ICET Model Paper 2016

Model Paper -1

ICET Model Paper 2016 for Andhra Pradesh and Telangana State MBA and MCA Admission test Sample Question paper the Integrated Common Entrance Test 2016. We have provided the ICET Model Paper 2016 with 100 questions with Answers to practice for getting high score of marks in ICET 2016.

1.6,27,128, ..., 3130 ?
- A. 209
- B. 369
- C. 629
- D. 1031

2. 7,19,37,61,......, 127 ?
- A. 91
- B. 101
- C. 111
- D. 121

3. 99,9999,999999,...,9999999999 ?
- A. 9999999
- B. 99999999
- C. 999999999
- D. 99999999999

4. DFI, EGJ, FHK, ...,HJM ?
- A. GIM
- B. GIL
- C. HJN
- D. HIM

5.A9Z, B7Y, C5X, ..., E1V ?
- A. D2W
- B. D4W
- C. D3U
- D. D3W

6. 8 : 81 :: 6 : ?
- A. 25
- B. 36
- C. 49

7. 99 : 120 : : ..... : 63 ?
- A. 48
- B. 42
- C. 36
- D. 24

8. 22 : 2222 : : 222 : .... ?
- A. 22222
- B. 2222
- C. 222222
- D. 2222222

9. LFHW, KEGV, JDFU, ... ?
- A. ITCE
- B. ICET
- C. IECT
- D. ETCI

10. 11, 101, 1001, ..., 100001, 1000001 ?
- A. 1001
- B. 10001
- C. 10000001
- D. 100000001

11. 2, 3, 5, 7, 11, 13, ..., 19, 23 ?
- A. 14
- B. 15
- C. 16
- D. 17

12. T, W, Z, C, ..., I ?
- A. D

D. 64

B. E
C. F
D. H

13. The code word for BANARAS is ?
A. EDQDOXP
B. EDQAMXP
C. EDQAOXP
D. EDQAMWP

14. The code word for POTATO is ?
A. SRWXQL
B. SRXXQL
C. SRWYQL
D. SRXXWL

15. The code word for LOUSY is ?
A. ORUQV
B. ORXPY
C. ORRPV
D. ORUPV

16. The code word for CHIMNEY is ?
A. FKLPKBV
B. FKLMKBV
C. FKLMLBV
D. FKLPKBV

17. The code word for TEMPLE is ?
A. WHPPIB
B. WHPMIC
C. WHPMJB
D. WHPMIB

18. Which word is coded as LAZY ?
A. IXCB
B. OACB
C. IXZY
D. IXCA

19. Which word is coded as MAXIMA ?
A. JXUMPD

B. LXUMPD
C. JXULPD
D. JXVLPD

20. Which word is coded as HOUSE ?
A. ELXUH
B. ELUVH
C. ELUUH
D. ELXVH

21. Which word is coded as ZENITH ?
A. WAKLWK
B. WALLWK
C. WBKKWK
D. WBKLWK

22. Which word is coded as CURIOUS ?
A. ZROLRXV
B. ZRPIRXV
C. ZROIRXV
D. ZRPLRXV

23. If the ratio of speeds of three trains is 3 : 4 : 5, then the ratio of the times taken by them to travel the same distance is ?
A. 5 : 4 : 3
B. 12 : 15 : 20
C. 3 : 4 : 5
D. 20 : 15 : 12

24. The area (in square feet) of a triangle whose sides are 5ft, 12ft, and 13ft is ?
A. 17
B. 18
C. 25
D. 30

25. A rope can make 140 rounds on the circumference of a cylinder whose base radius is 14 cm. The number of round of rounds the rope make around the cylinder with base radius 20 cms is ?

A. 200
B. 100
C. 98
D. 17

26. If the ten-digited number 116342a32b is divisible by 9 and a-b =2 then the ordered pair (a,b) is?

A. (6, 4)
B. (8, 6)
C. (5, 3)
D. (3, 1)

27. An aluminum wire of length 8m 96cms and a copper wire of length 5m 12cms are cut into pieces of equal length l cms. The maximum possible value of l is ?

