



CMAT MODEL TEST

FM: 100

TIME: 90 minutes

PM: 40

Verbal Ability

Direction: Select the word which is/are closest to the meaning of bold word.

1. Quota

- (a) Quotation (b) Quote (c) Limited number (d) Unlimited quantity

2. Plumb

- (a) Thin (b) Fat (c) Chubby (d) Plumber

3. Visualize

- (a) To see future (b) Vision
(c) Void (d) Vector

4. Compassion

- (a) Comparison (b) Cost
(c) Love (d) Hate

5. Unison

- (a) Union (b) Complete (c) Care (d) Universal

Direction: Complete the following sentences with the appropriate choice from among the options that follow:

6. All of the following are sedimentary rocks except ...

- (a) mica (b) gravel (c) sand (d) soil

7. We lost confidence in him because he never the grandiose promises he made.

- (a) forgot (b) tried (c) delivered on (d) relied upon

8. Some very durable plastics when exposed to sunlight.

- (a) harden (b) stagnate (c) decay (d) decompose

9. When Hari left the cocktail party he was quite

- (a) drunk (b) driving (c) amazed (d) lofty

10. We had to pay more taxi fare because the taxi driver brought us by a route.

- (a) Short (b) Longest (c) Alternative (d) High speed

Direction: Each question below consists of an idiom or phrase followed by four lettered expression. Choose the lettered expressions that most nearly express the meaning of the idiom or phrase.

11. Throw a party

- (a) Leave the party (b) Celebrate

(c) Throw food in the party

(d) Start conflict in the party

12. The rest is history

(a) History takes rest

(b) Known to everyone

(c) To avoid historical facts

(d) History repeats itself

13. Live like a king

(a) Live a very high quality life

(b) Live like king of Nepal

(c) Live the life of a saint

(d) Live like Indra, the king of Heaven

14. Warm as toast

(a) Very hot

(b) Very fresh

(c) Lukewarm

(d) Cold

15. Ride out the storm

(a) To overcome difficulty

(b) To come out in the storm

(c) To play in the storm

(d) Ride a horse

Direction: The following paragraph has a number of blanks marked 16 - 20 followed by a set of options. Mark the options that best complete the blanks.

Rarely in life there is a...16...where only one answer is...17... In fact, even...18..., there is only one right ...18... often... 19....to an ill thought out ...20....

16. (a) Situation

(b) State

(c) Time

(d) Opportunity

17. (a) Wrong

(b) Correct

(c) Inaccurate

(d) Approximate

18. (a) Taking

(b) Assuming

(c) Repeating

(d) Reading

19. (a) Leads

(b) Backs

(c) Begins

(d) Ends

20. (a) Decision

(b) Dream

(c) City

(d) Story

Direction: The following passage is followed by questions based on its contents. After reading the passage, choose the best answer to each question.

What it means to “explain” something in science often comes down to the application of mathematics. Some thinkers hold that mathematics is a kind of language—a systematic contrivance of signs, the criteria for the authority of which are internal coherence, elegance, and depth. The application of such a highly artificial system to the physical world, they claim, results in the creation of a kind of statement about the world. Accordingly, what matters in the sciences is finding a mathematical concept that attempts, as other language does, to accurately describe the functioning of some aspect of the world.

At the center of the issue of scientific knowledge can thus be found questions about the relationship between language and what it refers to. A discussion about the role played by language in the pursuit of knowledge has been going on among linguists for several decades. The debate centers on whether language corresponds in some essential way to objects and behaviors, making knowledge a solid and reliable commodity; or, on the other hand, whether the relationship between language and things is purely a matter of agreed-upon conventions, making knowledge tenuous, relative, and inexact.

21. What is used to explain things in science?

- (a) Physics (b) Logic (c) Mathematics (d) Knowledge

22. What is mathematics?

- (a) Numbers (b) Language (c) Formulas (d) Difficult to solve

23. What type of system is mathematics?

- (a) Real (b) Group of numbers
(c) Very difficult to understand (d) Artificial

24. Who is a linguist?

- (a) A professor (b) Expert in science of language
(c) Expert in mathematics (d) One who knows several languages

25. What is the debate about?

- (a) Weakness of language (b) Weakness of mathematics
(c) Relationship of language (d) Language and mathematics

Quantitative Aptitude

26. H.C.F. of 513, 1134 and 1215 is _____

- (a) 18 (b) 27 (c) 33 (d) 36

27. Find the least number which is exactly divisible by 12, 15, and 20.

- (a) 40 (b) 50 (c) 60 (d) 80

28. If there are 6 terms in a series, then find the sum of geometric series 2, 6, 18, 54, ...

- (a) 758 (b) 728 (c) 754 (d) 738

29. If $6 + 12 + 18 + 24 + \dots = 1800$, then find the number of terms in the series.

- (a) 21 (b) 22 (c) 23 (d) 24

30. Reema can complete a piece of work in 12 days while Seema can the same work in 18 days. If they both work together, then how many days will be required to finish the work?

- (a) 6 days (b) 7.2 days (c) 9.5 days (d) 12 days

31. Two painters 'P₁' & 'P₂' paint the bungalow in 3 days. If P₁ alone can paint the bungalow in 12 days, in how many days can 'P₂' alone complete the same paint work?

- (a) 4 days (b) 6 days (c) 9 days (d) 12 days

32. Pooja is twice as efficient as Aarati and takes 90 days less than Aarati to complete the job. Find the time in which they can finish the job together.

- (a) 30 days (b) 45 days (c) 60 days (d) 90 days

33. Find the average of all numbers between 5 and 49 which are divisible by 5.

- (a) 20 (b) 25 (c) 30 (d) 35

34. The average of four consecutive even numbers is 27. Find the largest of these numbers.

- (a) 28 (b) 30 (c) 32 (d) 34

35. Find the compound interest on Rs. 20,000 in 2 years at 4 % per annum, the interest being compounded half-yearly.

- (a) Rs. 1648.64 (b) Rs. 1596.32 (c) Rs. 14826.56 (d) Rs. 11563.99

36. A amount of Rs. 500 amounts to Rs. 583.20 in two years if compounded annually. Find the rate of interest per annum.

- (a) 5.6 % (b) 6 % (c) 8 % (d) 9.2 %

37. The difference between C.I. and S.I. on a certain sum at 10 % per annum for 2 years is Rs. 530. Find the sum.

- (a) Rs. 53000 (b) Rs. 57500 (c) Rs. 69800 (d) Rs. 28090

38. A shopkeeper sells an article for Rs. 200 with a loss of Rs. 20 %. Find the cost price of the article.

- (a) 220 (b) 250 (c) 280 (d) 260

39. If a boy sells a book for Rs. 450 he gets a loss of 10 %, then find cost price. To gain 10 %, what should be the selling price?

- (a) 400, 500 (b) 550, 600 (c) 500, 550 (d) 475, 525

40. S.P. of 10 candles is same as C.P. of 12 candles. Find the gain percent.

- (a) 11 % (b) 15 % (c) 20 % (d) 25 %

41. Rahul is 15 years elder than Rohan. If 5 years ago, Rahul was 3 times as old as Rohan, then find Rahul's present age.

- (a) 32.5 years (b) 27.5 years (c) 25 years (d) 24.9 years

42. One year ago, ratio of Harry and Peter ages was 5:6 respectively. After 4 years, this ratio becomes 6:7. How old is Peter?

- (a) 25 years (b) 26 years (c) 31 years (d) 35 years

Direction: Find the missing number.

43. 8, 16, 32, 64, 128, 256, ____, 1024

- (a) 423 (b) 512 (c) 896 (d) 980

44. 11, 13, 17, 19, 23, 29, _____

- (a) 31 (b) 33 (c) 51 (d) 43

45. 15, 33, 69, 141, ____, 573, 1149

- (a) 151 (b) 169 (c) 285 (d) 456

46. How many words can be formed by using letters of the word 'NEPAL'?

- (a) 50 (b) 72 (c) 85 (d) 120

47. Find in how many different ways, the letters of the word 'LEADING' can be arranged in such way that the vowels always come together?

- (a) 548 (b) 426 (c) 720 (d) 790

48. Out of 5 consonants and 4 vowels, how many words of 3 consonants and 2 vowels can be formed?

- (a) 60 (b) 1200 (c) 5230 (d) 7200

49. A bag contains 2 white marbles, 3 black marbles and 4 red marbles. Find in how many ways, 3 marbles can be drawn, so that at least one black marble is included in each draw?

