

CMAT Model Entrance Examination -2023 Needs Academy

Duration – 1:30 hrs

Time - 7:00 am

Instructions:

There are multiple-choice questions, each having four choices of which only one choice is correct.

Fill (●) the most probable one.

Direction: In the following Questions, choose the work which best expresses the meaning of the capitalized word.

- BRIEF**
a) Limited b) Small c) little d) Short
- ALERT**
a) Energetic b) Watchful c) Observant d) Inteligent
- HASITATED**
a) Stopped b) Paused c) Slowed d) Postpond
- RESCUE**
a) Help b) Command c) Defense d) Safety
- SIMULATE**
a) Imitate b) Excite c) Trick d) Apelike

Select the word which is closest to the opposite in meaning of the word in capital letters.

- Luminous**
a) Dim b) Clear c) Brittle d) Clever
- Arrogant**
a) Cowardly b) Egoistic c) Gentlemanly d) Humble
- Expound**
a) Besmirch b) Confine c) Confuse d) Miserable
- Abridge**
a) Shorten b) Extend c) Stress d) Easy
- Graceful**
a) Rough b) Expert c) Awkard d) Miserable

Select the proper preposition to fill in the blanks in the following question

- He reminds me _____ his old history teacher.
a) For b) to c) of d) about
- He is never late. He always comes _____ times.
a) at b) in c) right d) on
- Sabita was stopped by the police for driving _____ 55mph.
a) at b) for c) to d) on
- Go _____ these stairs until you reach the top floor.
a) through b) in c) up d) on

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- He is very good _____ telling jokes.
a) in b) at c) about d) for

In the questions given below out of four alternatives, choose the one which can be substituted for the given word/sentences.

- Extreme old age when a man behaves like a fool.**
a) Imblecity b) Senility c) Dotage d) Supernuation
- That which cannot be seen**
a) Invisible b) Intangible c) Insensible d) Unseen
- To accustom oneself to a foreign climate.**
a) Adopt b) Adapt c) Accustom d) Acclimatize
- One who knows everything**
a) Literate b) Scholar c) Omniscient d) Omnipotent
- Detailed plan of journey**
a) Schedule b) Itinerary c) Travelouge d) Travel Kit

Read the following passage and answer the questions that follow the passage , based on the options to each questions.

Courage is not only the basic unit of virtue, it is its expression. Faith, hope charity and all the rest doesn't become virtues until it takes courage to exercise them. There are roughly two types of courage. The first an emotional state which urges a man to risks injury or death, is physical courage. The second, more reasoning attitude which enables him to take coolly: his career , his happiness, his whole future or his judgement of what he thinks either right or worthwhile is moral courage.

I have know many men, who had marked physical courage, but lacked moral Courage. Some of them were in high places, but they failed to great in themselves because they lacked moral courage. On the otherhand, I have seen men who undoubetly possessed moral courage but were very cautious about taking physical risks. But I have never met a men with moral courage who couldn't whe it was reality necessary, face a situation boldly.

- A man of courage is _____**
a) Cunning b) Intelligent c) Careful d) Curious
- Physical courage is an expression of**
a) Emotion b) Deliberations c) Uncertainly d) Defiance
- A man with normal courage can**
a) Defy his enemies b) Over come
c) Be very pragmatic d) Face a situation boldly
- All virtues becomes meaningful because of**
a) Faith b) Courage c) Charity d) Hope
- People with physical courage often lack**
a) Mental balance b) Capacity for reasoning
c) Emotional stability d) will to fight

Quantitative Ability

- A sum lent out at 12% per annum compound interest for two years amounts to Rs. 15660. The sum lent is**

