PREVIOUS YEAR PAPER

# SSC CGL 2017 Tier I — 21 August 2017, Shift 2

SSC CGL · 21 August 2017 · 1:15 PM - 2:15 PM

91 of the paper's 100 questions · +2 for a correct answer, −0.5 for a wrong one · 60 minutes

Left out of the original paper: 9 (any question that needs a figure or formatting we cannot show, has no answer in the response sheet, or could not be checked against a second copy of the paper).

Questions from the Staff Selection Commission's paper of 21 August 2017, 1:15 PM - 2:15 PM. Each question is followed by its answer, and the answer key is repeated on the last page.

Take it as a timed practice test: exambharo.com/ssc-cgl/previous-year-papers/ssc-cgl-2017-tier-1-21-aug-shift-2/

## General Intelligence and Reasoning

1. Select the related word from the given alternatives. Pencil : Lead :: Pen : ?
   (a) Ball
   (b) Write
   (c) Blue
   (d) Ink
   **Answer: (d)**

2. Select the related letters from the given alternatives. DGI : JMO :: RUW : ?
   (a) XAC
   (b) WYZ
   (c) ACE
   (d) ZAC
   **Answer: (a)**

3. Select the related number from the given alternatives. 236 : 472 :: 123 : ?
   (a) 246
   (b) 426
   (c) 642
   (d) 247
   **Answer: (a)**

4. Select the odd word from the given alternatives.
   (a) Car
   (b) Jeep
   (c) Van
   (d) Cycle
   **Answer: (d)**

5. Select the odd letters from the given alternatives.

(a) WVU

(b) QPO

(c) GED

(d) LKJ

**Answer: (c)**

6. Select the odd number from the given alternatives.

(a) 13

(b) 17

(c) 21

(d) 23

**Answer: (c)**

7. A series is given, with one word missing. Choose the correct alternative from the given ones that will complete the series. Laugh, Alter, Melts, Realm, Muesli, ?

(a) Missile

(b) Shall

(c) Alien

(d) Rifle

**Answer: (a)**

8. A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series. E, H, L, O, S, ?

(a) U

(b) W

(c) V

(d) X

**Answer: (c)**

9. A series is given, with one number missing. Choose the correct alternative from the given ones that will complete the series. 99, 90.7, 82.4, ? , 65.8, 57.5

(a) 73.3

(b) 74.8

(c) 75.2

(d) 74.1

**Answer: (d)**

10. Akarsh's birthday is on Saturday 29th July. On what day of the week will be Ojas's Birthday in the same year if Ojas was born on 12th August?

(a) Wednesday

(b) Friday

(c) Saturday

(d) Sunday

**Answer: (c)**

11. The weights of 4 boxes are 30, 70, 60 and 20 kilograms. Which of the following cannot be the total weight, in kilograms, of any combination of these boxes and in a combination a box can be used only once?

(a) 180

(b) 190

(c) 120

(d) 150

**Answer: (b)**

12. From the given words, select the word which cannot be formed using the letters of the given word. JOSTLING

(a) INLET

(b) GLINT

(c) INGOT

(d) JINGO

**Answer: (a)**

13. If PROJECT is coded as KILQVXG, then how will EGO be coded as?

(a) VPU

(b) MJN

(c) VTL

(d) SGD

**Answer: (c)**

14. In a certain code language, '+' represen[illegible] 'x', '[illegible]epresents '+', 'x' represents '÷' and '÷' represents '-'. What is the answer to the follo[illegible]estion? 75 - 5 + 25 ÷ 125 = ?

(a) 5

(b) 10

(c) 3

(d) 75

**Answer: (d)**

15. If 15@7=44; 5@4=18; 6@17=46; then what is the value of 17@4=?

(a) 36

(b) 42

(c) 40

(d) 49

**Answer: (b)**

17. A car travels 17 km South, then turns East and travels 11 km, then turns North and travels 9 km, then turns to its left and travels 11 km. Where is the car now with reference to its starting position?

(a) 8 km North

(b) 8 km South

(c) 26 km South

(d) 26 km North

**Answer: (b)**

18. In the question two statements are given, followed by two conclusions, I and II. You have to consider the statements to be true even if it seems to be at variance from commonly known facts. You have to decide which of the given conclusions, if any, follows from the given statements. Statement 1 : No shirts are t-shirts. Statement 2 : All t-shirts are cotton. Conclusion I : Some shirts are cotton. Conclusion II : No t-shirts are shirts.

