. What is the difference between the two digits of that number?

A 3

B 4

C 9

D Cannot be determined

29 It was Sunday on Jan 1, 2006. What was the day of the week Jan 1, 2010?

A Sunday

B Saturday

C Friday

D Wednesday

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30 Today is Monday. After 61 days, it will be:

A Wednesday

B Saturday

C Tuesday

D Thursday

31 A train running at the speed of 60 km/hr crosses a pole in 9 seconds. What is the length of the train?

A 120 metres

B 180 metres

C 324 metres

D 150 metres

32 A train 125 m long passes a man, running at 5 km/hr in the same direction in which the train is going, in 10 seconds. The speed of the train is:

A 45 km/hr

B 50 km/hr

C 54 km/hr

D 55 km/hr

33 The angle of elevation of a ladder leaning against a wall is 60° and the foot of the ladder is 4.6 m away from the wall. The length of the ladder is:

A 2.3 m

B 4.6 m

C 7.8 m

D 9.2 m

- 34 From a point P on a level ground, the angle of elevation of the top tower is 30° . If the tower is 100 m high, the distance of point P from the foot of the tower is:

A 149 m B 156 m
C 173 m D 200 m

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- 35 The cost price of 20 articles is the same as the selling price of x articles. If the profit is 25%, then the value of x is:

A 15 B 16
C 18 D 25

$$\begin{aligned} 100x - 2000 &= 2500 \\ 100x &= \frac{2250}{100} \\ 20 & \end{aligned}$$

$$\frac{100x}{20} = \frac{125}{100}$$

- 36 In a certain store, the profit is 320% of the cost. If the cost increases by 25% but the selling price remains constant, approximately what percentage of the selling price is the profit?

A 30% B 70%
C 100% D 250%

- 37 Two students appeared at an examination. One of them secured 9 marks more than the other and his marks was 56% of the sum of their marks. The marks obtained by them are:

A 39, 30 B 41, 32
C 42, 33 D 43, 34

38. 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

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39. 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

40. There are two examinations rooms A and B. If 10 students are sent from A to B, then the number of students in each room is the same. If 20 candidates are sent from B to A, then the number of students in A is double the number of students in B. The number of students in room A is:

A 20

B 80

C 100

D 200

41. Which one is the first search engine in internet

A Google

B Archie

C Altavista

D WAIS

42 Which one is the first web browser invented in 1990

- A Internet Explorer
- B Mosaic
- C Mozilla
- D Nexus

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43 Which key combination is used to permanently delete a file or folder

- A Shift+delete
- B Alt+delete
- C CTRL+delete
- D Delete

44 The main page of a Web site is known as

- A Home page
- B Book mark page
- C Content page
- D Navigator page

45 What is the full form of PDF

- A Printed Document Format
- B Public Document Format
- C Portable Document Format
- D Published Document Format

46 A _____ is a spreadsheet pages collection of

- A Workbook
- B Artbook
- C Worksheet
- D Documents

47 A hyperlink means

- A text connected to page
- B plain text
- C coloured text
- D None of the above

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48 What does the letter "S" stand for in the Web terminology "HTTPS"

- A Safe
- B Secure
- C Short
- D Shorter

49 Who is the founder of Bluetooth

- A Ericsson
- B IBM
- C Apple
- D Dell

50 What is the intersection of a column and row on a worksheet called

- A Column
- B Value
- C Address
- D Cell

51 ICT is a blend of

- A IT and telecommunication
- B technolo2V and communication
- C codes and information
- D IT and social networking

52 Data storage devices are also known as

- | | | | |
|---|------------------|---|------------------|
| A | primary memory | B | temporary memory |
| C | secondary memory | D | variable memory |

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53 In computer terminology, processed data is called

- | | | | |
|---|---------------|---|-----------|
| A | information | B | variables |
| C | communication | D | symbols |

54 In 1876, a simple telephone model to send voice in the form of the electrical signal from one place to another was made by

- | | | | |
|---|-----------------|---|------------------|
| A | Charles Babbage | B | John Logie |
| C | Michael Faraday | D | Alexander Graham |

