

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.

Directions: Pick out the nearest correct meaning or synonym of the words given below:

1. **Fallacy**
a. A wrong idea or belief
c. falsely implicated
b. something not expected
d. Under the command of
2. **Impeccable**
a. Faulty
c. intolerable
b. Ductile
d. Flawless
3. **Witty**
a. Ingenious
c. Folish
b. Speedy
d. Awkward
4. **Slump**
a. High spirits
c. sharp fall
b. low spirits
d. Nexus
5. **Succumb**
a. Feel ashamed
c. Smoother
b. to yield
d. Shrine

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

6. **Plants absorb moisture in the air.**
a. for
c. from
b. in
d. to
7. **It is vain to calculatean uncertain result.**
a. upon
c. for
b. over
d. into
8. **Place of honour and confidence are freeall.**
a. for
c. with
b. among
d. to
9. **Can you guess the moral of the story?**
a. on
c. at
b. upon
d. over
10. **I hope you will excuse me for encroaching valuable time.**
a. upon
c. over
b. with
d. at

Select the lettered expression that most nearly expresses the meaning of the given idioms and phrase.

11. **To call a spade spade.**
a) To speak the plain truth
c) To make a beginning
b) to work on ground
d) A false praise
12. **To break the ice**
a) to break the promise
c) To break the silence to get over initial shyness
b) to work in winter
d) To lay the foundation
13. **A cat and dog life**
a) Best understanding with colleagues
c) Always quarreling
b) Friendship among the people of same class
d) Purposeless
14. **To be lost in clouds.**
a) To be perplexed
c) To imagine about something impossible.
b) To fly deep in the clouds.
d) To achieve unprecedented success.
15. **Spread like wild fire**
a) To circulate information quickly
c) To make publicity
b) To circulate information slow by slow
d) Unable to stop.

Select the best words or phrase which correctly fills the blanks.

The gold price fell 1000 rupees per Ten grams over the week, led by a fall in

international prices. The data of Nepal Gold and silver Dealers Associations shows that thethe yellow precious metalat Rs.14,015 per ten grams and ended at Rs.13,960. Gold traders said better-than expected june jobs reports from US Labour Department supported the dollar..... other major currencies and prompted a dropgold price.

16. a) by
17. a) price off
18. a) begin
19. a) against
20. a) on
- b) off
b) price of
b) begun
b) for
b) upon
- c) into
c) price to
c) Began
c) with
c) of
- d) upon
d) price for
d) beginning
d) upon
d) in

The question below have a statement followed by four words. Select the word which is closet in meaning to the statement.

21. **One having less blood**
a) spinster
c) anemia
b) irritable
d) misanthrope
22. **Capable of living both on land and water**
a) amphibians
c) omnivorous
b) cannibals
d) carnivorous
23. **One who hates mankind**
a) callous
c) amphibious
b) neurotic
d) misanthropist
24. **Happening in once five years.**
a) finale
c) finetess
b) quinquennial
d) biannual
25. **Something no longer in use**
a) avaricious
c) obsolete
b) censured
d) ineffaceable

Quantitative Ability

26. **Two successive discount of 20% and 15% is equivalent to a single discount of.**
a) 18%
c) 32%
b) 24%
d) 36%
27. **Two tailors X and Y are paid a total amount of Rs.550 per week by their employer. If X is paid 120% of the sum paid to Y, how much is Y paid per week.**
a) Rs.200
c) Rs.300
b) Rs.250
d) None of these
28. **The true discount on a bill due 9 months hence at 16% per annum is Rs. 189. The amount of the bill is .**
a) Rs.1386
c) Rs.1575
b) Rs.1764
d) Rs.2268
29. **The average monthly income P and Q is Rs.5050. The average monthly income of Q and R is Rs.6250 and the average monthly income of P and R is Rs.5200. The monthly income of P is**
a) 3500
c) 4050
b) 4000
d) 5000
30. **A can do a certain work in the same time in which B and C together can do it. If A and B together could do it in 10 days and C alone in 50 days, then B alone can do it in.**
a) 15 days
c) 25 days
b) 20 days
d) 30 days
31. **3 pumps, working 8 hours a day, can empty a tank in 2 days. How many hours a day must 4 pumps work to empty tank in 1 day**
a) 9
c) 11
b) 10
d) 12
32. **The compound interest on a certain sum for the first year for 4% is Rs. 25. The compound interest for 2 years at the same rate on the same sum will be.**
a) Rs.50
c) Rs. 53
b) Rs. 51
d) Rs.54
33. **What are the least number of square tiles required to pave the floor of a room 15m 17cm long and 9m 2cm broad?**
a) 714
c) 850
b) 814
d) 866
34. **The sum of age of 5 children born at the intervals of 3 years each is 50 years. What is the age of the youngest child?**
a) 4 years
c) 10 years
b) 8 years
d) none of these
35. **The sum of three numbers is 98. If the ratio of the first to second is 2:3 and that of the second to the third is 5:8, then the second number is**
a) 20
c) 48
b) 30
d) 58
36. **In a class of 50 students, 18 take music, 26 take art & 2 take both art &**

