

Question Booklet No. :

CUCET 2020

UI-QP-02

Time : 03:00 PM to 05:00 PM

Entrance Test for the Course(s) : B.A. (International Relations) [CUKER], (English) [CUKNK], (Economics) [CUKNK], (Social Science) [SPUP], (Security Management) [SPUP], B.A. (Hons) (Political Science) [CUAPH], (German Studies) [CUGUJ], (Chinese) [CUGUJ], [CUJHD], (Korean) [CUJHD], B.Sc. (Psychology) [CUKNK], (Geography) [CUKNK], (Geology) [CUKNK], B.Sc. (Hons) (Economics) [CUAPH], B.Voc. (Tourism and Travel Management) [CUAPH], (Retail Management and IT) [CUAPH], (Retail and Logistic Management) [CUHAR], [CUKAS], (Retail Management) [CUJAM], (Banking and Financial Services) [CUJAM], (Tourism and Hospitality Management) [CUKAS], BBA (Business Administration) [CUKNK], BPA (Music) [CUTND], Certificate Course (Beauty and Wellness) [CUJAM], Diploma (Beauty and Wellness) [CUJAM], (Beauty and Wellness (Makeup)) [CUJAM], (Retail Management) [CUJAM], Integrated B.A. B.Ed. (Integrated B.A. B. Ed.) [CUJAM], (B.A. B.Ed.) [CUSBR], Integrated B.A. LLB (B.A. LLB) [CUKAS], Integrated B.A. LLB (Hons) (B.A. LLB) [CUSBR], Integrated M.A. (Economics) [CUTND], Integrated M.Sc. (Economics) [BASE], [CURAJ], (Linguistics) [CURAJ], Integrated/ Dual Degree B.A.-M.A. (Social Management) [CUGUJ]

Roll Number :

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Test Center Code :

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Name of the Candidate :

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Candidate's Signature:

Invigilator's Signature:

Instructions to Candidates

1. Do **NOT** open the Question Booklet until the Hall Superintendent gives the signal for the commencement of the examination.
2. Write your Name, Roll Number and Test Center Code (as given in the Admit Card) and sign in the space provided above.
3. After the commencement of the examination, open the Question Booklet. If the Question Booklet or the OMR Answer Sheet or both are not in good condition, then ask for immediate replacement. No replacement will be made 5 minutes after the commencement of the examination.
4. In the ANSWER SHEET (OMR) fill up/shade the required entries (Roll Number, Test Center Code, Test Paper Code, Question Booklet Number, Test Paper Series code etc. in the space provided) using **black/blue** ball point pen.
5. The Question Booklet contains **100** questions. A candidate is required to answer **all** the questions.
6. All questions are in MCQ Pattern. There is only **one** most appropriate correct answer for **each** question.
7. **All** questions carry equal marks. **There will be negative marking.** Each correct answer carries **01** mark and for each wrong answer **0.25** mark will be deducted. Question not attempted will not be assessed and hence will not be considered for preparing final merit list.
8. Darken only **one** circle for each question. If you darken more than one circle for the question, it will be deemed as incorrect answer. Any change in the answer once marked is **NOT** allowed.
9. Use the Answer Sheet (OMR) carefully. No spare Answer Sheet will be given.
10. Do not make stray marks on the OMR Sheet.
11. After completion of examination, a candidate will be allowed to take with him Question Booklet and Candidate's copy of OMR answer sheet. However, **each candidate must ensure to handover original copy of OMR sheet to the Invigilator.** In case a candidate takes away the original OMR answer sheet, his/her examination will be treated as cancelled.
12. No candidate will be allowed to leave the examination hall before completion of Entrance Test. Total time allowed for the paper is 2 Hours.
13. Calculator, Tables or any other Calculating Devices, Mobiles, Pagers, Booklets, Papers etc. are strictly prohibited.
14. Rough work should be done on the blank space provided in this Question Booklet. No extra paper will be provided.

SPACE FOR ROUGH WORK

Numerical Aptitude (1–25)

Directions: For each question, four alternatives have been given. Choose the best alternative.