A. 16
B. 32
C. 64
D. 128

28. If 20% of a =25% of b = 30% of c = 10% of d = k > 1 then the largest of 2a, 3b, 6c and d is ?

A. 2a
B. 3b
C. 6c
D. D

29. The digit in the units plae of the product 51, 52, 53, ... 59 is ?

A. 3
B. 2
C. 1
D. 0

30.If 25% of a number is added to another number then the second number increases by 10%. The ratio of the first number to the second is ?

A. 1 : 2
B. 2 : 1

C. 5 : 2
D. 2 : 5

31. A student has to secure 45% of marks to pass. If a boy getting 285 marks fails by 30 marks the maximum marks for the examination is ?

A. 600
B. 650
C. 700
D. 750

32. A has a share of 75% in a property and sold two-thirds of his share for Rs. 3 lakhs. The value of the entire property (in lakhs of rupees) is ?

A. 7
B. 6
C. 5
D. 4

33. After successive discounts of x% and y% an article worth Rs. 250 is available for Rs. 170.If y = 15 then x = ?

A. 25
B. 20
C. 15
D. 10

34. A invests two equal amounts earning 10 % and 12% of interest annually. If the interest on them earned is Rs. 1650 in an year then the sum invested in each (in rupees) is ?

A. 17000
B. 15000
C. 8500
D. 7500

35. Two taps A and B can fill a tank in 10 and 15 minutes respectively while C can empty it in 20 minutes. If all the three are opened for 1

minute and then the tap C is closed, the extra time (in minutes) required to fill the tank is ?

    A. 8 3/10
    B. 6 3/10
    C. 5 3/10
    D. 5

36. Pipe A fills tank in 3 hours while pipe B empties it in 5 hours. If both the taps are opened the portion of the tank filled in 80 minutes is ?

    A. 8/45
    B. 17/45
    C. 16/45
    D. 13/45

37. A and B can do a piece of work in 8 days and 12 days respectively. A started the work and after 3 days B joined him to finish the work. The number of days B worked is ?

    A. 1
    B. 1 ½
    C. 2
    D. 3

38. A rectangular lawn of dimensions 65 m x 35 m has two roads each of 5 meters wide running in the middle of it, one parallel to the length and the other parallel to the breadth. The cost of repairing the road at the rate of Rs. 3 per square meter (in rupees) is ?

    A. 1500
    B. 1475
    C. 1450
    D. 1425

39. To prepare an aluminium sheet of 1000 square meters the volume of the aluminium required is one cubic meter. The thickness of the sheet (in cms) is ?

    A. 10
    B. 0.1

    C. 0.01
    D. 0.001

40. A rectangular carpet has an area of 120 sq.m. and a perimeter 46 meters. The length of its diagonal (in meters) is ?

    A. 20
    B. 17
    C. 15
    D. 13

41. If P and q are statements then pv (p ^ q) is equivalent to ?

    A. P
    B. Q
    C. P^q
    D. Pvq

42. If A and B are sets with 3 and 6 elements respectively then the minimum number of elements in A U B is ?

    A. 9
    B. 8
    C. 7
    D. 6

43. From the top of a building of height 85 meters on the bank of a river observed that the angle of depression of the other side of the bank is 45°. The breadth of the river (in meters) is ?

42.5

85

130

202

44. The remainder when $6x^3 - 3x + 2$ is divided by 2x – 3 is ?

    A. 71/4
    B. 71/2
    C. 70/4
    D. 70/2

45. $(\text{Sin A Cos B} - \text{Cos A Sin B})^2 + (\text{Cos A Cos B} + \text{Sin A Sin B})^2 = ?$

A. 2 Sin A Cos B

B. 2 Cos A Cos B

C. 1

D. 0

46. The least value of n such that $1 + 3 + 3^2 + \ldots\ldots + 3^n > 2007$ is ?

A. 7

B. 8

C. 9

D. 10

47. If two circles intersect at n points then the maximum possible value for n is ?

A. 1

B. 2

C. 3

D. 4

48. The point of concurrence of the altitudes of a triangle is its ?

A. Incentre

B. Orthocentre

C. Circumcentre

D. Centroid

49. The equation of the line passing through (4, 5) and whose sum of intercepts is Zero, is ?

X – y – 1 = 0

X + y – 1 = 0

X - y + 1 = 0

x + y+ 1 = 0

50. The point of intersection of 7x – 2y + 10 = 0 and 7x + 2y – 10 = 0 is ?

A. (5, 0)

B. (-5, 0)

C. (0, 5)

D. (0, -5)

51. The arithmetic mean of 100 observations is found to be 50. Later it is noticed that two observations are taken as 42 and 4 instead of 142 and 44. The correct mean is ?