- music. How many students in the class are not enrolled in either music or art?
 a)6 b) 8 c) 10 d) 12
37. If n is an integer, then which one of the following expressions must be even?
 a) n^2+1 b. $n(n+2)$ c. $n(n+1)$ d. $n(n+4)$
38. The value of $x^2+5x=12-x^2$
 a) $3/2$ and -4 b. 3 and 4 c. 3 d. 2 and $4/3$
39. Look at the series: 7,10,8,11,9,12,.... What number should come next?
 a.7 b. 10 c. 12 d. 13
40. The sum of the first five prime number
 a.26 b. 27 c. 28 d. 29
41. If $p-q = 3$ and $p^2+q^2 = 29$. Find the value of pq.
 a. 7 b. 8 c. 9 d. 10
42. What is the probability of getting a sum of 9 from two throws of a dice?
 a. $1/6$ b. $1/8$ c. $1/9$ d. $1/12$
43. In how many different ways can the letter of the word 'CORPORATION' be arranged so that the vowels always come together?
 a. 810 b. 1440 c. 2880 d. 50400
44. A school community consists of two teacher and four student. The number difference communities that can be formed from five teacher and ten student is
 a) 8 b) 10 c) 15 d) 2100
45. The average of three number is 100 to integers are 119 and 120 then what is the value of third number
 a) 1 b)10 c)61 d) 71
46. ABC is right angled triangle perpendicular with side equal to 8,and the base side equal to 6. The hypotenuse side is equal to
 a) 10 b) 9 c) 7 d) 5
47. The two roots of the quadratic equation $x^2-8x+15= 0$ are
 a) 2 and 5 b) 3 and 5 c) 4 and 5 d) 5 and 5
48. Which of the following is a solution to the equation $x^4-2x^2=- 1$?
 a) 0 b) 1 c)2 d) 3
49. If the angle of elevation of an electric bulb on a tower is 45° when observer from the ground at a distance of 45 meters from the foot of the tower, then the height of the tower in meter is
 a) 40 b) 45 c) 60 d) 75
50. A and B invest in the business in the ratio of 3:2. If 5% of the total profit goes to charity and A's share is RS.855 the total profit is
 a) 1425 b) 1500 c) 1537.50 d) 1576

LOGICAL REASONING

Select the logically best answer

51. Clothes dry soon in summer because
 a) there are less water droplets in air b) no rain falls in summer
 c) houses are very warm d) people use heater to dry them
52. People use raincoats during monsoon because
 a) they provide protection agents cold b)they are costly
 c) they are to be used sometimes d) they protects us from getting wet
53. Mercury is used in glass thermometer instead of alcohol because
 a) less mercury is wanted b) mercury doesnot strink
 c) mercury doesnot stink to glass d) alcohol is very costly
54. People in Nepal eat rice because
 a) rice is grown in the terai b) people can import it from india
 c) rice is a staple food for them d) it is not expensive
55. Blood transfusion is very popular this days because

- a) it is easily available b) it saves life
 c) there is no tax on rice d) everybody can conducts it
56. We use leather shoes because
 a) they are made in Nepal b)they are more comfortable
 c)we can kill animals and for their skin d) people are mostly cobblers

Direction:Choose the word that is necessary part of the given word.

57. Dome
 a) rounded b) governmental c) coppery d) geodesic
58. Dictionary
 a) telephone b) listening c) computer d) names
59. Glacier
 a) mountain b) winter c) ice d) pre-history
60. Contract
 a)agreement b)document c)written d) attorney

Which words doesnot belongs to others

61. a.wing b.fin c.beak d.rudder
 62. a.core b.seeds c.pulp d. slice
 63. a.peninsula b.island c.bay d. cape
 64. a.fear b.judged c.equiptable d. favorable
 65. a.beautiful b.unique c.rare d. exceptional

Select the best sentence which signifies similar meaning.