27. The interest rate that doubles a sum in 10 years is
 a) Rs. 12000 b)Rs. 12250 c) Rs 12484 d) Rs 12880
 a) 12% b) 11% c) 10% d) 9%
28. What least number must be added to 1056, so that the sum is completely divisible by 23?
 a)2 b)3 c) 18 d) 21
29. Ramesh invested a sum of money at simple intrest at a certain rate of intrest for three years. Had it been invested at a 4% higher rate, it would have fetched Rs. 480 more, Find out the principal amount that was invested by Ramesh?
 a) Rs 3000 b) Rs 4000 c) Rs 5000 d) Rs 4500
30. A salary of an officer being increased by 10% every year becomes Rs 48400 in the third year. What was his original salary?
 a) Rs 45000 b) Rs 44000 c) Rs 42000 d) Rs 40000
31. 60 is 80% of which number ?
 a) 60 b) 72 c) 75 d) 80
32. What 10,000 is increased by 0.1%
 a) 10001 b) 10010 c) 10100 d) 11000
33. The square root of 130321 is
 a) 121 b) 231 c) 361 d) 661
34. Which of the following number is divisible by 12 but not by 8
 a) 72 b) 88 c) 108 d) 120
35. The average of x and y is 40. If z=10, what is the average of x , y and z?
 a) 16.6 b) 20 c) 25 d) 30
36. In the mixture 60 litre, the rario of the milk and water is 2:1. If the ratio is to be 1:2, then the quantity of water to be further added is
 a)20 litre b) 30 litre c) 40 litre d) 60 litre
37. The smallest four digit number divisible by 6,8 and 16 is
 a) 1000 b) 1002 c) 1004 d) 1008
38. The sum of money is divided equally among n children, each child will receive Rs.60 If another child is added to the group, then when the sum is divided equally among all children, each child will receive a Rs.50 share. What is the sum of money?
 a) Rs.100 b) Rs.120 c) Rs.300 d) Rs.400
39. Two numbers are respectively 20% and 50% more than a third number. The ratio of two number is
 a) 2:5 b) 3:5 c) 4:5 d) 6:7
40. If there are 5 routes for travelling two places A and B, How many option are there for a person to travel from A to B and return back?
 a) 5 b) 10 c) 9 d) 25
41. If $5a = 3b = 25$ then $30ab = ?$
 a) 100 b) 150 c) 625 d) 1250
42. Arun obtained 76,65,82,67 and 85 marks(out of 100)in English, Mathematics, Chemistry, Biology and Physics. What is the average marks?
 a) 53 b) 54 c) 72 d) 75
43. $0.3 \times 0.06 =$
 a) 0.00018 b) 0.0018 c) 0.018 d) 0.18
44. If $8x + 4 = 32$, then $2x - 1 = ?$
 a) 9 b) 8 c) 6 d) 5
45. A man buys Rs.20 shares paying 9% dividend. The man wants to have an intrest of 12% on his money. What is the market value of each share ?
 a) Rs. 12 b) Rs. 18 c) Rs. 15 d) Rs. 21

Find the odd man out.

46. **2, 5, 10, 17, 26, 37, 50, 64**
 a) 50 b) 26 c) 37 d) 64
47. **10, 25, 45, 54, 60, 75, 80**
 a) 10 b) 45 c) 54 d) 75
48. **3, 5, 11, 14, 17, 21**
 a) 21 b) 17 c) 14 d) 3
49. **1, 4, 9, 16, 23, 25, 36**
 a) 9 b) 23 c) 25 d) 36
50. **23, 25, 26, 28, 29, 30**
 a) 26 b) 28 c) 29 d) 30

LOGICAL REASONING

Select the pair of words which best express the relationship similar to that expressed similar to that expressed in the pair in bold letters.

51. **Platform : Train ::**
 a) Areoplane : Aerodrome b) Hotel : Tourist
 c) Qua : Ship d) Foothpath : Traveller
52. **Doctor : Lawyer**
 a) Client : Illness b) Cint : Nursing
 c) Patient : Litigation d) Patient : Client
53. **Chalk : Blackboard**
 a) Type : Point b) Table : Chair
 c) Door : Handle d) Ink : Paper
54. **Biratnagar : Morang ::**
 a) Kathmandu : Nepal b) Butwal : Bhairahawa
 c) Birjung : Parsa d) Bharatpur : Ratnanagar
55. **Rent : Land ::**
 a) Wages : Bonus b) Intrest : Capital
 c) Share : Profit d) Income : Salary
56. **Sunrise : Sunset ::**
 a) Morning : Night b) Dawn : Twilight
 c) Noon : Midnight d) Energetic : Lazy
57. **River : Ocean ::**
 a) Child : School b) Book : Library
 c) Lane : Road d) Cloth : Body
58. **Patient : Client ::**
 a) Client : Illness b) Patient : Medicine
 c) Medicine : Fee d) Doctor : Lawyer
59. **Room : House ::**
 a) Chair : Room b) Cabin : Ship
 c) Wheel : Chair d) Refrigerator : Kitchen
60. **Border : Country ::**
 a) Pen : Cap b) Book : Cover
 c) Frame : Picture d) Handle : Shade

Choose the word which is least like other words in the group.

61. a) Telescope b) Microscope c) Binocular d) Thermoscope
 62. a) 221 b) 333 c) 556 d) 777
 63. a) Lady b) Ornament c) Sandals d) Necktie
 64. a) Birgunj b) Mahendranagar c) Bhadrapur d) Ithari
 65. a) Cheese b) Butter c) Milk d) Yoghurt
 66. a) Sit b) Walk c) Run d) Jog
 67. a) Kabul b) Perth c) Colombo d) Jakarta
 68. a) 91 b) 112 c) 135 d) 154
 69. a) Reward b) Crime c) Offence d) Punishment
 70. a) Now b) Cow c) Low d) How

For each question, find the best answer.