- (a) 64 (b) 52 (c) 58 (d) 36

50. From a pack of 52 cards, one card is drawn at random. Find the probability that the drawn card is a club or a jack?

- (a) 17/52 (b) 8/13 (c) 4/13 (d) 1/13

Logical Reasoning

Directions: In each of the following questions, there is a certain relationship between two given words on one side of :: and one word is given on another side of :: while another word is to be found from the given alternatives having the same relation with this word as the words of the given pair bear. Choose the correct alternative.

51. Moon : Satellite :: Earth : ?

- (a) Sun (b) Planet (c) Solar system (d) Asteroid

52. Forecast : Future :: Regret : ?

- (a) Present (b) Atone (c) Past (d) Sins

53. Influenza : Virus :: Typhoid : ?

- (a) Bacillus (b) Parasite (c) Protozoa (d) Bacteria

54. Fear : Threat :: Anger : ?

(a) Compulsion (b) Panic (c) Provocation (d) Force

55. Melt : Liquid :: Freeze : ?

(a) Ice (b) Condense (c) Solid (d) Crystal

Directions: In each of the following questions, there is a certain relation between two given numbers on one side of :: and one number is given on another side of:: while another number is to be found from the given alternatives, having the same relation with this number as the numbers of the given pair bear. Choose the best alternative.

56. 6 : 18 :: 4 : ?

(a) 2 (b) 6 (c) 8 (d) 12

57. 21 : 3 :: 574 : ?

(a) 23 (b) 82 (c) 97 (d) 113

58. 7528 : 5306 :: 4673 : ?

(a) 2367 (b) 2451 (c) 2531 (d) 2552

59. 121 : 12 :: 25 : ?

(a) 1 (b) 2 (c) 6 (d) 7

60. 42 : 20 :: 64 : ?

(a) 31 (b) 32 (c) 33 (d) 34

Directions: In each of the following questions, five words have been given, out of which four are alike in some manner and the fifth one is different. Choose out the odd one.

61. (a) Kiwi (b) Eagle (c) Emu (d) Penguin

62. (a) Lake (b) Sea (c) River (d) Pool

63. (a) Arrow (b) Axe (c) Knife (d) Dagger

64. (a) Sun (b) Moon (c) Star (d) Universe

65. (a) House (b) Cottage (c) School (d) Palace

Directions: In each of the following questions, four pairs of words are given out of which the words in three pairs bear a certain common relationship. Choose the pair in which the words are differently related.

66. (a) Stamp : Letter (b) Ticket : Train

(c) Ink : Pen (d) Car : Engine

67. (a) Husband : Wife (b) Lion : Fox

(c) Dog : Cat (d) King : Minister

68. (a) Shopkeeper : Customer (b) Doctor : Patient

(c) Lawyer : Client (d) Clerk : File

69. (a) Mercury : Sun (b) Moon : Earth
(c) Star : Galaxy (d) Wheel : Axle
70. (a) Death : Disease (b) Milk : Butter
(c) Grape : Wine (d) Water : Oxygen

Directions: In each of the following questions, four numbers are given. Out of these, three are alike in a certain way but the rest one is different. Choose the one which is different from the rest three.

71. (a) 43 (b) 53 (c) 63 (d) 73
72. (a) 10 (b) 26 (c) 24 (d) 21
73. (a) 51 (b) 144 (c) 64 (d) 121
74. (a) 15 (b) 21 (c) 24 (d) 28
75. (a) 324 (b) 244 (c) 136 (d) 352

General Awareness

76. Who is the first Nepali Sportsperson to win a medal in international games?

- (a) Sabita Rajbhandari (b) Baikuntha Manandhar
(c) Jeet Bahadur KC (d) Bidhan lama

77. During World War 2, when did Germany attack France?

- (a) 1940 (b) 1941 (c) 1942 (d) 1943

78. Which Mountain is known as The Killer Mountain?

- (a) Annapurna (b) Lothse (c) Mt. Everest (d) Manaslu

79. When was TU established?

- (a) 2013 BS (b) 2016 BS (c) 2008 BS (d) 2021 BS

80. Nepal became the member of which first international organization?

- (a) ECAFE (b) UNO (c) SAARC (d) ASEAN

81. When is World Tourism Day?

- (a) September 16 (b) January 21
(c) September 27 (d) March 21

82. When is world Health day?

- (a) September 7 (b) October 8
(c) May 8 (d) April 7

83. Which world organization motto is "A World free of poverty"?

- (a) Red Cross Society (b) Rotary International
(c) IMF (d) World Bank

84. "New World. New Thinking" is the slogan of which MNC?

- (a) Acer (b) IBM (c) Intel (d) Lenovo

85. Which bank installed the first ATM in Nepal?

- (a) Himalayan Bank (b) Nabil Bank
(c) Kumari Bank (d) Nepal Investment Bank

86. Which country is the largest importer of Nepalese goods?

- (a) USA (b) Germany (c) Japan (d) India

87. The market with only one seller is called?

- (a) Monopoly (b) Monosony (c) Oligopoly (d) Monospsony

88. SAFTA has come into effect from?

- (a) Jan. 1, 2006 (b) Jan. 1, 2010
(c) June 1, 2005 (d) June. 1, 2008

89. Whose autobiography was "The long walk to freedom"?

- (a) Mahatma Gandhi (b) Nelson Mandela
(c) Md. Ali Jinnah (d) Subash Chandra Bose

90. Which country does sinologist study?

- (a) Japan (b) China (c) Korea (d) Singapore

91. To which country the Nikkei Index belong to?

- (a) Hong-Kong (b) China (c) Japan (d) Singapore

92. Mig series of fighter planes are built by?

- (a) China (b) Russia (c) France (d) USA

93. Which county is the largest producer of corn?

- (a) Russia (b) China (c) Japan (d) India

94. Who is known as 'Aashu Kabi'?

- (a) Lekhnath Poudel (b) Shambhu Prasad
(c) Madhav Ghimire (d) Bhanubhakta Acharya

95. How many peaks in the world are over 8000 meter high?

- (a) 12 (b) 13 (c) 14 (d) 15

96. Which of the following currencies has the lowest value in terms of rupee?

- (a) Dollar (b) Mark (c) Pound (d) Yen

97. What was the first James Bond film?

- (a) Dr. No (b) From Russia with love
(c) Thunderbolt (d) Star Wars

98. Which of the following is nomadic tribe of Nepal?

- (a) Sunwar (b) Danuwar (c) Bhutia (d) Raute

99. Which of the following is a military alliance?

- (a) NATO (b) NAFTA (c) EEC (d) ASEAN

100. The headquarters of ILO is at

- (a) Paris (b) New York (c) Hague (d) Geneva

NMEF CMAT Preparation

Central Management Admission Mock Test II

Full Marks:100

Time: 90 Min

Pass Marks: 40

Quantitative Aptitude

1. How many kilograms of sugar costing Rs. 9 per kg must be mixed with 27 kg of sugar costing Rs. 7 per Kg so that there may be a gain of 10 % by selling the mixture at Rs. 9.24 per Kg?
A. 36 Kg B. 42 Kg C. 54 Kg D. 63 Kg
2. If the radius of a circle is decreased by 50%, find the percentage decrease in its area.
A. 55% B. 65% C. 75% D. 85%
3. The average weight of a class of 24 students is 35 kg. If the weight of the teacher be included, the average rises by 400 g. The weight of the teacher is :
A. 45 kg B. 46 kg C. 47 kg D. 48 kg
4. A motor boat takes 12 hours to go downstream and it takes 24 hours to return the same distance. what is the time taken by boat in still water?
A. 15 h B. 16 h C. 8 h D. 20 h
5. A certain number of men can finish a piece of work in 100 days. If there were 10 men less, it would take 10 days more for the work to be finished. How many men were there originally?
A. 75 B. 82 C. 100 D. 110
6. Find the compound interest on Rs. 10,000 in 2 years at 4% per annum, the interest being compounded half-yearly.
A. 524.32 B. 624.32 C. 724.32 D. 824.32
7. What will be the vulgar fraction of 0.75 ?
A. 3/5 B. 3/4 C. 3/2 D. 3/7
8. The L.C.M of two numbers is 495 and their H.C.F is 5. If the sum of the numbers is 100, then their difference is
A. 10 B. 46 C. 70 D. 90
9. The top and bottom of a tower were seen to be at angles of depression 30° and 60° from the top of a hill of height 100 m. Find the height of the tower ?
A. 42.2 mts B. 33.45 mts C. 66.6 mts D. 58.78 mts
10. Log1 is equal ?
A. -3/4 B. 0 C. 1 D. None
11. A solid cube of side 6 is first painted pink and then cut into smaller cubes of side 2. How many of the smaller cubes have paint on exactly 2 sides?
A. 30 B. 24 C. 12 D. 8
12. 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
13. In some quantity of ghee, 60% is pure ghee and 40% is vanaspati. If 10 kg of pure ghee is added, then the strength of vanaspati ghee becomes 20%. The original quantity was :
A. 10 kg B. 15 kg C. 20 kg D. 25 kg
14. How many arrangements can be made out of the letters of the word COMMITTEE, taken all at a time, such that the four vowels do not come together?
A. 216 B. 45360 C. 1260 D. 43200
15. 3 pipes when opened for 3 hours can fill 3 buckets. How many buckets can 2 pipes open for 2 hours approximately fill?
A. 2/3 buckets B. 2 buckets C. 1 bucket D. 4/3 bucket
16. In a class, 30% of the students offered English, 20% offered Nepali and 10% offered both. If a student is selected at random, what is the probability that he. has offered English or Nepali ?
A. 1/2 B. 3/4 C. 4/5 D. 2/5
17. A man is 24 years older than his son. In two years, his age will be twice the age of his son. The present age of his son is
A. 20 B. 21 C. 22 D. 23
18. Find the number which when multiplied by 15 is increased by 196.
A. 10 B. 12 C. 14 D. 16
19. The cash difference between the selling prices of an article at a profit of 4% and 6% is Rs 3. The ratio of two selling prices is
A. 51:52 B. 52:53 C. 53:54 D. 54:55