55 The memory which is used in the computer as temporary memory is

- | | | | |
|---|-----------------------------|---|----------------------------|
| A | read only memory (ROM) | B | Random access memory (RAM) |
| C | local area networking (LAN) | D | Chrome |

56 Term hardware is referred to

- | | | | |
|---|-----------|---|-----------|
| A | software | B | data |
| C | machinery | D | procedure |

57 It carries a radio transmitter and receiver inside it and sends and receives a message in the form of radio waves

A fax machine

B computer

C photo phone

D cell phone

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58 The areas between the pits are known as

A bytes

B lands

C patterns

D data

59 The medium which sends information from source to receiver is called

A transmission channel

B transmitter

C receiver

D optic fiber

60 Cassettes are based on

A electricity

B magnetism

C electromagnetism

D waves

61 Which of the following calculates National Income of India -

A Planning Commission

B Finance Ministry

C Central Statistical Office (CSO)

D RBI

- 62 Which among the following decides the Oil Prices in India?
- A Ministry of Petroleum B Government of India
- C Oil Companies D State Government

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- 63 Countervailing duty is imposed on which of the following?
- A exported goods
- B imported goods
- C exported goods on which export subsidy is applicable
- D imported good on which import subsidy is applicable

- 64 The Direct Taxes Code is related to which among the following?
- A Excise Duty B Service tax
- C Income Tax D Sales tax

- 65 The value of national income adjusted for inflation is called
- A Per capita income B Disposable income ✓
- C Inflation rate D Real national income ✓

- 66 The average income of the country is
- A Per capita income B Disposable income
- C Inflation rate D Real national income

67 What among the following is NOT an example of 'public goods'?

- | | |
|--------------------|--------------------|
| A National defense | B Roads |
| C Cars | D National Forests |

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68 The Government Budget consists of which main component/s?

- A Revenue Budget and Capital Budget
- B Capital Budget only
- C Revenue Budget only
- D None of the above

69 Loans raised by the government from the public are known as:

- | | |
|------------------------|----------------------|
| A Corporate borrowings | B Common borrowings |
| C Market borrowings | D Private borrowings |

70 The tax on net income of companies is

- | | |
|-----------------------|-------------------|
| A Personal income tax | B Interest tax |
| C Wealth tax | D Corporation tax |

71 Which company launched 'Savdhan Rahein, Safe Rahein' a public awareness campaign on financial fraud risks?

- | | |
|---------------|-----------------|
| A DCB Bank | B Bajaj Finserv |
| C SBI Capital | D ICICI bank |

72 The report titled 'Connected Commerce: Creating a Roadmap for a Digitally Inclusive Bharat' has been launched by the NITI Aayog in collaboration with which company?

- | | | | |
|---|------------|---|---------------------------------|
| A | GPay | B | Bill & Melinda Gates Foundation |
| C | Mastercard | D | Paytm |

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73 According to UN Study, the Online share of retail sales jumps to how much percent amid lockdowns?

- | | | | |
|---|-----|---|-----|
| A | 20% | B | 21% |
| C | 19% | D | 22% |

74 Which company has regained its position as the 3rd largest Indian IT services company by market capitalization of Rs. 2.65 trillion?

- | | | | |
|---|------------------|---|-------|
| A | Tata Motors | B | TCS |
| C | HCL Technologies | D | Wipro |

75 Which companies mobile phone are marketed with the slogan - Big inside. Small Outside

- | | | | |
|---|---------|---|----------|
| A | Nokia | B | Sony |
| C | Samsung | D | Motorola |

76 Which Indian Enterprise used the slogan - Improving the quality of Life.

A Reliance

B TATA

C Birla

D ITC

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77 Power is the name of oil from which of the following Oil gaints?

A IOCL

B HP

C BPCL

D Shell

78 Depreciation means

A closure of a plant due to lock out

B closure of a plant due to labour trouble

C loss of equipment over time due to wear and tear

D destruction of a plant in a fire accident

79 Which among the following is used for a situation of "Too much money chasing too few goods?"

A Demand Pull Inflation

B Cost pull inflation

C Stagflation

D Hyperinflation

80 Which sector contributes the most to India's economy?

A Service sector

B Manufacturing sector

C Agricultural sector

D Small scale industries

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