71. If SELDOM is coded as MODELS, then HELPER is written as
 a) REPLEH b) PEELHR c) LEHPER d) PERHEL
 72. If 6164 stands for FADE and 9451 stands for IDEA, what does 8978 stands for ?
 a) THIS b) NIGH c) HIGH d) THAT
 73. If BAD is coded as YAW and FIGHT is coded as URTSG, the HIGH will be coded as
 a) PRSP b) TRST c) RSTR d) SRTS
 74. If $2 \times 2 = 812$ and $4 \times 5 = 1620$ then 6×7
 a) 6677 b) 6767 c) 2428 d) 2824
 75. If LN NP QS DF stands for MORE then SU QS TV SU GI stands for
 a) FRUIT b) FAITH c) TRUTH d) TREES

GENERAL KNOWLEDGE

76. Which country is known as land of kangaroo ?
 a) Austria b) Australia c) Germany d) Polland
 77. Suke Tal is located in
 a) Kaski b) Palpa c) Manang d) Nuwakot
 78. Which country is the winner of T20 World Cup in 2014 ?
 a) India b) Pakistan c) Sri Lanka d) Afganistan
 79. What is the national game of Afganistan ?
 a) Buzkhasi b) Pato c) Kabaddi d) Baseball
 80. Genetics is the science of
 a) Bodily b) Heredity c) Silkworm d) Earth
 81. Nepals first Highway
 a) Tribhuvan b) Siddhartha c) Prithivi d) Madan Bhandari
 82. Who invented the numerical 0
 a) Albert Einstein b) Arya Bhatta c) Thomas Eddition d) Satya Narayan
 83. Till now how many MW electricity is produced here in Nepal ?
 a) 1140 MW b) 1141 MW c) 1142 MW d) 1143 MW
 84. Chinnamasta Temple is located in
 a) Jhapa b) Morong c) Sunsari d) Saptari
 85. Who is the second Miss Nepal of Nepal ?
 a) Sumi Khadka b) Namrata Shrestha c) Reecha Sharma d) Swetha Khadka

86. First chair man of Public Service Commission of Nepal
 a) Khilraj Regmi b) Anirudhra Singh c) Lok man Singh d) Ramesh Thapa
 87. In which country has no police and no jail ?
 a) Isreal b) Swizerland c) Iceland d) Singapore
 88. Which country invented the playing cards?
 a) India b) USA c) China d) Russia
 89. Fastest transmission diseases
 a) common cold b) diarrhea c) HIV aids d) Cancer
 90. How many bones are there in human face ?
 a) 10 b) 12 c) 14 d) 16
 91. Where is the headquarter of the world bank ?
 a) New York b) Washington DC c) Nairobi d) Paris
 92. Longest river in the world?
 a) Nile b) Indus c) Ganga d) Amazon
 93. Thailand is to Bhat as Indonesia is to
 a) Dollar b) Yan c) Rupiah d) Dirham
 94. A web sites main page is called as
 a) website page b) home page c) search page d) browser page
 95. Fathometer is used to measure the
 a) Earthquake b) Rainfall c) Sound intensity d) Ocean depth
 96. Bulls and bears are the terms associated to
 a) parliament b) stoke exchange c) bull fight d) racing
 97. Which country do sinologists study ?
 a) Japan b) China c) Korea d) Singapore
 98. What was the first movie of James Bond ?
 a) Dr. No. b) Don c) Thunderbolt d) Star Wars
 99. The vegetable Broccoli belongs to which family
 a) Cabbage b) Cauliflower c) Potato d) Spanish
 100. What is the national flower of Japan ?
 a) Rose b) Marry gold c) White lily d) Chrysanthemum

Best of Luck!

Answer of Set I (CMAT)

1. d	2. b	3. b	4. a	5. a	6. a	7. d	8. c	9. b	10. c
11. c	12. a	13. a	14. a	15. b	16. c	17. a	18. d	19. c	20. c
21. c	22. a	23. d	24. b	25. b	26. c	27. c	28. a	29. b	30. c
31. c	32. d	33. c	34. c	35. d	36. a	37. d	38. c	39. c	40. d
41. d	42. d	43. d	44. c	45. c	46. c	47. c	48. c	49. b	50. c
51. b	52. c	53. a	54. a	55. c	56. d	57. c	58. d	59. b	60. d
61. c	62. c.	63. d	64. c	65. a	66. a	67. b	68. c	69. a	70. b
71. a	72. c	73. d	74. c	75. c	76. b	77. d	78. c	79. a	80. b
81. a	82. b	83. c	84. d	85. a	86. b	87. c	88. c	89. a	90. c
91. b	92. a	93. c	94. b	95. d	96. b	97. b	98. a	99. a	100. d