(a) Only conclusion I follows

(b) Only conclusion II follows

(c) Both I and II follow

(d) Neither I nor II follows

**Answer: (d)**

## General Awareness

26. The demand for a inferior good increases with _____ in the consumer's income.

(a) increase

(b) decrease

(c) constant

(d) double

**Answer: (b)**

27. Goods for which demand move in the opposite direction of the income of the consumer are called?

(a) Inferior goods

(b) Normal goods

(c) Complementary goods

(d) Substitute goods

**Answer: (a)**

28. "Population control and family planning" is listed in the _____ list given in the Seventh Schedule in the Constitution of India.

(a) Union

(b) State

(c) Global

(d) Concurrent

**Answer: (d)**

29. _____ is issued when the court finds that a particular office holder is not doing legal duty and thereby is infringing on the right of an individual.

(a) Habeas Corpus

(b) Mandamus

(c) Prohibition

(d) Quo Warranto

**Answer: (b)**

30. According to the categories of land mentioned in the Chola inscriptions _____ was known as the land donated to Jaina institutions?

(a) Vellanvagai

(b) Brahmadeya

(c) Shalabhoga

(d) Pallichchhandam

**Answer: (d)**

31. Prince Khurram was the name of the future Emperor _____.

(a) Shah Jahan

(b) Jahangir

(c) Babur

(d) Akbar

**Answer: (a)**

32. _____ are defined as the mass movement of rock, debris or earth down a slope.

(a) Earthquake

(b) Cyclone

(c) Flood

(d) Landslide

**Answer: (d)**

33. The material carried by the glacier such as rocks big and small, sand and silt gets deposited, which are called glacial _____.

(a) moraines

(b) deltas

(c) plateaus

(d) grooves

**Answer: (a)**

34. Based on the common features like presence of notochord and dorsal hollow neural system, animals like fishes, amphibians, reptiles, birds along with mammals are included in which Phylum?

(a) Mammalia

(b) Chordata

(c) Primata

(d) Insecta

**Answer: (b)**

35. The members of phaeophyceae are commonly called _____ algae.
    (a) Green
    (b) Brown
    (c) Red
    (d) Yellow
    **Answer: (b)**

36. Asterias (Star fish), Echinus (Sea urchin), Antedon (Sea Lily) are all examples of which Phylum?
    (a) Echinodermata
    (b) Annelida
    (c) Platyhelminthes
    (d) Arthropoda
    **Answer: (a)**

37. During uniform motion of an object along a straight line, the _____ remains constant with time.
    (a) Time
    (b) Velocity
    (c) Acceleration
    (d) Distance
    **Answer: (b)**

38. The impression of an image persists on the retina about _____ of a second.
    (a) 1/10th
    (b) 1/8th
    (c) 1/16th
    (d) 1/5th
    **Answer: (c)**

39. In Microsoft Word, _____ allows us to move selected paragraphs to the left.
    (a) Decrease Indent
    (b) Increase Indent
    (c) Double Indent
    (d) Single Indent
    **Answer: (a)**

40. Acetic Acid is another name for which of the following?
    (a) Vinegar
    (b) Baking Soda
    (c) Copper Sulphate
    (d) Magnesium Oxide
    **Answer: (a)**

41. The reaction of Copper Sulphate and Iron produces Iron Sulphate and _____.
    (a) Vinegar
    (b) Ash
    (c) Baking Soda
    (d) Copper
    **Answer: (d)**

42. A few organisms can tolerate and thrive in a narrow range of temperatures. Such organisms are called _____.
    (a) Osmotic
    (b) Eurythermal
    (c) Stenothermal
    (d) Hydrothermal
    **Answer: (c)**

43. _____ scheme was launched by the Central Government in the state of Bihar to provide clean water of the Ganges to domestic areas via postal services.
    (a) Gangajal Delivery Scheme
    (b) Mission Bhagiratha In Telangana
    (c) National Apprenticeship Promotion
    (d) Railway Travel Insurance
    **Answer: (a)**

44. Who discovered Electron?
    (a) Enrico Fermi
    (b) Robert Noyce
    (c) J.J.Thomson
    (d) James Dyson
    **Answer: (c)**

45. Which country won the 2016 Men's Kabaddi World Cup?
    (a) India
    (b) Thailand
    (c) Pakistan
    (d) Iran
    **Answer: (a)**

46. Mattancherry Palace is located in?
    (a) West Bengal
    (b) Kerala
    (c) Rajasthan
    (d) Karnataka
    **Answer: (b)**

47. Which of the following is an award given by the Government of India to recognize outstanding achievement in National sports?

