





Live Leak - SSC CGL 2017 Tier I Model **Question Paper Based on New Pattern**

Q1. Some parts of the sentence have errors and some are correct. Find out which part has an errors and mark that part as your answer. If there are no errors, mark 'No error' as your answer.

Two boys stood on every bench.

- 1. Two boys
- 2. Stood
- 3. on every bench
- 4. No Error



Q2. Read the sentence to find out whether there is any error in it. The error, if any, will be in one part of the sentence. The number of that part is the answer. If there is no error, the answer is (4). Ignore errors of punctuation, if any.

India expects all man to do his duty

- 1. India expects
- 2. all man
- 3. to do his duty
- 4. No Error















Q3. Read the sentence to find out whether there is any error in it. The error, if any, will be in one part of the sentence. The number of that part is the answer. If there is no error, the answer is (4). Ignore errors of punctuation, if any.

The newspaper should always seek the truth but in certain situations the newspaper must also apply constraint while publishing the truth.

- 1. The newspaper should always seek
- 2. the truth but in certain situations the newspaper must also
- **3.** apply constraint while publishing the truth.
- 4. No Error
- **Q4.** In the question below, a part of the sentence is underlined. Below are given alternatives to the underlined part which may improve the sentence. Choose the correct alternative. In case no improvement is needed choose 'No improvement'.

Picasso was arguably <u>a most prominent</u> exponent of art.

- 1. the more prominent
- 2. as prominent as
- 3. the most prominent
- 4. No improvement
- **Q5.** In the question below, a part of the sentence is underlined. Below are given alternatives to the underlined part which may improve the sentence. Choose the correct alternative. In case no improvement is needed choose 'No improvement'.

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The morning train started <u>after</u> time

1. On







- 2. With
- 3. By
- 4. No improvement
- **Q6.** In the question below, a part of the sentence is underlined. Below are given alternatives to the underlined part which may improve the sentence. Choose the correct alternative. In case no improvement is needed choose 'No improvement'.

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We need to <u>abide</u> the company's decision.

- 1. abide by
- 2. abide with.
- 3. abide in
- 4. No improvement
- **Q7.** In the question below, a part of the sentence is underlined. Below are given alternatives to the underlined part which may improve the sentence. Choose the correct alternative. In case no improvement is needed choose 'No improvement'.

The refineries, will once more, <u>be exceeding</u> their production targets.

- 1. Exceeded
- 2. Exceed
- 3. are exceeding
- 4. No improvement.















Q8. In question for alternatives are given for the Idiom / Phrase. Choose the alternative which best express the meaning of the Idiom / Phrase and mark it.

To give vent to

- 1. To express a feeling
- 2. To cause trouble
- 3. To lose courage
- 4. To circulate
- **Q9.** In question for alternatives are given for the Idiom / Phrase. Choose the alternative which best express the meaning of the Idiom / Phrase and mark it.

Part and parcel

- 1. Large part
- 2. Partly
- 3. Unnecessary part
- 4. Essential element



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Q10. In question for alternatives are given for the Idiom / Phrase. Choose the alternative which best express the meaning of the Idiom / Phrase.

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A wild goose chase.

- 1. Expensive
- 2. Full of tears
- 3. Unprofitable adventure
- 4. Ill advised









Q11. In the question below, a part of the sentence is underlined. Below are given alternatives to the underlined part which may improve the sentence. Choose the correct alternative. In case no improvement is needed choose No improvement.

They say canned food should be avoided as much as possible because they are packaged a lot.

- 1. Are recycled
- 2. Are processed
- 3. Are manufactured
- 4. No Improvement

Q12. Out of four alternatives, choose the one which can be substituted for the given

words/sentence.

Something that happens after one's death

- 1. Successively
- 2. Vicariously
- 3. Posthumously
- 4. Inordinately
- **Q13.** Out of four alternatives, choose the one which can be substituted for the given words/sentence.

Spending too much time thinking about ones' own appearance and abilities.