1. Anand's watch was correct at midnight after which it began to lose 14 minutes per hour until 7 hours ago it stopped completely. It now shows the time as 3.50 am. What is the correct time now?
(A) 12 noon (B) 5 pm (C) 7.40 am (D) 10.50 am
2. Jai won Rs.3000 on a bet, which meant he had five times more money than if he had lost Rs.3000. How much money had Jai before he won the Rs.3000?
(A) 6000 (B) 7500 (C) 4500 (D) 9000
3. Kumar completed a journey by rail, bus and taxi. If the train fare cost Rs.89.65, the taxi fare cost Rs.68.25 less than the train fare, and the bus fare cost Rs.19.60 less than the taxi fare, how much did the total journey cost Kumar?
(A) Rs. 91.40 (B) Rs. 160.30 (C) Rs. 111.05 (D) Rs. 112.85
4. A company produces red, green and blue buckets in the ratio 2:7:4. If a week's production totals 7,774 buckets, how many green buckets are produced?
(A) 1110 (B) 4186 (C) 6663 (D) 1196
5. In a consignment of tomatoes sent from Bangalore to Delhi, 339 had got spoilt, which was 15 per cent of the total consignment. How many good tomatoes were in the consignment?
(A) 2260 (B) 1921 (C) 5080 (D) 398
6. Gupta and Sharma both drive to their new home 600 km away. Gupta drives the family car at an average speed of 65 km/hr. Sharma drives their office truck at an average speed of 50 km/hr. During the trip Gupta stops for a total time of 2 hours and 20 minutes and Sharma stops for 90 minutes. What is the approx. difference in minutes of their arrival times?
(A) 91 (B) 131 (C) 129 (D) 116
7. A bank offers an interest of 6% per annum which is calculated at the end of the year. Another bank offers 10% interest per annum which is calculated and added every six months. What is the difference in the interest on a deposit of Rs.1000?
(A) Rs.40 (B) Rs.42.50 (C) Rs.41.50 (D) Rs.40.50
8. In a survey $\frac{3}{16}$ of the people said they preferred to visit self service restaurants. $\frac{5}{8}$ said they would like to be served food by waiters. The remaining 75 said they have no clear preference. How many people preferred self-service?
(A) 75 (B) 125 (C) 100 (D) 150
9. A train travelling at 60 km/hr enters a tunnel that is 5 km long. The train is one km long. How long does it take for the whole train to pass through the tunnel?
(A) 7 (B) 4 (C) 6 (D) 5
10. In a survey 243 people were asked if they preferred butter, margarine or cheese. The ratio of people who preferred cheese to margarine was 7:2. Two thirds of the whole sample preferred butter. How many people preferred cheese?
(A) 122 (B) 63 (C) 121 (D) 77
11. The value of a machine reduces in value 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) 16000 (C) 14000 (D) 12000
12. A, B and C start a business each investing Rs. 20,000. After 5 months A withdrew Rs.5000, B withdrew Rs. 4000 and C invests Rs. 6000 more. At the end of the year, a total profit of Rs. 69,900 was recorded. Find the share of A.
(A) Rs.20500 (B) Rs.21500 (C) Rs.28200 (D) Rs.26200