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20. What is the ratio whose terms differ by 40 and the measure of which is 2/7 ?

- A. 16:56 B. 14:56 C. 15:56 D. 16:72

Directions: The following table gives the sales of batteries manufactured by a company over the years.

Number of Different Types of Batteries Sold by a Company over the Years (Numbers in Thousands)

Year	Types of Batteries					
	4AH	7AH	32AH	35AH	55AH	Total
1992	75	144	114	102	108	543
1993	90	126	102	84	126	528
1994	96	114	75	105	135	525
1995	105	90	150	90	75	510
1996	90	75	135	75	90	465
1997	105	60	165	45	120	495
1998	115	85	160	100	145	605

21. What was the approximate percentage increase in the sales of 55AH batteries in 1998 compared to that in 1992?

- A. 28% B. 31% C. 33% D. 34%

22. The total sales of all the seven years is the maximum for which battery?

- A. 4AH B. 7AH C. 32AH D. 35AH

23. What is the difference in the number of 35AH batteries sold in 1993 and 1997?

- A. 24000 B. 28000 C. 35000 D. 39000

24. The percentage of 4AH batteries sold to the total number of batteries sold was maximum in the year?

- A. 1994 B. 1995 C. 1996 D. 1997

25. In case of which battery there was a continuous decrease in sales from 1992 to 1997?

- A. 4AH B. 7AH C. 32AH D. 35AH

Verbal Ability

Directions: In the following the questions choose the word which best expresses the meaning of the given word.

26. Fake

- A. Original B. Imitation C. Trustworthy D. Loyal

27. Error

- A. Misadventure B. Misgiving C. Ambiguity D. Blunder

28. Foray

- A. Maraud B. Contest C. Ranger D. Intuition

29. Masterly

- A. Crafty B. Skilful C. Meaningful D. Cruel

30. Consequences

- A. Results B. Conclusions C. Difficulties D. Applications

In the following questions choose the word which is the exact OPPOSITE of the given words.

31. Expand

- A. Convert B. Condense C. Congest D. Conclude

32. Startled

- A. Amused B. Relaxed C. Endless D. Astonished

33. Evasive

- A. Free B. Honest C. Liberal D. Frank

34. Shrink

- A. Contract B. Spoil C. Expand D. 10.Stretch

35. Base

- A. Climax B. Height C. Top D. Roof

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

36. One who is honourably discharged from service

- A. Retired B. Emeritus C. Relieved D. Emancipated

37. Present opposing arguments or evidence

- A. Criticise B. Rebuff C. Reprimand D. Rebut

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38. The policy of extending a country's empire and influence

- A. Communism B. Internationalism C. Capitalism D. Imperialism

39. Of outstanding significance

- A. Monumental B. Rational C. Ominous D. Evident

40. Code of diplomatic etiquette and precedence

- A. Statesmanship B. Formalism C. Hierarchy D. Protocol

41. A person pretending to be somebody he is not

- A. Magician B. Rogue C. Liar D. Imposter

42. It was kind _____ you to help.

- A. of B. in C. about D. on

42. Unfortunately, we had to cancel it owing _____ the bad weather.

- A. in B. to C. of D. about

44. What did you make _____ the lecture?

- A. in B. on C. about D. of

45. He was accused _____ theft.

- A. on B. about C. in D. of

46. As _____ me, I will be happy to lend a hand.

- A. in B. for C. about D. of

Directions: Read the following paragraph and answer the following questions

In the world today we make health an end in itself. We have forgotten that health really means to enable a person to do his work and do it well. A lot of modern medicine and this includes many patients as well as many physicians pay very little attention to health but very much attention to those who imagine that they are ill. Our great concern with health is shown by the medical columns in newspapers, the health articles in popular magazines and the popularity of television programmes and all those books on medicine. We talk about health all the time. Yet for the most part the only result is more people with imaginary illness. The healthy man should not be wasting time talking about health: he should be using health for work. The work does the work that good health possible.

47. Modern medicine is primarily concerned with

- A. promotion of good health
B. people suffering from imaginary illness
C. people suffering from real illness
D. increased efficiency in work

48. The passage suggests that

- A. health is an end in itself
B. health is blessing
C. health is only means to an end
D. we should not talk about health

49. Talking about the health all time makes people

- A. always suffer from imaginary illness
B. sometimes suffer from imaginary illness
C. rarely suffer from imaginary illness
D. often suffer from imaginary illness

51. The passage tells us

- A. how medicine should be manufactured
B. what healthy man should or should not do
C. what television programmes should be about
D. how best to imagine illness

Logical Reasoning

51. Which word does NOT belong with the others?

- A. guitar B. flute C. violin D. cello

52. Which word does NOT belong with the others?

- A. dodge B. flee C. duck D. avoid

53. Which word does NOT belong with the others?

- A. branch B. dirt C. leaf D. root

54. Which word does NOT belong with the others?

- A. street B. freeway C. interstate D. expressway

55. Which word does NOT belong with the others?

- A. heading B. body C. letter D. closing

Directions: In each of the following questions find out the alternative which will replace the question mark.

56. Conference : Chairman :: Newspaper : ?

- A. Reporter B. Distributor C. Printer D. Editor

57. Safe : Secure :: Protect : ?

- A. Lock B. Sure C. Guard D. Conserve

58. Master : Ocuvgt :: Labour : ?

- A. Ncdqwt B. Nderwt C. Nberwt D. Nedrwt

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59. Microphone : Loud :: Microscope : ?

- A. Elongate B. Investigate C. Magnify D. Examine

60. Melt : Liquid :: Freeze : ?

- A. Ice B. Condense C. Solid D. Force

Directions: Choose the correct alternative that will continue the same pattern and replace the question mark in the given series.

61. 1, 1, 4, 8, 9, 27, 16, ?

- A. 32 B. 64 C. 81 D. 256

62. 1, 2, 3, 6, 9, 18, ?, 54

- A. 18 B. 27 C. 36 D. 81

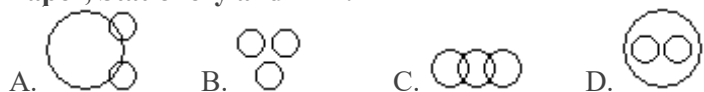
63. Pointing towards a girl, Abhisek says, "This girl is the daughter of only a child of my father." What is the relation of Abhisek's wife to that girl?

- A. Daughter B. Mother C. Aunt D. Sister

64. From his house, Lokesh went 15 km to the North. Then he turned west and covered 10 km. Then he turned south and covered 5 km. Finally turning to the east, he covered 10 km. In which direction is he from his house?

- A. East B. West C. North D. South

65. Which of the following diagrams indicates the best relation between Paper, Stationery and Ink ?



66. Which of the following diagrams indicates the best relation between Mammal, Cow and Bat ?

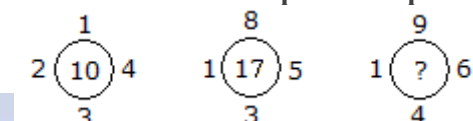


Directions: In these series, you will be looking at both the letter pattern and the number pattern. Fill the blank in the middle of the series or end of the series.