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- 1. Narcissism
- 2. Nepotism
- 3. Aphorism

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4. Euphemism





Q14. Out of four alternatives, choose the one which can be substituted for the given words/sentences.

System of government in which laws of the state is considered to be the laws of God

- 1. Theocracy
- 2. Democracy
- 3. Secularism
- 4. Socialism

Read the passage given below and then answer the questions given below the passage. Some words may be highlighted for your attention. Pay careful attention.

Thomas Edison was born on 11 February 1847. He was one of the outstanding geniuses of technology and he obtained patents for more than one thousand inventions including the electric light bulb, the record player and an early type of film projector. He also created the world's first industrial research laboratory.

He was born in Milan, Ohio and he was always an inquisitive boy. By the time he was 10 he had set up a small chemical laboratory in his house after his mother had shown him a science book. He soon became fascinated with electrical currents and it remained the main interest of his life.

In 1869, he borrowed a small amount of money and became a freelance inventor. In the same summer, there was a crisis in the New York financial district called Wall Street when the new telegraphic gold-price indicator broke down. Edison was called in to

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repair it and he did it so well that he was given a job as supervisor with the Western Union Telegraph Company. They later commissioned him to improve the Wall Street stock ticker that was just coming into use. He did so and produced the Edison Universal Stock Printer, which immediately brought him a fortune of \$40,000. With this money, he set up as a manufacturer in order to produce electrical machines.

In 1876 he built a new laboratory so that he could spend all his time inventing. He planned to turn out minor inventions every ten days and a 'big trick' every six months. Before long he had 40 different inventions going at the same time and was applying for as many as 400 patents a year. The following year, Edison moved to New Jersey in order to build the Edison Laboratory (now a national monument) which was 10 times bigger than his first laboratory. In time it was surrounded by factories employing 5,000 people and producing many new products. Edison died on 18 October, 1931 having had a remarkably productive life.

Q15. What did Thomas obtain for all of his inventions like the light bulb and record player?

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- 1. A huge sum of money.
- 2. A science book from his mother.
- 3. Patent rights for his work.
- 4. A job as a supervisor.
- Q16. Thomas Edison created the world's first _____
 - 1. Telegraphic gold-price indicator.
 - 2. Chemical laboratory.
 - 3. Industrial research laboratory.
 - 4. Western Union Telegraph Company.













Q17. What was Edison's reward for inventing the telegraphic gold-price indicator?

- 1. Job as a supervisor at a telegraph company.
- 2. A sum of \$40000.
- 3. A laboratory of his own.
- 4. A commission to improve the stock ticker.
- Q18. What was Edison's plan after he built a new laboratory?
 - 1. Minor inventions every day and a big trick every month.
 - 2. Build the Edison laboratory.
 - 3. Manufacture to produce electric machines.
 - 4. Minor inventions every ten days and a big trick every half year.

Q19. In 1869, Edison borrowed a small amount of _____ and became a _____ inventor.

- 1. Land ; Famous
- 2. Capital ; Self employed
- 3. Lab equipment ; Rich
- 4. Money; Reputed
- **Q20.** Fill in the blanks with the most appropriate word out of the four alternatives suggested below each question.

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Studying the current global, political conditions some predict that world war III is

2. Imminent







^{1.} Eminent







- 3. Immanent
- 4. Nascent

Q21. Out of the four alternatives, choose the one which best expresses the opposite meaning of the given word.

Boisterous

- 1. Active
- 2. Serenity
- 3. Cheerful
- 4. Courageous

Q22. Out of the four alternatives, choose the one which best expresses the meaning of the given word.

VIGILANT

- 1. Attentive
- 2. Heedless
- 3. Bashful
- 4. Gloomy

Q23. Four words are given in the question, out of which only one word is correctly spelt. Find the correctly spelt word.

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- 1. Accommodate
- 2. Aparent
- 3. Amatuer

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Q24. Fill in the blanks with the correct alternative.

It was very kind of you to do the washing-up, but you _____ it.