13. A sum of Rs. 312 was divided among 100 boys and girls in such a way that each boy gets Rs. 3.60 and each girl Rs. 2.40. The number of girls is
 (A) 35 (B) 40 (C) 50 (D) 60
14. There is a 10% loss if a watch is sold for Rs.1440. At what price should it be sold to make a profit of 15%?
 (A) 1860 (B) 1800 (C) 1850 (D) 1840
15. It was compulsory to get 36% in a paper for Manoj to pass it. He only got 24% marks and failed the paper by 9 marks. The total marks for the paper was:
 (A) 66 (B) 75 (C) 50 (D) 60
16. Giridhar spends 50% of his monthly income on household items and out of the remaining spends 50% on transport 25% on entertainment, 10% on sports and saves the remaining amount of Rs.900.00. What is Giridhar's monthly income?
 (A) 6000 (B) 9000
 (C) 12000 (D) 15000
17. Two students appear for an examination. One of them secured 9 marks more than the other and his marks were 56% of the sum of their marks. The marks obtained by them are :
 (A) 39,30 (B) 43,34 (C) 41, 32 (D) 42, 33
18. A man set on a journey. He travelled for a total of 16 hours. He covered the first half of the distance at a speed of 40 km an hour and the second half of the distance at 60 km per hour. How much distance did he cover?
 (A) 384 km (B) 768 km (C) 800km (D) 960 km
19. A train of 100m in length crosses a pole in 10 seconds. What is the speed of the train?
 (A) 72 km/hr (B) 54 km/hr
 (C) 36 km/hr (D) 10 km/hr
20. **A** is twice as good a workman as **B** and is therefore able to finish a piece of work in 30 days less than **B**. In how many days they can complete the whole work; working together?
 (A) 10 days (B) 20 days
 (C) 30 days (D) 40 days
21. Rani's current age is 3 times that of her daughter, Mary. 4 years ago, Rani's age was 4 times that of her daughter, what will be Mary's age 5 years from now?
 (A) 17 years (B) 21 years
 (C) 27 years (D) 15 years
22. In a bag, there are a certain number of balls with alphabets **A**, **B**, **C** and **D** written on them. The ratio of balls **A:B:C:D** is in the ratio 4:7:3:1. If the number of '**A**' balls is 50 more than the number of '**C**' balls, what is the number of '**B**' balls?
 (A) 650 (B) 480 (C) 578 (D) 350
23. A car takes 6 hours to cover a distance of 540 km. how much should the speed in km/hr be maintained to cover the same distance in 3/2 of the previous time?
 (A) 60 km/hr (B) 62 km/hr (C) 75 km/hr (D) 77 km/hr
24. 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
25. 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.
 (A) 18 (B) 15 (C) 10 (D) 12

General Knowledge (26-40)

26. The tallest statue in the world is _____.
- (A) Spring temple Buddha, China (B) Statue of Liberty, U.S.A
(C) Christ the Redeemer, Brazil (D) Statue of Unity, India
27. Who was the captain of the Indian T20 women's cricket team which finished runner up in the World Cup held at Australia in 2020:
- (A) Mithali Raj (B) Harmanpreet Kaur
(C) Shafali Verma (D) Smriti Mandhana
28. Which one of the following countries in the European Union does not use the Euro as their currency?
- (A) Germany (B) Finland
(C) Denmark (D) France
29. Dr. Tedros Adhanom Ghebreyesus is the Head of which International Organization?
- (A) United Nations Organization (B) World Health Organization
(C) Centre for Disease Control (D) International Red Cross
30. A disease that has spread over several countries and continents affecting a large number of people is called a :
- (A) Plague (B) Epidemic (C) Pandemic (D) Outbreak
31. The Kumbh Mela is a festival that is celebrated once in 3 years. Which one of the following cities is not a venue for the celebration?
- (A) Allahabad (B) Varanasi (C) Haridwar (D) Jaipur
32. Alphonso, Badami, Chaunsa, Dasherri, and Kesar are popular varieties of which fruit in India?
- (A) Apple (B) Orange
(C) Mango (D) Grape
33. Which of the following countries has become the first to make all forms of public transport free?
- (A) Germany (B) Monaco (C) Sweden (D) Luxembourg
34. Which one of the following festivals is celebrated in the state of Kerala?
- (A) Pongal (B) Onam (C) Dusserha (D) Baisakhi
35. Shantanu Narayen is the Indian origin C.E.O of which U.S. company?
- (A) Microsoft (B) Accenture (C) Adobe Systems (D) Citi Bank
36. Who was the first Indian to win the World Amateur Billiards title?
- (A) Geet Sethi (B) Wilson Jones
(C) Michael Ferreira (D) Pankaj Advani
37. Which country has unveiled its first Artificial Intelligence based police officer called Ella?
- (A) United Kingdom (B) New Zealand (C) Australia (D) Austria
38. Who is the youngest Grand master in Chess in India?
- (A) D. Gukesh (B) R. Praggnanandha
(C) P. Negi (D) K. Sasikiran
39. Which city was the capital of America before Washington D.C.?
- (A) New York (B) Columbus (C) Tennessee (D) Philadelphia
40. Machu Pichu is an Incan city made of sparkling granite situated between two towering Andean peaks. Which country would you visit to see it?
- (A) Peru (B) Bolivia (C) Brazil (D) Ecuador