67. QAR, RAS, SAT, TAU, _____

- A. UAV B. UAT C. TAS D. TAT

68. Which one will replace the question mark ?

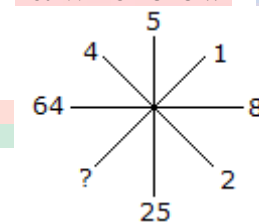


- A. 11 B. 19 C. 20 D. 22

69. Which one of the following is always found in 'Bravery'?

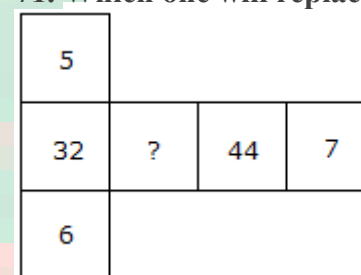
- A. Experience B. Power C. Courage D. Knowledge

70. Which one will replace the question mark ?



- A. 1 B. 2 C. 3 D. 4

71. Which one will replace the question mark ?



- A. 37 B. 33 C. 32 D. None of these

72. A camera always has

- A. Reels B. Flash C. Stand D. Lens

73. A farmer built a fence around his square plot. He used 27 fence poles on each side of the square. How many poles did he need altogether?

- A. 100 B. 104 C. 108 D. None of these

NMEF CMAT Preparation

74. Choose the alternative which is closely resembles the water-image of the given combination.

DISC

(1) CSID

(2) 0210

(3) DI2C

(4) DISC

A. 1 B. 2 C. 3 D. 4

75. The total number of digits used in numbering the pages of a book having 366 pages is

A. 732 B. 990 C. 1098 D. 1305

General Awareness

76. Alexander was the king of:

A. Macedonia B. Turkey C. Egypt D. Rome

77. The hardest element of the human body is:

A. Bones B. Enamel C. Nail D. Skin

78. Which blood is universal acceptor?

A. O B. A C. AB D. B

79. The famous religious place of Hindu 'Man Sarovar' is in:

A. Nepal B. India C. Tibet D. Pakistan

80. On which river is 'Barah Chhetra' situated?

A. Koshi B. Mechi C. Narayani D. Bagmati

81. Wall Street New York is famous for:

A. Stock Exchange B. Hotels
C. Parks D. Exhibitions

82. In which district does 'Kanchanjunga' lie?

A. Solukhumbu B. Taplejung
C. Panchthar D. Sankhuwasabha

83. Who is known as 'Kavi Shiromani' of Nepal?

A. Laxmi Prasad Devkota B. Madhav Ghimire
C. Lekhnath Paudyal D. Parashu Pradhan

84. A person who specializes in heart diseases:

A. Cardiologist B. Dermatologist
C. Gynecologist D. Pediatrician

85. The 'black flag' signifies:

A. Revolution B. Danger C. Protest D. Truce

86. Sofia is the capital city of:

A. Italy B. Mauritius C. Denmark D. Bulgaria

87. Oxygen in our blood is transported by a protein named?

A. Keratin B. Collagen C. Hemoglobin D. Platelet

88. Entomology is science and its study is related to:

A. Bird B. Insect C. Animal D. Space

89. Which country has the highest per capita income in 2017?

A. Luxembourg B. Switzerland C. Japan D. Australia

90. The people of Denmark is called:

A. Denmen B. Denmarkian C. Denian D. Danish

91. What is the national game of Bhutan?

A. Archery B. Jhopa C. Cockfight D. Jinish

92. Who wrote famous religious books 'Ramayan'?

A. Kalidas B. Sri Krishna C. Valmiki D. Ramchandra

93. Hitler's party that came into power in 1993 was called:

A. German Social Party B. Nazi Party
C. Hitler Social Party D. People's Party Of Germany

94. Where is the permanent secretariat of SAARC?

A. Kathmandu B. New Delhi C. Islamabad D. Colombo

95. What does the abbreviation 'http' stand for?

A. Hypertext transfer protocol B. High task termination procedure
C. Harvard tele text proof D. None of the above

96. J.K Rowling is the writer of popular book series:

A. Small is beautiful B. Harry Potter
C. Autobiography D. The beautiful game

97. How many astrological signs are there in Hindu mythology?

A. 10 B. 11 C. 12 D. 15

98. Who is the first ever elected woman president of Nepal?

A. Bidhya Kumari Bhandari B. Bidhya Devi Bhandari
C. Bidhya Maya Bhandari D. Bidhya Devi Bharati

99. Mega Byte is equal to:

A. 1000 Kilo Byte B. 1024 Kilo Byte
C. 2000 Kilo Byte D. 1014 Kilo Byte

100. The capital of UAE is:

A. Dubai B. Abu Dhabi C. Alofi D. Bogota



CMAT Model Test - 3

Full Marks: 100

Time: 90 minutes

Pass Marks: 40

Section-I: Verbal Ability

Directions: Fill up the blanks with the words, which best fits in.

1. ... her work was not finished, she was given permission to leave.
a) although b) in spite of c) as if d) despite
2. Ramesh is ... sociable and disciplined.
a) both b) as well as
c) not only d) but also
3. She told me she ... through out town n the few weeks.
a) will be passing b) will pass
c) might be passing d) may be passing
4. More than one hundred people to meeting.
a) have come b) has come
c) is coming d) was coming
5. Miss Khadka speaks both Hindi ... English very fluently.
a) as well as b) as also
c) and d) with

Directions: Select the most suitable preposition in the following sentences.

6. What time did they arrive ... the hotel?
a) in b) to
c) at d) into
7. You are not allowed to write ... pencil.
a) with b) at
c) on d) in
8. I'll be working ... 11:30.
a) until b) at
c) by d) on
9. Are you ... the Jury?
a) in b) at
c) on d) with
10. They came ... a long gap.
a) in b) after
c) on d) for

CMAT Model Test - 3

Directions: Choose the littered expression that most nearly expresses the meaning of the given idioms or phrases.

11. Chicken hearted
a) weak b) kind
c) bold d) cowardly
12. Like a cog of the wheel
a) a technician b) the least paid employee
c) an important person d) an unimportant person
13. To sail close to the wind
a) to take risk b) work hard
c) earn enough d) control affairs
14. Make both ends meet
a) manage the business b) work hard
c) earn enough d) control affairs
15. Show white feathers
a) show betrayal b) show cowardice
c) be ashamed d) deception

Direction: Choose the correct word in the numbered gap.

In all compositions ...16... is the most ...17... virtue. You should write in a simple and ...18... manner. The words chosen should be ...19... in meaning. Try not to use ...20... words merely because they literary.

16. a) complexity b) flourish
c) simplicity d) reserve
17. a) hidden b) described
c) depicted d) admired
18. a) straight forward b) showy
c) ornate d) decorative
19. a) haphazard b) quick
c) discriminating d) clear
20. a) difficult b) short
c) appropriate d) small

Direction: Question number 21 to 25 are based on the following paragraph. Please read the paragraph carefully and answer the questions:

It is undesirable that some useful analogies can be drawn between the relation systems of computer mechanism and rational systems of brain mechanism The comparison does not depend upon any close resemblance between the actual

CMAT Model Test - 3

mechanism links which occur in brains and computer; it depends on what the machines do. Furthermore, brains and computers can both be originalized so as to solve problems. The mode of communication is designed to generate artificial human speech and even, by accident, to produce sequences of words which human beings recognize as poetry. The implication is not that machines are gradually taking human forms, but that there is no sharp break of continuity between what is human and what is mechanical.

21. The mechanism in a computer and the human brains is:
- a) same b) similar
 - c) different d) almost same
22. Computers and human brains are designed in order to:
- a) reason b) solve problems
 - c) complicate life d) make life easier
23. Computers are able to generate:
- a) real human voice b) artificial human speech
 - c) stories d) discord
24. Computers are able to perform many functions similar to those performed by the human brain only because:
- a) the computers have human faculties.
 - b) the human brain has shrunk in size.
 - c) the process of programming communication is same.
 - d) the modem has become more mechanical.
25. What is the implication of the paragraph?
- a) Computers should replace human brains.
 - b) Computers cannot replace human brains.
 - c) Computers can write poetry.
 - d) Computers should be discarded to save the human race.