- 1. didn't have to do
- 2. hadn't to do
- 3. mightn't have done
- 4. mustn't have done
- **Q25.** A sentence is given with a blank to be filled in with an appropriate word. Four alternatives are suggested for the blank. Choose the correct alternative out of the four to fill in the blank.

He was assured by his friends ______ every type of help in an emergency.

- 1. By
- 2. Of
- 3. With
- 4. About

Q26. Find the odd word.

- 1. Fraternity
- 2. Equality
- 3. Liberty
- 4. Society













Q27. From the given options, choose the group, which is different from others.

- 1. PXTQ
- 2. NAXO
- 3. SURP
- 4. JPNK

Q28. Directions: In the following question, find the odd number from the given alternatives.

- 1. 626
- 2. <mark>8</mark>41
- 3. <mark>962</mark>
- 4. <mark>1090</mark>

Q29. Directions: In the question below select the related word from the given alternative.

Cobbler: Leather :: Tailor: ?

- 1. Cloth
- 2. Shirt
- 3. Draper
- 4. Thread

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Q30. Directions: In the question below select the related word from the given alternative.

Sheep: Mutton :: Deer: $\underline{?}$









- 1. Meat
- 2. Flesh
- 3. Venison
- 4. Veal

Q31. Directions: In the question below select the related number from the given alternative.

- 1. 10:100
- 2. 9:90
- 3. 13:169
- 4. **15**:250

Q32. Directions: In question a series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.

7, 12, 22, 42, 82, ?

- 1. 173
- 2. 162
- 3. 183
- 4. 143

Q33. Directions: In the following question, a series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series. _____, DREQ, GUHT, JXKW

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- 1. EFRS
- TGSF
 JWVI
- 4. AOBN

Q34. Which one of the sets of letters when sequentially placed at gaps in the given letter series shall complete it?

aba_baca_ba_bacaabac_aca

- 1. cacb
- 2. ccab
- 3. cabc
- 4. abcc

Q35. Directions: In question a series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.

P 3 C, R 5 F, T 8 I, V 12 L, <u>?</u>

- 1. W 16 O
- 2. X 17 O
- 3. X 18 P
- 4. Y 17 P
- **Q36.** If LOSE is coded as 1357 and GAIN is coded as 2468, what do the figures 84615 stand for?
 - 1. NAILS

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- 2. SNAIL
- 3. LANES
- 4. SLAIN

Q37. If DANCE is coded as GXQZH then how will RIGHT be coded?

- 1. UFJEW
- 2. SGKFX
- 3. UFJWE
- 4. UFWJE

Q38. Raju cycled 10 km south from his house, turned right and went 5 km and again turned right and cycled 10 km and then turned left and cycled 10 km. How many kilometers will he have to cycle back to reach his house?

- 1. 5 km
- 2. 20 km
- 3. 15 km
- 4. 10 km
- **Q39.** A and B are brothers. C and D are sisters. A's son is D's brother. How is B related to C?

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- 1. Father
- 2. Brother
- 3. Grandfather













Q40. Directions: In the following question, find the missing number from the given responses.

341	(16)	521
613	(25)	816
452	(?)	326

- 1.
 27

 2.
 22

 3.
 30
- 4. 41

Q41. Directions: In the following question, select the missing number from the given responses.



- 1. 20
- 2. 25













- **Q42.** A two member committee comprising of one male and one female member is to be constituted out of five males and three females. Amongst the females, Ms. A refuses to be a member of the committee in which Mr. B is taken as the member. In how many different ways can the committee be constituted?
 - 1. 11
 2. 12
 3. 13
 4. 14

Q43. Ramesh ranks 13th in a class of 33 students. There are 5 students below Suresh rank wise. How many students are there between Ramesh and Suresh?

- 1. 12
 2. 14
 3. 15
- 4. 16

Q44. Directions: In question some equations are solved on the basis of certain system. Find out the correct answer for the unsolved equation on that basis.