A. 51.4

B. 46.8

C. 41.4

D. 42.2

52. The mode of 3, 5, 2, 6, 5, 9, 5, 2, 8, 6, is ?

A. 6

B. 5

C. 3

D. 2

53. A person gets Rs. 10 if a head turns up and loses Rs. 5 if a tail turns up in tossing an unbiased coin.If three unbiased coins are tossed simultaneously the probability of getting no money is ?

A. 3/8

B. 1/4

C. 1/5

D. 5/8

54. The probability of getting a composite number when a 6 – faced unbiased die is tossed, is ?

A. 1/4

B. 1/3

C. 1/2

D. 1

55. Two unbiased dice are thrown simultaneously. The probability of getting the sum divisible by 3 is ?

A. 11/36

B. 12/36

C. 13/36

D. 17/36

56. A number n is selected at random from the set (1,2,3,...,50). The probability that n is a prime is ?

    A. 0.1
    B. 0.2
    C. 0.3
    D. 0.7

57. We have to tolerate each other's little ?

    A. Virtues
    B. Characters
    C. Foibles
    D. Qualities

58. A person who is extremely careful in spending is called ?

    A. Parsimonious
    B. Parochial
    C. Paranoid
    D. Parasitic

59. In his usual ------ manner, he had insured himself against this type of loss ?

    A. Pensive
    B. Providential
    C. Indifferent
    D. Circumspect

60. After a strenuous work-out, Harish felt ----- hungry ?

    A. Raucously
    B. Ravishingly
    C. Rapaciously
    D. Ravenously

61.Wi Max stands for
Wireless Maximum Connectivity

    A. Worldwide Interoperability for Microwave Access
    B. Wireless Interconnectivity for Maximum Access
    C. Worldwide Interconnectivity for Maximum Access

62. Spoofing means

    A. An untrusted host connecting to the network pretending to be a true host
    B. Spitting virus indiscriminately along internet highway.
    C. Sending unsolicited commercial messages on a large scale.
    D. Wilful creation of internet traffic jam.

63. Computer software which converts data into information and intelligence enabling a manager to take better decisions is known as ?

    A. DSS
    B. TPS
    C. CRM
    D. BPR

64. Derivative is a ?

    A. Financial instrument
    B. Statutory record
    C. Government directive
    D. Guideline by SEBI

65. ESOP means

    A. Employee Stock Option Plans
    B. Exit System Overseeing Plan
    C. Emergency Schedule Operation Plan
    D. Entry Staff Orientation Plan

66. Outsourcing means

    A. Exchange of goods
    B. Process of subcontracting work
    C. Carrying out transactions outside the country
    D. Procurement of components for manufacture

67. IMF is the abbreviation for

    A. Indian Monetary Fund

B. International Monetary Fund
C. International Mutual Fund
D. International Market Forum

68. "Blogging" on the Net means
A. Stopping others from using a website
B. Expressing comments on some current issue
C. Surfing
D. Backing some sites

69. GATT stands for
A. Geographic Agreement of Trade and Tariffs
B. General Agreement on Tariffs and Trade
C. Generous Agreement on Time and Trade
D. General Agreement on Taxes and Trade

70. When Windows is busy performing a task, the mouse pointer changes to a /an
A. Hand
B. Hour glass
C. Arrow
D. Clock

71. "I won't stand for such behavior in my house". The speaker in this sentence is
A. Angry
B. Impolite
C. Rude
D. Intolerant

72. "I'm trying to catch up with my work since I was ill for the last two days". The speaker is
A. Lazy
B. Conscientious
C. Careful
D. Irresponsible

73. "When export sales began to decline, our hopes of business success plummeted". The speaker in this sentence expresses
A. Hope
B. Excitement
C. Dejection
D. Elation

74. I have seen the film and --------------
A. So she has
B. She also has
C. She too has
D. So has she

75. Raju would never have taken the job, if ----- what great demands it would make on his time?
A. He knows
B. He had known
C. He has knowing
D. He has known