Data Interpretation (41-45)

DIRECTIONS (Questions 41-45): Study the following table and answer the questions that follow

Expenditures of a Company (in Lakh of Rupees) per Annum over the given years.

Year	Item of Expenditure				
	Salary	Fuel and Transport	Bonus	Interest on Loans	Taxes
2008	288	98	3.00	23.4	83
2009	342	112	2.52	32.5	108
2010	324	101	3.84	41.6	74
2011	336	133	3.68	36.4	88
2012	420	142	3.96	49.4	98

41. What is the average amount of interest per year which the company had to pay during this period?
(A) 32.43 Lakhs
(B) 33.72 Lakhs
(C) 34.18 Lakhs
(D) 36.66 Lakhs
42. The total amount of bonus paid by the company during the given period is approximately what percent of the total amount of salary paid during this period?
(A) 0.1%
(B) 0.5%
(C) 1.0%
(D) 1.25%
43. Total expenditure on all these items in 2008 was approximately what percent of the total expenditure in 2012?
(A) 62%
(B) 66%
(C) 69%
(D) 72%
44. The total expenditure of the company over these items during the year 2010 is?
(A) 544.44 Lakhs
(B) 501.11 Lakhs
(C) 446.46 Lakhs
(D) 478.87 Lakhs
45. The ratio between the total expenditure on Taxes for all the years and the total expenditure on Fuel and Transport for all the years respectively is approximately:
(A) 4:7
(B) 10:13
(C) 15:18
(D) 5:8

ENGLISH (46-75)

Directions (Questions 46- 50): Which word is similar in meaning to the word in capitals?

46. ROUT
(A) Procedure (B) Defeat
(C) Tame (D) Rebel
47. ASSERTIVE
(A) Willing (B) Stubborn
(C) Unreasonable (D) Dogmatic
48. SUCCINCT
(A) Pithy (B) Eminent
(C) Distinct (D) Lengthy
49. SENSATION
(A) Decision (B) Hope
(C) Feeling (D) Appreciation
50. SURROUNDINGS
(A) Air
(B) Environment
(C) Circle
(D) Flora

Directions (Questions 51-55): In each question you are provided with one definition and word options. You must choose the appropriate word for the definition:

51. To Hint
(A) Infer
(B) Imply
(C) Give
(D) Mention
52. Work with another
(A) Collaborate
(B) Corroborate
(C) Cooperate
(D) Paired
53. That which completes
(A) Complement
(B) Compliment
(C) Supplement
(D) Support
54. Every two years
(A) Bi-annual
(B) Biennial
(C) Annual
(D) Decennial
55. Very small or unimportant
(A) Negligent
(B) Negligible
(C) Ignore
(D) Neglect

56. The passage below consists of six sentences. The first and sixth sentence are given in the beginning. The middle four sentences in each have been removed and jumbled up. These are labelled as P, Q, R and S. Find out the proper order for the four sentences.

For some time in his youth Abraham Lincoln was manager for a shop.

P : Then a chance Customer would come.

Q : Young Lincoln way of keeping shop was entirely unlike anyone else's

R : Lincoln would jump up and attend to his needs and then revert to his reading.

S : He used to lie full length on the counter of the shop eagerly reading a book.

Never before had Lincoln had so much time for reading as had then.

- (A) SRQP
- (B) QSPR
- (C) SQRP
- (D) QPSR

Directions: (Questions 57-61): Pick out the most effective word(s) from the given words to fill in the blank to make the sentence meaningfully complete.