 $2 \times 4 \times 6 = 4; 9 \times 3 \times 7 = 13; 4 \times 7 \times 6 = 3; 9 \times 7 \times 8 = ?$

- 1. 10
- 2. 09









Q45. Identify the region that represents students studying Biology and Computer not Mathematics



Q46. Some statements are given followed by three conclusions I, II and II. You have to consider the statements to be true, even if they seem to be at variance from commonly known facts. You have to decide which of the given conclusion if any, follow from the given statements. Indicate your answer.

Statements:

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All chickens are birds.











Some chickens are hens.

Female birds lay eggs.

Conclusion:

I. All birds lay eggs.

II. Some hens are birds.

III. Some chickens are not hens.

- 1. All conclusions I, II and III follow
- 2. Only conclusion I follow.
- 3. Only conclusion II follows.
- 4. Conclusion II and III both follow.

Q47. Directions: In the following question, a statement is given followed by two conclusions/assumptions. You have to consider the statement to be true even if it seems to be at variance from commonly known facts. You have to decide which of the given conclusions/assumptions, if any, follow from the given statement.

Statement: If people are intelligent they should be creative.

Assumptions:

I. Creativity and intelligence are related.

- II. Creative people are intelligent.
- 1. Both assumptions I and II are invalid.
- 2. Only assumption I is valid.
- 3. Only assumption II is valid
- 4. Both assumptions I and II are valid.
- **Q48.** A piece of paper is folded and punched as shown below, identify the answer image that shows the paper when un-folded:

















3.















Q49. Among the four answer figures. Which figure can be formed from the cut-pieces given below in the question figure?

















Q50. If a mirror is placed on the line MN, then which of the answer figure is the right image of the question figure?













Q51. If $x^2 + x = 5$. Then the value of $(x + 3)^3 + \frac{1}{(x+3)^3}$

- 1. 120
- 2. 130
- 3. 140
- 4. 110

Q52. 50 boxes with equal weights were loaded in a ship. 5 more boxes each weighing 105 kg were later added, making the average weight of all the 55 boxes as 95 kg. The weight of each of the 50 boxes first loaded is

- 1. 98 kg
- 2. 94 kg
- 3. 95 kg
- 4. 92 kg
- **Q53.** X and Y can do a piece of work in 30 days. They work together for 6 days and then X quits and Y finishes the work in 32 more days. In how many days can Y do the piece of work alone?
 - 1. 30 days









- 2. 32 days
- 3. 34 days
- 4. 40 days

Q54. The value of $sec\theta(\frac{1+sin\theta}{cos\theta} + \frac{cos\theta}{1+sin\theta}) - 2\tan^2\theta$ is

- 1. 4 2. 1
- 3. 2
- 4. 0

Q55. Two circles are of radii 7 cm and 2 cm their centers being 13 cm apart. Then the length of direct common tangent to the circles between the points of contact is

- 1. 12 cm
- 2. 15 cm
- 3. 10 cm
- 4. 5 cm

Q56. $\sqrt{\frac{0.009 \times 0.036 \times 0.016 \times 0.08}{0.002 \times 0.0008 \times 0.0002}}$ is equal to

- 1. 34
- 2. 36









- **Q57.** A shopkeeper bought 80 kg of sugar at the rate of Rs 13.5 per kg. He mixed it with 120 kg of sugar costing Rs 16 per kg. in order to make a profit of 20%, he must sell the mixture at:
 - 1. Rs 18
 - 2. Rs 17
 - 3. Rs 16.4
 - 4. Rs 15

Q58. Five bell commence tolling together and toll at a interval 3, 5, 6, 8 and 9 seconds respectively. How many times do they toll together in a hour

- 1. 9
- 2. 10
- 3. 12
- 4. 11
- **Q59.** Some bricks are arranged in a pile having volume 20 cu. m. If the length, breadth and height of each brick is 25 cm, 12.5 cm and 8 cm respectively, then in that pile the number of bricks are (suppose there is no gap in between two bricks)