66. Sound : cacophony
 a) taste : style b) touch : massage c)smell : stench d) sight : panorama
67. Aerie : Eagle
 a) capital : government b) bridge : architect c) unit : apartment d) house : person
68. Professor : Erudita
 a) aviator : silenced b) inventor : imaginative
 c) overseer : wealthy d) procrastinatro : conscientious
69. Deltoid : Muscle
 a) blood : vein b) radius : bone c) brain : nerve d) tissue : organ
70. Juandice : liver
 a) rash : skin b) dialysis : kidney c) smog : lung d) valentine : heart
71. In a sentence language MADRAS is coded as NBESBT , who is BOMBAY code
 a) CPNCBX b) CPNCBZ c) CPOCBZ d) CQOCBZ
72. In a certain code MANISHA is written as AMINSHA. Who is NABINA in that language
 a)ANIBAN b)NAINAN c)ANIBNA d)ANBINA
73. If book is called copy , copy is called pen, pen is called bed, bed is called ink. What does a person write?
 a) copy b)book c)bed d) ink
74. In a certain code language 725, means bright little boy , 145 means tall and big boy & 637 means beautiful little flower , which digit in that language means bright ?
 a)1 b)2 c)3 d)4
75. If BIRD = 3471, KIDE = 5406, DEAR = 3687 and DUCK=
 a)1295 b)1285 c) 1235 d)1275
76. Which is the deepest river of the Nepal ?
 a) Gandaki b) Myarsangdi c) Koshi d) Karnali
77. Where is Indrasarowar lake located
 a) Kathmandu b) Makwanpur c) Surkhet d) Nuwakot
78. Which is the only bird found in Nepal?
 a) Danfe b) Dove c) Kande Vyakur d) Ostrich
79. Which is the tallest temple of the Nepal?
 a) Pashupatinath b) Boudhanath c) Shyambhunath d) Nautale darbar

80. **To entitled the 'Rana'**
 a) Junga Bahadur Rana b) Chandra Bahadur Rana
 c) Prithivi Bahadur Rana d) Dev Shamsher Rana
81. **The main crop of Nepal is**
 a) paddy b) wheat c) Maize d) Barley
82. **Goal Setting theory was proposed by**
 a) Kurt Lewin b) Edwin Lock c) David Ricardo d) Henry Fayaol
83. **First person of Nepal who visit the world ?**
 a) Dambar Shamsher b) Ravi Shamsher
 c) Keshar Shamsher d) Chandra Shamsher
84. **Father of psychology**
 a) Adam Smith b) F.W. Taylor
 c) Elton Mayo d) William James
85. **Full form of LC**
 a) Letter of credit b) Letter of constant
 c) Letter of content d) letter of capital
86. **Establishment date of world bank is**
 a) 1942 b) 1944 c) 1945 d) 1946
87. **Green flag dedicate the sumbol of**
 a) bravery b) truth and loyalty c) hope d) peace
88. **Gerontology is the study of**
 a) cloud b) kidney c) cancer d) old age
89. **WWW stands for**
 a) World Wide Web b) World Wide Wife
 c) World Wide Wave d) World Wildlife Wave
90. **1 MB is equal to**
 a) 512 Kb b) 1024 Kb c) 2048 Kb d) 4096 Kb
91. **Largest production of coffee is in**
 a) USA b) China c) Brazil d) Mexico
92. **Father of science**
 a) Thomas Alba Edison b) Issac Newton
 c) Charles Darwin d) Albert Einstein
93. **Land of cakes**
 a) Scotland b) Island c) Austria d) Australia
94. **Which country is known as the country of sunset ?**
 a) USA b) Britian c) Norway d) Sweden
95. **City of silvers**
 a) Rome b) New York c) Algiers d) Belgium
96. **Which mountain is called the killer mountain?**
 a) Mt. Everest b) Mt. Annapurna c) Mt. Dhaluagiri d) Mt. Manaslu
97. **Who invented the electric battery?**
 a) Alexander Volta b) Albert Einstein
 c) Charles Cross d) Thomas Elba Adison
98. **How many mountains are open for climbing in Nepal ?**
 a) 320 b) 326 c) 330 d) 335
99. **The currency of Iraq Is**
 a) rupee b) dinar c) peso d) dollar
100. **First female engineer of Nepal ?**
 a) Suchita Shrestha b) Sushila Karki
 c) Shanti Malla d) Chandra Kala Kiran

Thank you!

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

CMAT MODEL SET II ANSWERS