(a) Ashok Chakra

(b) Dada Saheb Phalke Awards

(c) Arjuna Award

(d) Padma Shri

**Answer: (c)**

48. Which of the statements given below are not correct? 1. The author of the novel 'A Visit from the Goon Squad' is Edward P Jones. 2. The author of the novel 'The Corrections' is Jonathan Franzen. 3. The author of the novel 'The Known World' is Jennifer Egan.

(a) 1 and 2

(b) 2 and 3

(c) 1 and 3

(d) 1, 2 and 3

**Answer: (c)**

49. In April 2017, the G20 Digital Ministerial Meeting on Digital Economy was held in which country?

(a) Italy

(b) Germany

(c) France

(d) USA

**Answer: (b)**

50. Which is the only train which runs between Kolkata and Dhaka?

(a) Dosti Express

(b) Maitree Express

(c) Bangla Express

(d) Padma Express

**Answer: (b)**

## Quantitative Aptitude

51. Select the correct option: Convert decimal 99 to binary.

(a) 1100101

(b) 1101001

(c) 11100011

(d) 1100011

**Answer: (d)**

52. Anil is twice as good as workman as Bimal and together they finish a piece of work in 9 days. In how many days will Anil alone finish the work?

(a) 12.5

(b) 11.5

(c) 10.5

(d) 13.5

**Answer: (d)**

53. What is the area (in sq cm) of a circle whose circumference is 22 cm?

(a) 77

(b) 38.5

(c) 44

(d) 88

**Answer: (b)**

54. The cost price of an article is x. It is marked up by 150%. It is sold at Rs 600 after giving 40% discount. What is x (in Rs)?

(a) 400

(b) 666

(c) 300

(d) 444

**Answer: (a)**

55. A bag has Rs.51.25 in the form of 2-rupee, 50-paise and 25-paise coins in the ratio of 3:5:7. What is the total number of 50-paise coins?

(a) 15

(b) 35

(c) 25

(d) 5

**Answer: (c)**

57. A milkman buys milk at Rs 25 per litre and adds 1/4 of water to it and sells the mixture at Rs 26 per litre. His gain (in %) is?

(a) 25

(b) 20

(c) 30

(d) 15

**Answer: (c)**

58. When a number is increased by 120, it becomes 130% of itself. What is the number?

(a) 400

(b) 520

(c) 460

(d) 580

**Answer: (a)**

59. Two cyclists P and Q cycle at 20 km/hr and 25 km/hr towards each other. What was the distance (in kms) between them when they started if they met after 56 minutes?

(a) 36
(b) 39
(c) 42
(d) 45

**Answer: (c)**

60. The amount received at 10% per annum Compound interest after 3 yrs is Rs 5324. What was the principal (in Rs)?

(a) 4100
(b) 4200
(c) 4000
(d) 4300

**Answer: (c)**

61. If 14/3 + (1/2)(x - 7/3) = -2x/3, then the value of x is?

(a) -3
(b) 3
(c) 6
(d) -6

**Answer: (a)**

62. If a + b = 10 and ab = 24, then what is the value a3 + b3?

(a) 280
(b) 152
(c) 140
(d) 72

**Answer: (a)**

63. The sum of a fraction and 3 times its reciprocal is 19/4. What is the fraction?

(a) 3/4
(b) 4/3
(c) 5/4
(d) 4/5

**Answer: (a)**

64. The 3rd and 6th term of an arithmetic progression are 13 and -5 respectively. What is the 11th term?

(a) -29
(b) -41
(c) -47
(d) -35

**Answer: (d)**

65. What is the reflection of the point (6, -1) in the line y = 2?

(a) (-2 , -1)

(b) (-6 , 5)

(c) (6 , 5)

(d) (-2 , 1)

**Answer: (c)**

66. Point P (8 , 5) is the midpoint of segment AB. Co-ordinates of A are (5, y) and B are (x, -3). What is the value of x?

(a) -11

(b) 11

(c) 7

(d) -7

**Answer: (b)**

67. What is the equation of a line of slope 1/3 and y-intercept 5?

(a) x - 3y = -15

(b) x - 3y = 15

(c) x + 3y = -15

(d) x + 3y = 15

**Answer: (a)**

68. ΔABC is right angled at B. BD is an altitude. AD = [illegible]cm and DC = 9 cm. What is the value of AB (in cm)?