57. Books were lying _____ the curtain.
(A) after
(B) under
(C) beyond
(D) behind
58. I will write a letter to you tentatively _____ the dates of the program
(A) urging
(B) guiding
(C) indicating
(D) involving
59. Dr. Sharma concluded his speech _____ stressing on Buddha's teachings of the importance of charity.
(A) by
(B) with
(C) at
(D) in
60. Four independent _____ testified to seeing him at the crime scene.
(A) onlookers
(B) spectators
(C) witnesses
(D) persons
61. Rajeev failed in the examination because his answers were not _____ to the questions asked
(A) allusive
(B) pertinent
(C) revealing
(D) referential

Directions (Questions 62-65): Choose the alternative which best expresses the meaning of idiom/phrase that is italicised and underlined in the sentence.

62. There is no need to rake up an old quarrel.
(A) Start (B) End (C) Revive (D) Forget
63. Believe me, I am all at sea, in the current situation.
(A) Puzzled (B) Happy (C) Out of reach (D) Drowning
64. I am just a small fry in the office.
(A) Peon (B) Small creature
(C) Person of little importance (D) Joker
65. The company has been handed over to new masters, lock, stock and barrel.
(A) Partially (B) Completely
(C) Financially (D) Administratively

Directions (Questions 66-70): In each of the sentences given below a word is printed in bold. Pick up the one which is most nearly the same in meaning as the word printed in bold and can replace it without altering the meaning of the sentence.

66. He has an **insatiable** love for music.
(A) unsatisfiable (B) unchanging
(C) irreconcilable (D) undesirable
67. After the **dismal** performance of the team in the series concluded yesterday, the captain offered his resignation to the president of the club.
(A) poor (B) sorrowful (C) average (D) short
68. On a close examination the police officer found out that the documents provided by the landlord were **fabricated**
(A) genuine (B) historical (C) clear (D) forged
69. Politicians should not indulge in **mud-slinging**.
(A) quarreling (B) mockery (C) slander (D) yelling
70. He listened to my request with **indifference**.
(A) displeasure (B) concern
(C) disinterest (D) caution

Directions (Questions 71-75): In the following questions choose the word that means the exact **OPPOSITE** of the given words in Capital

71. EXODUS
(A) Influx (B) Return (C) Restoration (D) Exit
72. EXPAND
(A) Convert (B) Condense (C) Congest (D) Conclude
73. INCESSANT
(A) Continuous (B) Harsh (C) Constant (D) Intermittent
74. FRESH
(A) Stale (B) Faulty (C) Disgraceful (D) New
75. FRAUDULENT
(A) Candid (B) Forthright (C) Direct (D) Genuine

Reasoning & General Aptitude (76-100)

Directions (Questions 76-80): Find out which of the answer choices completes the same relationship with the third word that is not paired:

76. Influenza is to Virus as Typhoid is to :
- (A) Parasite
 - (B) Bacteria
 - (C) Protozoa
 - (D) Fever
77. Bread is to Bakery as Brick is to :
- (A) Furnace
 - (B) Mine
 - (C) Mint
 - (D) Kiln
78. Restaurant is to Menu as Library is to :
- (A) Book
 - (B) Catalogue
 - (C) Title
 - (D) Volume
79. Dancer is to Stage as Preacher is to:
- (A) Assembly
 - (B) State
 - (C) Pulpit
 - (D) Church
80. Sound is to Muffled as Colour is to :
- (A) Humid
 - (B) Pungent
 - (C) Bright
 - (D) Faded

Directions (Questions 81-83): Fill in the blanks in the series by looking at the letter pattern:

81. QAR, RAS, SAT, TAU, _____
- (A) UAV
 - (B) UAT
 - (C) TAS
 - (D) TAT
82. SCD, TEF, UGH, _____, WKL
- (A) CMN
 - (B) UJI
 - (C) VIJ
 - (D) IJT
83. DEC, HIG, LMK, PQO, TUS, _____
- (A) XYZ
 - (B) WXY
 - (C) XYW
 - (D) YZA

Directions (Questions 84-88): Three of the words will be in the same classification, the remaining one will not be. Which word does not belong with the others?