Quantitative Ability

- 26) If x and y are odd numbers which of the following is even?
- a) $\frac{x+y}{3}$ b) $(x+y) x^y$
 - c) x^y d) $\frac{x^y}{2}$
- 27) Which is the next term of the sequence: -3, 9, -27, 81?
- a) 243 b) -243
 - c) 729 d) -739

CMAT Model Test - 3

- 28) An article was sold for Rs. 415 at a loss of 17%. What would have been selling price to gain 25%?
- a) Rs. 625 b) Rs. 516
c) Rs. 465 d) Rs. 526
- 29) If $x * y$ represents the numbers of integers greater than x and less than y . What is the value of $-\pi * \sqrt{2}$?
- a) 2 b) 3
c) 5 d) 4
- 30) What is the difference between simple and compound interest on Rs. 500 for 3 years at 4% per annum?
- a) Rs. 1.369 b) Rs. 2.432
c) Rs. 2.682 d) Rs. 3.20
- 31) There are 10 doors in a stadium. In how many ways can a man enter and leave by the next door?
- a) 70 b) 80
c) 100 d) 90
- 32) If $a = b = 1$, what is the value of $a^b \times b^a (a^c + b^d)$
- a) 2 b) 0
c) 1 d) 0.5
- 33) Which of the following lie on the locus of $x^2 + y^2 + x - y - 8 = 0$?
- a) (2, 1) b) (2, 2)
c) (3, 2) d) (4, 1)
- 34) The sum of base angles of a triangle is 140° and their difference is 40° . The angles of the triangle are:
- a) $100^\circ, 44.44^\circ, 55.56^\circ$ b) $100^\circ, 50^\circ, 40^\circ$
c) $100^\circ, 60^\circ, 40^\circ$ d) $90^\circ, 40^\circ, 50^\circ$
- 35) Which is the next figure in the series of DREAM, REAMD, EAMDR, AMDRE,?
- a) RDEAM b) MDREA
c) DRMAE d) MRDEA
- 36) Which of the following is the largest?
- a) $\frac{1}{\sqrt{3}}$ b) $\frac{1}{3\sqrt{3}}$
c) $\frac{\sqrt{3}}{3}$ d) $\frac{3}{\sqrt{3}}$
- 37) Surface area of a ball is 616 m^2 . What is its radius?
- a) 6m b) 6.5m
c) 7m d) 7.5m

CMAT Model Test - 3

- 38) A two digits number is such that product of the digits is 18, when 27 is added to the number, the digits interchange their places. What is the number?
- a) 63 b) 92
c) 29 d) 36
- 39) If $x-1$, $x+5$, $2x+1$ and $3x+1$ are in ascending order and their median is 18, what is the value of x ?
- a) 10 b) 20
c) 15 d) 25
- 40) From a pack of 52 cards a card is drawn at random, what is the probability of a king or a heart?
- a) $\frac{1}{52}$ b) $\frac{3}{13}$
c) $\frac{4}{13}$ d) $\frac{17}{52}$
- 41) What is the difference between smallest number of 129 digits and largest number of 128 digits?
- a) 0 b) 1
c) $(1.05)^{20}$ d) $(36)^{129}$
- 42) The circumference of a great circle of a metallic sphere is 44cm. find the area of the sphere.
- a) 660cm^2 b) 616cm^2
c) 336cm^2 d) 661cm^2
- 43) If mean and median of a distribution are 10 and 11, what is it's mode?
- a) 12 b) 10
c) 11 d) 13
- 44) What is the average of 3^{30} , 3^{60} and 3^{80} ?
- a) 3^{60} b) $3^{29} + 3^{59} + 3^{79}$
c) $3^{56.67}$ d) $\frac{3^{30} + 3^{60} + 3^{80}}{2}$
- 45) For what value of x and y , $(2x - y, x + y) = (7, 11)$.
- a) 4 and 6 b) 6 and 5
c) 7 and 1 d) 7 and 4
- 46) In how many ways the letter of the word 'BUSINESS' can be arranged?
- a) 6720 b) 2760
c) 6270 d) 2050
- 47) A line whose slope is $\frac{1}{2}$ has two end points $(a, 5)$ and $(9, 2)$. What is the value of a ?
- a) 11 b) 10
c) 12 d) 15

CMAT Model Test - 3

- 48) The three numbers in GP whose sum 14 and product 64 are:
a) 2, 6 and 8 b) 2, 4 and 6
c) 2, 4 and 8 d) 4, 8 and 16
- 49) Out of 100 people, 45 watch Star Movies and 52 watches Star Gold and 17 watch both channels. How many people watch neither of both channels?
a) 30 b) 20
c) 80 d) 40
- 50) If C.V. of marks of A = 1.672 and C.V. of marks of B = 2.631, who has more consistent performance?
a) A b) B
c) A and B both d) None of the above

Logical Reasoning

Direction: Select the correct choice.

- 51) Sonnet: poem
a) Ballad: stanza b) Murder: crime
c) Chapter: book d) Lie: falsehood
- 52) Wet: dry
a) worse: worst b) weather: temperature
c) rise: walk d) Scold: praise
- 53) Tree: forest :: Grass: ?
a) lawn b) field
c) garden d) farm
- 54) Circle is related to circumferences as square is related to ...
a) area b) volume
c) diagonal d) perimeter
- 55) Pigeon: peace :: white flag: ?
a) friendship b) victory
c) surrender d) war

Direction: Find the odd one out.

- 56) a) Tansen b) Butwal
c) Hetauda d) Biratnagar
- 57) a) buff b) pork
c) beef d) mushroom
- 58) a) a brother b) nephew
c) niece d) friend
- 59) a) volume b) sound

CMAT Model Test - 3

- c) speaker d) record
- 60) a) Ram b) Hari
 c) Gopal d) Mohammad
- 61) What is the next figure in the series: NAME, ENAM, MENA, ...?
a) AMEN b) ANME
c) AEMN d) AMNE
- 62) If 217 stands for BAG, what does stand for BCG?
a) 271 b) 237
c) 243 d) 258
- 63) If NICE is coded as INEC, what should be code of KITE?
a) IKET b) IKTE
c) ITEK d) EKET
- 64) If $6 \times 5 = 41$, $7 + 2 = 51$ and $2 + 2 = 2$, then $5 \times 5 = ?$
a) 30 b) 40
c) 50 d) 60
- 65) $7 : 49 :: 13 : ?$
a) 120 b) 170
c) 159 d) 169

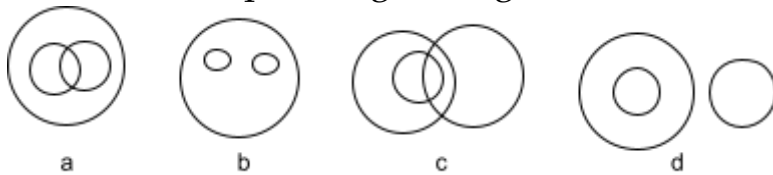
Direction: Select the correct premises to support the given conclusion.

- 66) All who commit mistake third time are criminals as:
a) they are b) people are criminals
c) no one commits crime d) None of the above
- 67) Rajendra is a student because he carries books
a) All the people who carry books are students.
b) All the students most of the time carry books.
c) None of the students walk without book
d) Some students sometimes carry books.
- 68) Flintoff is an Englishman. So, he is a cricketer.
a) All Englishmen are cricketer
b) Some Englishmen play cricket
c) Cricket is played in England
d) Cricket is played nowhere except England.
- 69) He is admired by all because he is helpful.
a) All who are liked are helpful
b) All helpful are liked
c) Some are liked because they are helpful
d) Some helpful are not liked

CMAT Model Test - 3

- 70) Fish can float because they have gills
- a) All without having gills cannot float
 - b) All which can float have gills
 - c) Some which can float have gills
 - d) Some which have gills can float

Direction: In this part you are to choose from your diagrams the one that illustrates the relationship among three given classes better than any of other diagrams given.



- 71) fruits, mangoes, grapes
- 72) sparrow, birds, cats
- 73) birds, robins, trees
- 74) goulmalists, voters, infants
- 75) frogs, mosquitoes, insects

General Awareness

- 76) How many times has Appa Sherpa climbed Mt. Everest?
- a) 19
 - b) 20
 - c) 21
 - d) 18
- 77) To which country the news agency CNS is related?
- a) China
 - b) Canada
 - c) USA
 - d) Sri Lanka
- 78) To which country does Olympic Airways belong?
- a) Germany
 - b) Hong Kong
 - c) China
 - d) Greece
- 79) What percent of area of Asia is covered by Nepal?
- a) 0.03%
 - b) 0.05%
 - c) 0.3%
 - d) 0.5%
- 80) Who is the regulator of money market in Nepal?
- a) Nepal stock exchange
 - b) Securities Board
 - c) Nepal Rastra Bank
 - d) Nepal Government
- 81) Which is the secondary market of Nepal?