(a) 6

(b) 5

(c) 4.5

(d) 5.5

**Answer: (a)**

69. What is the value of Cot 60o - Sec 45o ?

(a) (√2 - √3)/√6

(b) (√3 - 3√2)/3

(c) (1 - 2√2)/2

(d) (1 - √3)/2

**Answer: (b)**

70. Δ ABC is right angled at B. If m∠A = 30o, what is the length of AB (in cm), if AC = 10 cm?

(a) 5

(b) 5√3

(c) 10√3

(d) 10

**Answer: (b)**

71. If Cot θ = 24/7, then Sin θ = ?
    (a) 24/25
    (b) 8/25
    (c) 7/25
    (d) 9/25
    **Answer: (c)**

72. Which wild life sanctuary has more tigers than D but less than F?
    (a) C
    (b) A
    (c) E
    (d) B
    **Answer: (d)**

73. What will be the total number of tigers left in the six sanctuaries, if 3 tigers are killed by poachers in sanctuary E and 9 tigers are added to sanctuary A?
    (a) 93
    (b) 96
    (c) 99
    (d) 95
    **Answer: (b)**

74. What is the ratio of tigers in sanctuaries E and F to that of tigers in sanctuaries D and C?
    (a) 3 : 7
    (b) 7 : 3
    (c) 5 : 2
    (d) 2 : 5
    **Answer: (b)**

75. If the total tiger population in these six sanctuaries had grown by 20% and 25% in the previous two decades, then what was the total tiger population in these six sanctuaries before 20 years?
    (a) 135
    (b) 150
    (c) 60
    (d) 45
    **Answer: (c)**

## English Comprehension

76. In the following question, some part of the sentence may have errors. Find out which part of the sentence has an error and select the appropriate option. If a sentence is free from error, select 'No Error'. Economically, we (1)/ understand the world (2)/ round us in terms of scarcity. (3)/No Error (4)

(a) 1

(b) 2

(c) 3

(d) 4

**Answer: (c)**

77. In the following question, some part of the sentence may have errors. Find out which part of the sentence has an error and select the appropriate option. If a sentence is free from error, select 'No Error'. The two children, (1)/ brother and sister, were onto (2)/ their way to school. (3)/No Error (4)

(a) 1

(b) 2

(c) 3

(d) 4

**Answer: (b)**

78. In the following question, the sentence given with blank to be filled in with an appropriate word. Select the correct alternative out of the four and indicate it by selecting the appropriate option. Finding the comedy routine extremely funny, the family laughed _____ along with the rest of the crowd.

(a) lot

(b) hysterically

(c) crazy

(d) guffaw

**Answer: (b)**

79. In the following question, the sentence given with blank to be filled in with an appropriate word. Select the correct alternative out of the four and indicate it by selecting the appropriate option. The detective's ability to _____ makes it easy for him to scare suspects into confessing.

(a) bluff

(b) stuff

(c) enough

(d) cough

**Answer: (a)**

80. In the following question, out of the four alternatives, select the word similar in meaning to the word given. Belligerent

(a) Antagonistic

(b) Co-operative

(c) Dandy

(d) Delightful

**Answer: (a)**

81. In the following question, out of the four alternatives, select the word similar in meaning to the word given. Indiscreet

(a) Careless

(b) Accurate

(c) Attentive

(d) Choosy

**Answer: (a)**

82. In the following question, out of the four alternatives, select the word opposite in meaning to the word given. Incentive

(a) Impetus

(b) Stimulus

(c) Enticement

(d) Hindrance

**Answer: (d)**

83. In the following question, out of the four alternatives, select the word opposite in meaning to the word given. Benediction

(a) Criticism

(b) Invocation

(c) Beatitude

(d) Approbation

**Answer: (a)**

84. In the following question, out of the four alternatives, select the alternative which best expresses the meaning of the idiom/phrase. [illegible] of the air

(a) To remove ventilator of a patient on his death bed

(b) To not eat food for a long period of time

(c) To stop broadcasting a radio or TV program

(d) To waste time on silly or trivial things.

**Answer: (c)**

85. In the following question, out of the four alternatives, select the alternative which best expresses the meaning of the idiom/phrase. To make a fuss about

(a) To be extremely delighted

(b) To work hard for eventual success

(c) To be very strict or have very high standards

(d) An excessive display of attention or activity

**Answer: (d)**

86. In the following question, out of the four alternatives, select the alternative which will improve the bracketed part of the sentence. In case no improvement is needed, select "no improvement". I should (has to be) with them tonight.