- 84.
- (A) Parsley
 - (B) Basil
 - (C) Rosemary
 - (D) Mayonnaise
- 85.
- (A) Dodge
 - (B) Flee
 - (C) Duck
 - (D) Avoid
- 86.
- (A) Fair
 - (B) Favourable
 - (C) Just
 - (D) Equitable
- 87.
- (A) Acute
 - (B) Obtuse
 - (C) Parallel
 - (D) Right
- 88.
- (A) Defendant
 - (B) Prosecutor
 - (C) Trial
 - (D) Judge
89. Five plays A, B, C, D and E are to be staged from Monday to Friday of a week. On each day, only one play will be staged. D or E should not be either the first or last to be staged. E should be immediately followed by C. B should be staged immediately after D. One play is staged between A and B. Which is the first play to be staged?
- (A) A
 - (B) B
 - (C) C
 - (D) D
90. In certain code SELECTION is coded as QJCARGML, the code of AMERICANS will be
- (A) YKCPGAYLQ
 - (B) BNFSJDBMR
 - (C) QLYAGPCKY
 - (D) YQKLCYPAG
91. If ROSE is coded as 6821, CHAIR is coded as 73456 and PREACH is coded as 961473, what will be the code for SEARCH?
- (A) 246173
 - (B) 214673
 - (C) 214763
 - (D) 216473

92. P, Q, R, S, T and U are six students procuring their Master's degree in six different subjects- English, History, Philosophy, Physics, Statistics and Mathematics. Two of them stay in hostel; two stay as paying guest (PG) and the remaining two stay at their home. R does not stay as PG and studies Philosophy. The students studying Statistics and History do not stay as PG. T studies Mathematics and S studies Physics. U and S stay in hostel. T stays as PG and Q stays at home.

Which of the following combinations of subjects and place of stay is not correct?

- (A) Mathematics-PG (B) English- Hostel
(C) Philosophy-Home (D) Physics-Hostel
93. Harish was looking through the family photograph album, which has a photo of each of his parent, each of his grandparents, all the way up to each of his great-great-grandparents. How many photographs were in the album?
- (A) Twelve
(B) Forty eight
(C) Thirty six
(D) Sixty two

Directions (Questions 94 & 95): Find the statement that is true according to the given information:

94. Rahul and Ram study in the same class. Rahul has secured more marks than Ram in the terminal examination. Ram's rank is seventh from the top among all the students in the class.
- (A) Rahul stood first in the examination
(B) There is at least one student between Rahul and Ram in the rank list
(C) There are at the most five students between Rahul and Ram in the rank list
(D) Ram is five ranks lower than Rahul in the rank list
95. When new television shows appeared during the month of January, five of the shows were sitcoms, three were hour-long dramas and two were news-magazine shows. By January, only seven of these new shows were still on the air. Five of the shows that remained were sitcoms.
- (A) Only one of the news-magazine shows remained on the air.
(B) Only one of the hour-long dramas remained on the air.
(C) Television viewers prefer sitcoms over hour-long dramas.
(D) At least one of the shows that was cancelled was an hour-long drama.

Directions (Questions 96-100): Identify the next number in the Series:

96. 8, 16, 64, 128, 512, 1024, ____.
- (A) 2048 (B) 4096
(C) 8192 (D) 16384
97. 2, 6, 9, 27, 30, 90, 93, ____.
- (A) 123 (B) 183
(C) 186 (D) 279
98. 2, 5, 12, 27, 58, 121, ____.
- (A) 184 (B) 248
(C) 484 (D) 232
99. 100, 99, 96, 91, 84, 75, 64, ____.
- (A) 51 (B) 49
(C) 45 (D) 44
100. 5, 6, 7, 8, 10, 12, 14, 20, ____.
- (A) 22 (B) 19
(C) 28 (D) 22

SPACE FOR ROUGH WORK

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