CMAT Model Test - 3

- a) NIDC Capital Market b) Nepal Share Market
c) Sensex d) Nepal Stock Exchange
- 82) Which of following company is not listed in NEPSE?
a) Bank of Kathmandu Ltd.
b) Rastriya Banijya Bank
c) Bank of Asia
d) Nepal Investment Bank Ltd.
- 83) Out of the worlds ten highest mountains, how many are in Nepal?
a) 9 b) 10
c) 8 d) 7
- 84) Which bird can only be found in Nepal?
a) White-breasted kingfisher b) Little green bee eater
c) Spiny babbler d) Parrot
- 85) When was Federal Reserve Bank established?
a) 1994 b) 1952
c) 1914 d) 1924
- 86) How many hours ahead of GMT is Nepal?
a) 4 hours b) $5\frac{3}{4}$ hours
c) $5\frac{2}{5}$ hours d) $6\frac{1}{2}$ hours
- 87) Which is the world's largest diamond producing country?
a) America b) Canada
c) South Africa d) Iran
- 88) What is the earlier name of Sri Lanka?
a) Ceylon b) Lanka
c) Sriceylon d) Colombo
- 89) When is world literacy day celebrated?
a) 8th September b) 14th December
c) 1st October d) 10th September
- 90) In which game do players take long and short corners?
a) Cricket b) Football
c) Golf d) Hockey
- 91) 'Yankee' is the nickname of:
a) England b) America
c) Japan d) Thailand
- 92) What is the full form of CFO?
a) Chief Financial Officer

CMAT Model Test - 3

- b) Chief Food Department Officer
 - c) Children's Fund for Organization
 - d) Children's Fund for Observation
- 93) Which of the following is not a member of G8?
- a) America b) Japan
 - c) India d) UK
- 94) ... is any part of the computer that you can physically touch.
- a) Hardware b) A peripheral
 - c) A device d) An application
- 95) The binary language consists of ... digits.
- a) 8 b) 2
 - c) 1000 d) 1
- 96) Hamas is a militant organization fighting against which of the following countries?
- a) Sudan b) Israel
 - c) Brazil d) Syria
- 97) To which country does the market index 'S and P 500' belong?
- a) England b) Pakistan
 - c) Sri Lanka d) USA
- 98) When was G-20 established?
- a) 1974 b) 1986
 - c) 1999 d) 2007
- 99) Miss JK Rowling is the writer of
- a) Small is beautiful b) Harry Potter
 - c) Autobiography d) The beautiful game
- 100) Who introduced the concept of aggregation of demand and supply in economics?
- a) Paul Samuelson b) Baumol
 - c) Kith Davis d) JM Keynes

CMAT Model Test - 3

Answers:

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



CMAT Model Test - 4

Full Marks: 100

Time: 90 minutes

Pass Marks: 40

Section-I: Verbal Ability

Direction: Select the word which is closest to the meaning of bold word.

1. **Deter**
a) Discourage b) Suppress c) Distract d) Encourage
2. **Antique**
a) Beautiful b) Ancient c) Opposite d) Religious
3. **Invective**
a) Praise b) Incentive c) Innovative d) Abuse
4. **Arrogant**
a) Poor b) Detach c) Conceited d) Laborious
5. **Foster**
a) Encourage b) Rear c) Loot d) Lumpen

Direction: Complete the following sentences with the appropriate choice from among the options that follow:

6. Sita was so shy ... all invitations.
a) for refusing b) as refusing c) as to refuse d) that to refuse
7. We never ... what we are ashamed of.
a) confess b) admit c) avow d) acknowledge
8. Let us keep the plan in ... till we get support from people.
a) storage b) abeyance c) walking d) distrust
9. We felt it was a movement unable to resist for
a) more time b) any more c) much longer d) any length
10. As we now know how it works, we have the conviction ... it works rather well.
a) why b) as c) how d) that

Direction: Each question below consists of an idiom or a phrase, followed by four lettered expressions. Choose the lettered expression that most nearly expresses the meaning of the given idiom or phrase.

11. **Part and parcel**
a) receive parcel b) essential part c) gifts d) luggage
12. **To have an axe to grind**
a) To work for both sides b) To have no result
c) A private end to serve d) To fail to arouse interest
13. **No child play**
a) normal task b) easy task c) important task d) a very difficult task
14. **To crow over**
a) to criticize bitterly b) to be unwanted
c) to exult in triumph d) to compromise
15. **To hit the nail right on the head**

CMAT Model Test - 4

- | | |
|--------------------------------|----------------------------------|
| a) To teach someone a lesson | b) To do the right thing |
| c) To destroy one's reputation | d) To announce one's fixed views |

Direction: Select the word which is opposite to the meaning of bold word.

16. Abominate

- | | | | |
|----------|-----------|-----------|----------|
| a) Abhor | b) Repute | c) Loathe | d) Adore |
|----------|-----------|-----------|----------|

17. Convict

- | | | | |
|----------|---------|-----------|-----------|
| a) Crook | b) Emit | c) Acquit | d) Repute |
|----------|---------|-----------|-----------|

18. Dainty

- | | | | |
|----------|-----------|------------|------------|
| a) Felon | b) Clumsy | c) Elegant | d) Shallow |
|----------|-----------|------------|------------|

19. Folly

- | | | | |
|---------|-----------|-----------|-----------|
| a) Dull | b) Idiocy | c) Wisdom | d) Dreary |
|---------|-----------|-----------|-----------|

20. Brisk

- | | | | |
|---------|------------|----------|-------------|
| a) Slow | b) Crucial | c) Vital | d) Vigorous |
|---------|------------|----------|-------------|

Direction: The passage given below is followed by question based on its contents. After reading the passage, choose the best answer to each question.

My next pet was a pigeon, the most revolting bird to look at, with his feathers pushing through the wrinkled scarlet skin, mixed with the horrible yellow down that covers baby pigeons and makes them look as though they have been peroxidizing their hair. Because of his repulsive and obese appearance, we called him Quasimodo.

Since he had an unorthodox upbringing, without parents to teach him, Quasimodo became convinced that he was not a bird at all, and refused to fly. He walked everywhere. He was always eager to join us in anything we did. He would even try to come for walks with us. So you had to either carry him on your shoulder, which was risking an accident to your clothes, or else you let him walk behind. If you let him walk, then you had to slow down your own pace to suit his, for should you get too far ahead you would hear the most frantic and imploring coos and turn around to find Quasimodo running desperately after you.

21. The narrator describes the pigeon as a 'revolting bird' because

- a) he could not fly
- b) he had to be carried everywhere
- c) he had wrinkled skin covered with yellow feathers
- d) he was fat

22. Quasimodo got his name because

- a) he was a fat and ugly
- b) he was attractive
- c) he could not fly
- d) he love behaving like human beings

23. We know that Quasimodo was always eager to go on walks because

- a) he walked everywhere
- b) he did not know how to fly
- c) he complained loudly if he was not taken along
- d) he always copied whatever humans did

24. Quasimodo protested when he was

- a) left at home

CMAT Model Test - 4

- b) lifted on human shoulders
- c) taken for a walk
- d) left behind during walks

25. The phrase 'risking an accident to your clothes' means

- a) the bird pecked at their clothes
- b) there was a chance of the bird soiling their clothes
- c) the bird risked a fall
- d) the bird did not like their clothes

Section-II: Quantitative Ability

26. If a is an odd number and b is an even number. Which of the following cannot be an integer?

- a) $\frac{a}{b}$
- b) $\frac{b}{a}$
- c) ab
- d) $a - b$

27. How many solutions does the system of linear equation have $x - 2y = 6$ and $2x - 4y = 12$ have?

- a) No solution
- b) Infinite solution
- c) Unique solution
- d) Two solution

28. If $\frac{2}{3}$ of the works is an office are non-smokers, what is the ratio of smokers to non-smokers?

- a) 2:3
- b) 2:5
- c) 1:2
- d) 3:5

29. If $(a \star b) = \frac{b(a+b)}{2}$, what is the value of $(2 \star 4)$

- a) $4(1 \star 2)$
- b) $2(1 \star 2)$
- c) $(3 \star 4)$
- d) $(4 \star 8)$

30. The marked price of an article is 20% above the cost price and selling price is 10% below the marked price. What is the profit percent?