Q60. Two circles with centres P and Q intersect at B and C. A, D are points on the circles with centres P and Q respectively such that A, C, D are collinear. If $\angle APB = 130^{\circ}$, and $\angle BQD = x^{\circ}$, then the value of x is

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- 1. 65
- 2. 130
- 3. 195
- 4. 135

Q61. The difference between the compound interest and simple interest for the amount Rs, 5,000 in 2 years is Rs. 32. The rate of interest is

- 1. 5%
- 2. 8%
- 3. 10%
- 4. 12%

Q62. $\frac{\sec^2\theta - \cot^2(90^\circ - \theta)}{\csc^2 67^\circ - \tan^2 23^\circ} + \sin^2 40^\circ + \sin^2 50^\circ$ is equal to







- **Q63.** The marked price of watch was Rs. 820. A man bought the watch for Rs. 570.72 after getting two successive discounts, of which the first was 20%. The second discount was:
 - 1. 18%
 - 2. 15%
 - 3. 13%
 - 4. 11%

Q64. Monthly incomes of A and B are in the ratio of 4 : 3 and their expenses bear the ratio 3 : 2. Each of them saves Rs. 6,000 at the end of the month, then the monthly income of A is

- 1. Rs. 12,000
- 2. Rs. 24,000
- 3. Rs. 30,000
- 4. Rs. 60,000

Q65. What will come in the place of the question mark (?) in the following number series?

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211, 215, 223, 230, 235, ?

- 1. 245
- 2. 242
- 3. 239
- 4. 244

Q66. A hollow sphere of internal and external radius 3 cm and 5 cm respectively is melted into a solid right circular cone of diameter 8 cm. The height of the cone is



Q67. A farmer travelled a distance of 61 Km in 9hrs. He travelled partly on foot at the rate of 4km/hr and partly on bicycle at the rate of 9km/hr. The distance travelled in km on foot is :

- 1. 17
- 2. 16
- 3. 14
- 4. 15

Q68. A car is travelling on a straight road leading to a tower. From a point at a distance of 500 m from the tower, as seen by the driver, the angle of elevation of the top of the











tower is 30°. After driving towards the tower for 10 seconds, the angle of elevation of the top of the tower as seen by the driver is found to be 60°. Then the speed of the car is

- 1. 135 km/hr.
- 2. 110 km/hr.
- 3. 120 km/hr.
- 4. 90 km/hr.



- **Q70.** When a pendulum of length 50 cm oscillates, it produces an arc of 16 cm. the angle so formed in degree measure is (approx)
 - 1. $18^{\circ}25'$
 - 2. 18°35'
 - 3. 18°20'
 - 4. 18°08'

Q71-75. Directions: Study the pie-chart given below and answer the questions that follow. Budget Estimated by a family for their Monthly expenses.









Total salary = Rs. 40,000 per month



Q71. The family saved Rs. 2400 on their electricity bill. What is the new percentage of electricity bill amount of the total salary?

- 1. 11%
- 2. 13%
- 3. 12%
- 4. 14%

Q72. What is the difference in the amount estimated by the family on electricity and cell bill?

- 1. Rs. 3600
- 2. Rs. 2800
- 3. Rs. 3200

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4. Rs. 3440





Q73. If the family actually pays Rs. 9678 on grocery. What is the difference between the actual expense & the estimated budget?

- 1. Rs. 1512
- 2. Rs. 1544
- 3. Rs. 1522
- 4. Rs. 1536
- **Q74.** Due to sudden marriage, the family incurs miscellaneous expenditure of Rs. 2650 in total. How much is the increase in the amount under this head from the estimated budget.



Q75. What is the budget estimated by the family on clothing and grocery together?

- 1. Rs. 14000
- 2. Rs. 16400
- 3. Rs. 16000
- 4. Rs. 12400

Q76. Which of the following dances has created a world record recently?









- 1. Kuchipudi
- 2. Bharatnatyam
- 3. Mohiniattam
- 4. Bihu

Q77. Which of the following cities has been ranked India's most Dynamic city?