76. I am very fond of the theatre, but on the whole, I prefer serious drama ----- light comedy
A. Than
B. To
C. For
D. With

77. Your conduct smacks ---- recklessness
A. Of
B. With
C. From
D. In

78. Children went round the school and -----all the rubbish
A. Picked up
B. Picked on
C. Picked away
D. Picked at

79. He ---- the trivial errors and concentrated on correcting serious mistakes
- A. Passed on
- B. Passed through
- C. Passed over
- D. Passed away

80. He knew he had been rude, but instead of apologizing he tried to ---
- A. Laugh it off
- B. Laugh an it
- C. Laugh it away
- D. Laugh it over

81. It's getting cold. You ----- your coat ?
- A. Have better take
- B. Must have taken
- C. Had better take
- D. Had better taken

82. 2, 8, 18, 32, ..., 72, 98 ?
- A. 46
- B. 52
- C. 48
- D. 50

83. 4, 13, 28, 49, ..., 109, 148 ?
- A. 76
- B. 70
- C. 72
- D. 74

84. 0010_2, 0011_2, ..., 0111_2, 1011_2 ?
- A. 1010_2
- B. 1000_2
- C. 0101_2
- D. 0110_2

85. His words <u>took my breath away</u>, The underlined expression means ?
- A. Shocked me
- B. Surprised me
- C. Gladdened me

- D. Frightened me

86. Four persons A,B, C and D are sitting around a square table and discussing their trades. A sits opposite to the Carpenter and B sits right to the Electrician. The Painter is on the left of Mason and D sits opposite to C. What are the trades of C and D ?
- A. Electrician and Mason
- B. Painter and Mason
- C. Painter and Carpenter
- D. Painter and Electrician

87. B is twice as old as A. But twice younger than F, C is half the age of A but is twice older than D. Who are the oldest and youngest ?
- A. F,C
- B. B,D
- C. F,D
- D. F,A

88. V21, W3G, X5E, Y7C, ..., A13Y ?
- A. Z11B
- B. Z9B
- C. Z9A
- D. Z11A

89. ACZY, CEYX, EGXW, ..., IKVU ?
- A. GIZY
- B. GIWV
- C. GIVU
- D. GIWU

90. A square sheet of paper is cut along the diagonal into two equal triangles. What is the minimum number of pieces into which one of the two triangles shall have to be cut so that these pieces together with the other triangle could be arranged as a rectangle ?
- A. 2
- B. 3
- C. 4

D. 5

91. Twenty years back, the ratio of the ages of a father and his son was 11 : 3. If the ratio of their present ages is 2 : 1, then the age of the son is ?

A. 30

B. 35

C. 34

D. 32

92. If one – third of a number is 1/10th then the 5/6th of that number is ?

A. 1/2

B. 1/3

C. 1/4

D. 1/5

93. Z0A, Y3C, ..., W15G, V24I ?

A. X9E

B. X8F

C. X8E

D. X9F

94. DFIK, GILN, JLOQ ?

A. MORT

B. MRPO

C. MORP

D. MPRO

95. In a partnership A invested 1/6 of the capital for 1/6 of the time; B invested 1/3 of the capital for 1/3 of the time and C invested the rest of the capital for the whole time. If the total profit of the business is Rs, 46,000/- then the share of B in it (in repees) is ?

A. 2000

B. 6000

C. 8000

D. 36000

96. ZYK, WVU, ..., QPO, NML, KJI ?

A. SRT

B. TSR

C. TRS

D. RST

97. A purse contains some two – rupee coins, one rupee coins and 50 paisa coins in the ratio of their denomination (that is, 2 : 1: ½). If the total money in the purse is Rs. 210 then the number of one-rupee coins in the purse is ?

A. 100

B. 60

C. 50

D. 40

98. 3, 5, 7, 11, 13, 17, 19, ..., 29 ?

A. 21

B. 25

C. 23

D. 27

99. 5, 7, 12, 19, 31, ..., 81, 131 ?

A. 36

B. 40

C. 48

D. 50

100. 15, 32, 66, ..., 270 ?

A. 136

B. 134

C. 140

D. 138

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