- a) 9%
- b) 20%
- c) 8%
- d) 10%

31. The sum of five consecutive integers is F , what is the largest of those integers in terms of F .

- a) $\frac{F-10}{5}$
- b) $\frac{F+4}{4}$
- c) $\frac{F-5}{2}$
- d) $\frac{F+10}{5}$

32. The population of a town in 2010 was 500000 and the population growth rate is 2.1%. what will be the predicted population in 2015?

- a) 557422
- b) 554752
- c) 547230
- d) 50000

33. A sum of Rs. 1110 is divided between A, B and C so that for every Rs. 8 given to A, B may get Rs. 5 and for every 7 gives to B, C may get Rs. 4. Find the amount got by C.

- a) Rs. 200
- b) Rs. 350
- c) Rs. 560
- d) Rs. 400

34. If $3^a \cdot 3^b = \frac{3^c}{3^d}$, what is the expression for d in terms of a , b and c ?

- a) $\frac{c}{ab}$
- b) $c - a - b$
- c) $a + b - c$
- d) $a + b + c$

35. On a test consisting 80 questions, Anupam answered 75% of the first 60 questions correctly. What percent of the other 20 questions did she need to answer correctly for her grade on the entire exam to be 80%?

- a) 85%
- b) 90%
- c) 87.5%
- d) 5%

36. The area of triangle ABC will be zero if

- a) $AC^2 + BC^2 = AB^2$
- b) $AB + BC = AC$

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- c) $\frac{AB}{BC} = 1$ d) $AB + BC < AC$
37. What is the average of 2^{10} and 2^{20} ?
a) $2^5 + 2^{10}$ b) 2^{29} c) $2^9 + 2^{19}$ d) 2^{15}
38. The probability of getting a diamond or an ace from a deck of cards while drawing a card at random is
a) $\frac{4}{13}$ b) $\frac{1}{2}$ c) $\frac{17}{52}$ d) $\frac{3}{13}$
39. If $-7 \leq x \leq 7$ and $0 \leq y \leq 12$, what is the greatest possible value of $y - x$?
a) -7 b) 19 c) 5 d) 12
40. If a and b are negative and c is positive numbers, which of the following is (are) true?
I. $a - b < a - c$ II. If $a < b$ then $\frac{a}{c} < \frac{b}{c}$ III. $\frac{1}{b} < \frac{1}{c}$
a) I only b) II only c) III only d) II and III only
41. If $\frac{1}{a} + \frac{1}{b} = \frac{1}{c}$ and $ab = c$, what is the average of a and b ?
a) 0 b) $\frac{1}{2}$ c) 1 d) $\frac{c}{2}$
42. If a is a positive number, 400% of a is what percent of $400a$?
a) 0.001 b) 10 c) 0.1 d) 1
43. If ' a ' apples cost ' c ' paisa, how many apples can be bought for ' d ' rupees?
a) $\frac{100ad}{c}$ b) $\frac{c}{100ad}$ c) $\frac{100d}{ac}$ d) $\frac{ad}{100c}$
44. For the first 100 miles of his trip, Sohan drove at 50 miles per hour. Then because of construction delays, he drove at only 39 miles per hour for next 120 miles. What was his average speed in miles per hour, for the entire trip?
a) 42 miles/hour b) 44 miles/hour c) 46 miles/hour d) 40 miles/hour
45. Which of the following is equivalent to $\frac{3x^2 - 12}{x^2 - 4x + 4}$?
a) 3 b) $\frac{x(x+2)}{x-2}$ c) $\frac{3(x+2)}{x-2}$ d) $\frac{3x+2}{x-2}$
46. A jar contains only red, white and blue marbles. The number of red marbles is $\frac{4}{5}$ the number of white ones, and the number of white ones is $\frac{3}{4}$ the number of blue ones. If there are 470 marbles in all, how many of them are blue?
a) 200 b) 120 c) 150 d) 184
47. The matrix of co-factors of $A = \begin{bmatrix} -1 & -2 \\ 3 & 4 \end{bmatrix}$ is...
a) $\begin{bmatrix} 4 & 3 \\ 2 & 1 \end{bmatrix}$ b) $\begin{bmatrix} 4 & -3 \\ 2 & -1 \end{bmatrix}$ c) $\begin{bmatrix} 3 & 2 \\ 1 & 4 \end{bmatrix}$ d) $\begin{bmatrix} -1 & 3 \\ -2 & 4 \end{bmatrix}$
48. Which of the following is (are) greater than x when $x = \frac{9}{11}$?
I. $\frac{1}{x}$ II. $\frac{x+1}{x}$ III. $\frac{x+1}{x-1}$

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- a) I only b) I & II only c) I, II & III d) II only
49. If $1, x, \frac{1}{4}$ is a geometric sequence, then x is
- a) $\pm 1/2$ b) $1/2$ c) 2 d) 1
50. If the average of $3a$ and $4b$ is less than 50 and ' a ' is twice ' b ', what is the largest integer value of a ?
- a) 8 b) 9 c) 10 d) 11

Section-III: Logical Reasoning

Direction: Select logically best answer for the questions 51 to 53.

51. "Empty vessel makes much noise" is logically similar to
- a) Live and let Live
b) Fools generally praise themselves
c) Wise people are respected
d) Cowards die many times than before their death
52. Some men are school teachers. Some school teachers are not football players. Therefore.
- a) Some school teachers may be football players.
b) All men are football players.
c) Ramesh who plays football must be a school teacher.
d) No football players are school teachers.
53. Birds can fly because they have wings
- a. All having wings can fly
b. Some which can fly have wings
c. All which can fly have wings
d. Some which have wings can fly

Directions (54-58): The following questions consist of two words each that have a certain relationship to each other, followed by four lettered pairs of words. Select the lettered pair that has the same relationship as the original pair of words.

54. Yawn : Boredom
- a) Smile : Amusement b) Dream : Sleep
c) Anger : Madness d) Impatience : Rebellion
55. Sigh : Relief
- a) Tear : Joy b) Trembling : Fear
c) Hot : Sweat d) Carelessness : Accident
56. Embarrass : Humiliate
- a) Enquire : Ask b) Embezzle: Peculate
c) Gamble : Investment d) Annoy : Exasperate
57. Stare : Glance
- a) Gulp : Sip b) Confide : Tell
c) Hunt : Stalk d) Step : Walk
58. Explosion : Destruction
- a) Talk : Exaggeration b) Woman : Girl
c) Success : Failure d) Engagement : Marriage

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Direction: Find the odd-one out for the question numbers 59 to 63.

59. a) Italy b) Iraq c) Japan d) Iran
60. a) mango b) apple c) fruit d) banana
61. a) January b) March c) July d) September
62. a) Apple b) Mac c) Dell d) Toshiba
63. a) Janakpur b) Jumla c) Khotang d) Rupandehi
64. If LIFE is coded as PLHF, GAME is coded as
a) LDOF b) KDOF c) KDPE d) KEPF
65. What is the next figure of BRAVE, RAVEB, AVEBR, VEBRA, ...?
a) VEBAR b) EVBAR c) EBRAB d) BEARV

Direction: Select logically the best answer.

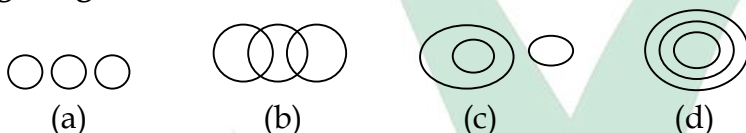
66. Lizard : Reptile : Insects
a) Fox : Wolf : Forest b) Man : Omnivorous : Meat
c) Fly : Insect : Bee d) Tiger : Mammal : Deer
67. Smile : Laugh : Cry
a) Sit : Sleep : Play b) Frown : Anger : Temper
c) Morning : Night : Day d) Touch : Catch : Release
68. France : Spain : Germany
a) Japan : China : Turkey b) Sri Lanka : Japan : India
c) Iraq : Kuwait : Iran d) Canada : California : Mexico
69. Which is the next term in the series?
a) 47 b) 48 c) 53 d) 49

70. Find the missing number.

1	2	3	9
2	3	5	25
3	5	7	?

- a) 36 b) 56 c) 15 d) 105

Direction: Choose from the following diagrams the one that illustrates the best relationship among the given three words.