- 1. Mumbai
- 2. Bengaluru
- 3. New Delhi
- 4. Hyderabad

Q78. Martrys Day is celebrated every year to pay tribute to _____

- 1. Netaji Subhashchandra Bose
- 2. Balgangadhar Tilak
- 3. Mahatma Gandhi
- 4. Jawaharlal Nehru

Q79. Nedumkayam, first cashless tribal economy of the country is located in

- 1. Jharkhand
- 2. Rajasthan
- 3. Chhattisgarh
- 4. Kerala







Q80. Which material has been described as the nano-material of the century?

- 1. Graphene
- 2. Antimony
- 3. Boron
- 4. Thulium

Q81. Supreme Court on January 30 appointed a _____ member panel to run the BCCI under Vinod Rai



Q82. The first Robot journalist hails from which country?

- 1. Japan
- 2. USA
- 3. China
- 4. South Korea

Q83. Annual Economic Survey is published by

- 1. RBI
- 2. IIM Ahmedabad













- 3. Indian Banks Association
- 4. Ministry of Finance

Q84. Angel Falls are located in which of the following country?

- 1. Brazil
- 2. Argentina
- 3. Cuba
- 4. Venezuela

Q85. Doha Round is related to which of the following bodies?

- 1. IMF
- 2. UN
- ASEAN
 WTO



Q86. Which of the following are the four factors of production?

- 1. Land, labour, capital, organization
- 2. Land, water, electricity and capital
- 3. Labour, climate, land and water
- 4. Labour, capital, land and water

Q87. Which state is the largest producer of Mica in India?











- 1. Orissa
- 2. Rajasthan
- 3. Jharkhand
- 4. Andhra Pradesh

Q88. Which of the following has a potential of harnessing tidal energy in India?

- 1. Backwaters of Kerala
- 2. Gulf of Cambay
- 3. Chilka lake
- 4. Gulf of Mannar

Q89. By which ruler Pataliputra was chosen for the first time as a capital?

- 1. Ajatasatru
- 2. Kalasok
- 3. Udayin
- 4. Kanishka

Q90. Who headed the Interim Cabinet which was formed in the year 1946?

- 1. Rajendra Prasad
- 2. Jawaharlal Nehru
- 3. Sardar Vallabhbhai Patel
- 4. Rajagopalachari













- **Q91.** Promotion of International peace and security is a part of
 - 1. Fundamental Duties
 - 2. Directive Principal of State Policies
 - 3. Preamble
 - 4. None of the above
- **Q92.** Who amongst the following is the deciding authority on whether a bill is a money bill or not?
 - 1. President
 - 2. Prime Minister
 - 3. Speaker of Lok Sabha
 - 4. Vice-President
- **Q93.** Which of the following is true about Phytoplanktons?
 - 1. They are known as agents of primary creation
 - 2. They are also known as microalgae
 - 3. They have been constantly declining over the last century
 - 4. All of the above
- **Q94.** Which of the following is not a part of Ideal gas law equation?

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- 1. Avogadro's law
- 2. Boyle's law

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- 3. Charles' law
- 4. None. They are all a part of it

Q95. What is the full form of LTE with respect to mobile communication?

- 1. Limited Transmitted Energy
- 2. Long Term Evolution
- 3. Least Effective Transportation
- 4. None of the above

Q96. Choose the nation from the following which is not a part of the African Union.

- 1. Comoros
- 2. Lesotho
- 3. Algeria
- 4. Morocco

Q97. Indian national congress was formed in the year

- 1. 1881
- 2. 1882
- 3. 1884
- 4. 1885

Q98. Swadeshi movement began in









- 1. 1903
- 2. 1905
- 3. 1907
- 4. 1909

Q99. Which Mughal achieved the fulsome development of painting?

- 1. Humayun
- 2. Akbar
- 3. Babur
- 4. Jahangir

Q100. The chief constituent of water-glass is?

1. calcium silicate

- 2. sodium silicate
- 3. magnesium silicate
- 4. salicylic

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