71. Boy, Actor, Girl
(a) (b) (c) (d)
72. Asia, Nepal, London
(a) (b) (c) (d)
73. Elephant, Horse, Cat
(a) (b) (c) (d)

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74. **Earth, Europe, Germany**
(a) (b) (c) (d)
75. **Father, Mother, Teacher**
(a) (b) (c) (d)

Section-IV: General Awareness

76. **How many mountains having height more than 85,000m are in Nepal?**
a) 3 b) 4 c) 5 d) 6
77. **Which bank is the "Bank of the Year 2010"?**
a) Bank of Kathmandu b) Nepal Investment Bank
c) KIST bank d) Laxmi Bank
78. **Who is the shortest man of the world?**
a) Jyoti b) Khagendra Thapa Magar
c) Junrey Balawing d) Chandra Bahadur Dangi
79. **Which country is the winner of the ICC World Cup 2011?**
a) Australia b) India c) Pakistan d) England
80. **What is the value of IPO filed by Facebook?**
a) \$ 5 billion b) \$ 4 billion c) \$ 3 billion d) \$ 2 billion
81. **Who is the Miss World 2011?**
a) Leila Lopes b) Kate Middleton
c) Maria Fernanda Cornejo d) Gwendoline Ruais
82. **What is the World's newest Country?**
a) South Sudan b) North Sudan c) East Timor d) West Sudan
83. **Which country won the FIFA Women's World Cup in July 2011?**
a) Brazil b) United States c) Japan d) Finland
84. **When was Windows 8 released by Microsoft?**
a) Feb 21 2012 b) Feb 29, 2012 c) March 15, 2012 d) April 5, 2012
85. **Which of the following days is observed as the International Day for Tolerance?**
a) November 16 b) November 15 c) October 25 d) December 27
86. **Which of the following Justice of Supreme Court was killed by shooting?**
a) Shuseela Karkee b) Rana Bahadur Bom
c) Khila Raj Regmi d) Ram Prasad Shrestha
87. **In which country the FIFA World Cup 2014 was held?**
a) England b) Russia c) Qatar d) Brazil
88. **Which of the following country is not "G8"?**
a) Canada b) Germany c) China d) Japan
89. **Who is the father of Bedhbyas?**
a) Parashar b) Arjun c) Atri d) Aja
90. **What is the full form of BIPPA?**
a) Bilateral Investment Promotion and Protection Agreement
b) Bilateral Investment Promotion and Permission Agreement
c) Bilateral Investigation Promotion and Protection Agreement

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d) Bilateral Investigation Promotion and Permission Agreement

91. Who is the author of the book 'My land and My People'?

- a) S.J. Watson
- b) Dalai lama
- c) John Green
- d) Stephen King

92. Where was the 18th SAARC Summit be held?

- a) India
- b) Bhutan
- c) Nepal
- d) Maldives

93. Which major gas found in 'Gobar Gas'?

- a) Hydrogen
- b) Methane
- c) Ethane
- d) Oxygen

94. DNA coat is made up of

- a) Fat
- b) Carbohydrates
- c) Minerals
- d) Proteins

95. Grand Bank is the new name of

- a) DCBL Bank
- b) Janata Bank
- c) KIST Bank
- d) Citizens Bank

96. Who built the temple of Pashupatinath?

- a) Suka Dev
- b) Pratap Malla
- c) Prachada Dev
- d) Gunakama Dev

97. Halesi Temple is in

- a) Bhojpur
- b) Khotang
- c) Sunsari
- d) Udayapur

98. Who is known as the father of electricity?

- a) Newton
- b) Sr. John Michael
- c) Einstein
- d) Michael Faraday

99. How many does the Mars take to round the earth?

- a) 587
- b) 687
- c) 615
- d) 712

100. Scared book of Muslim is

- a) Ved
- b) Namaj
- c) Kuran
- d) Ramayan

CMAT Model Test - 4

ANSWER SHEET

Verbal Ability

1. ☐ a ☐ b ☐ c ☐ d
2. ☐ a ☐ b ☐ c ☐ d
3. ☐ a ☐ b ☐ c ☐ d
4. ☐ a ☐ b ☐ c ☐ d
5. ☐ a ☐ b ☐ c ☐ d
6. ☐ a ☐ b ☐ c ☐ d
7. ☐ a ☐ b ☐ c ☐ d
8. ☐ a ☐ b ☐ c ☐ d
9. ☐ a ☐ b ☐ c ☐ d
10. ☐ a ☐ b ☐ c ☐ d
11. ☐ a ☐ b ☐ c ☐ d
12. ☐ a ☐ b ☐ c ☐ d
13. ☐ a ☐ b ☐ c ☐ d
14. ☐ a ☐ b ☐ c ☐ d
15. ☐ a ☐ b ☐ c ☐ d
16. ☐ a ☐ b ☐ c ☐ d
17. ☐ a ☐ b ☐ c ☐ d
18. ☐ a ☐ b ☐ c ☐ d
19. ☐ a ☐ b ☐ c ☐ d
20. ☐ a ☐ b ☐ c ☐ d
21. ☐ a ☐ b ☐ c ☐ d
22. ☐ a ☐ b ☐ c ☐ d
23. ☐ a ☐ b ☐ c ☐ d
24. ☐ a ☐ b ☐ c ☐ d
25. ☐ a ☐ b ☐ c ☐ d

Quantitative Ability

26. ☐ a ☐ b ☐ c ☐ d
27. ☐ a ☐ b ☐ c ☐ d
28. ☐ a ☐ b ☐ c ☐ d
29. ☐ a ☐ b ☐ c ☐ d
30. ☐ a ☐ b ☐ c ☐ d
31. ☐ a ☐ b ☐ c ☐ d
32. ☐ a ☐ b ☐ c ☐ d
33. ☐ a ☐ b ☐ c ☐ d
34. ☐ a ☐ b ☐ c ☐ d
35. ☐ a ☐ b ☐ c ☐ d
36. ☐ a ☐ b ☐ c ☐ d
37. ☐ a ☐ b ☐ c ☐ d
38. ☐ a ☐ b ☐ c ☐ d
39. ☐ a ☐ b ☐ c ☐ d
40. ☐ a ☐ b ☐ c ☐ d
41. ☐ a ☐ b ☐ c ☐ d
42. ☐ a ☐ b ☐ c ☐ d
43. ☐ a ☐ b ☐ c ☐ d
44. ☐ a ☐ b ☐ c ☐ d
45. ☐ a ☐ b ☐ c ☐ d
46. ☐ a ☐ b ☐ c ☐ d
47. ☐ a ☐ b ☐ c ☐ d
48. ☐ a ☐ b ☐ c ☐ d
49. ☐ a ☐ b ☐ c ☐ d
50. ☐ a ☐ b ☐ c ☐ d

Logical Reasoning

51. ☐ a ☐ b ☐ c ☐ d
52. ☐ a ☐ b ☐ c ☐ d
53. ☐ a ☐ b ☐ c ☐ d
54. ☐ a ☐ b ☐ c ☐ d
55. ☐ a ☐ b ☐ c ☐ d
56. ☐ a ☐ b ☐ c ☐ d
57. ☐ a ☐ b ☐ c ☐ d
58. ☐ a ☐ b ☐ c ☐ d
59. ☐ a ☐ b ☐ c ☐ d
60. ☐ a ☐ b ☐ c ☐ d
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67. ☐ a ☐ b ☐ c ☐ d
68. ☐ a ☐ b ☐ c ☐ d
69. ☐ a ☐ b ☐ c ☐ d
70. ☐ a ☐ b ☐ c ☐ d
71. ☐ a ☐ b ☐ c ☐ d
72. ☐ a ☐ b ☐ c ☐ d
73. ☐ a ☐ b ☐ c ☐ d
74. ☐ a ☐ b ☐ c ☐ d
75. ☐ a ☐ b ☐ c ☐ d

General Awareness

76. ☐ a ☐ b ☐ c ☐ d
77. ☐ a ☐ b ☐ c ☐ d
78. ☐ a ☐ b ☐ c ☐ d
79. ☐ a ☐ b ☐ c ☐ d
80. ☐ a ☐ b ☐ c ☐ d
81. ☐ a ☐ b ☐ c ☐ d
82. ☐ a ☐ b ☐ c ☐ d
83. ☐ a ☐ b ☐ c ☐ d
84. ☐ a ☐ b ☐ c ☐ d
85. ☐ a ☐ b ☐ c ☐ d
86. ☐ a ☐ b ☐ c ☐ d
87. ☐ a ☐ b ☐ c ☐ d
88. ☐ a ☐ b ☐ c ☐ d
89. ☐ a ☐ b ☐ c ☐ d
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97. ☐ a ☐ b ☐ c ☐ d
98. ☐ a ☐ b ☐ c ☐ d
99. ☐ a ☐ b ☐ c ☐ d
100. ☐ a ☐ b ☐ c ☐ d

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