(a) has been

(b) have been

(c) been

(d) no improvement

**Answer: (b)**

87. In the following question, out of the four alternatives, select the alternative which will improve the bracketed part of the sentence. In case no improvement is needed, select "no improvement". He must not (to be left) like this.

(a) being left

(b) been left

(c) be left

(d) no improvement

**Answer: (c)**

88. In the following question, out of the four alternatives, select the alternative which is the best substitute of the words/sentence. Free from disturbance

(a) Tranquil

(b) Agitated

(c) Chaotic

(d) Violent

**Answer: (a)**

89. In the following question, out of the four alternatives, select the alternative which is the best substitute of the words/sentence. An arrangement of flowers fastened in a ring used for laying on a grave

(a) Brier

(b) Prickle

(c) Wreath

(d) Splint

**Answer: (c)**

90. In the following question, four words are given out of which one word is correctly spelt. Select the correctly spelt word.

(a) possesses

(b) posseses

(c) posesses

(d) poseses

**Answer: (a)**

91. In the following question, four words are given out of which one word is correctly spelt. Select the correctly spelt word.

(a) murmuring

(b) murmurring

(c) murrmuring

(d) murrmurring

**Answer: (a)**

92. The question below consists of a set of labelled sentences. Out of the four options given, select the most logical order of the sentences to form a coherent paragraph. There was no need to X-set a watch, for we had nothing Y-to fear from anybody or Z-anything in that vast untenanted plain

(a) ZYX

(b) ZXY

(c) YZX

(d) XYZ

**Answer: (d)**

93. The question below consists of a set of labelled sentences. Out of the four options given, select the most logical order of the sentences to form a coherent paragraph. This idea, however startling it may at X-first appear, is quite in accordance, as Y-before stated, with the analogy of changes Z-now going on in certain regions of the globe

(a) ZYX

(b) XYZ

(c) ZXY

(d) YZX

**Answer: (b)**

94. In the following question, a sentence has been given in Active/Passive voice. Out of the four alternatives suggested, select the one which best expresses the same sentence in Passive/Active voice. He mailed his application for a new job.

(a) The application for a new job is mailed by him.

(b) The application for a new job was mailed by him.

(c) He is the mailer of the application for a new job.

(d) He was the mailer of the application for a new job.

**Answer: (b)**

95. In the following question, a sentence has been given in Direct/Indirect speech. Out of the four alternatives suggested, select the one which best expresses the same sentence in Indirect/Direct speech. "Ooh! what a dirty child!" said my aunt.

(a) My aunt exclaimed disgustedly what a dirty child.

(b) My aunt exclaimed disgustedly that the child is very dirty.

(c) My aunt exclaimed disgustedly that the child was very dirty.

(d) My aunt exclaimed disgustedly what a dirty child it is.

**Answer: (c)**

**Passage — for questions 96–100**

> A passage is given with 5 questions following it. Read the passage carefully and choose the best answer to each question out of the four alternatives. Genetic variation is the cornerstone of evolution, without which there can be no natural selection, and so a low genetic diversity decreases the ability of a species to survive and reproduce, explains lead author Yoshan Moodley, Professor at the Department of Zoology, University of Venda in South Africa. Two centuries ago, the black rhinoceros – which roamed much of sub Saharan Africa – had 64 different genetic lineages; but today only 20 of these lineages remain, says the paper. The species is now restricted to five countries, South Africa, Namibia, Kenya, Zimbabwe and Tanzania. Genetically unique populations that once existed in Nigeria, Cameroon, Chad, Eritrea, Ethiopia, Somalia, Mozambique, Malawi and Angola have disappeared. The origins of the 'genetic erosion' coincided with colonial rule in Africa and the popularity of big game hunting. From the second half of the 20th century, however, poaching for horns has dramatically depleted their population and genetic diversity, especially in Kenya and Tanzania.

96. What is important for evolution?
    (a) Genetic variation
    (b) Large population
    (c) Mixing of species
    (d) Survival of the fittest

    **Answer: (a)**

97. Sub Sharan Africa has lost how many black rhino genetic lineages in 200 years?
    (a) 64
    (b) 20
    (c) 44
    (d) 30

    **Answer: (c)**

98. Genetically unique black rhinoceros has been lost in all of the following countries, except?
    (a) Tanzania
    (b) Nigeria
    (c) Chad
    (d) Malawi

    **Answer: (a)**

99. From the second half of the 20th century what has caused a dramatic fall in black rhinoceros population?
    (a) poaching
    (b) colonial rule
    (c) big game hunting
    (d) fall in genetic diversity

    **Answer: (a)**

100. Genetic diversity is proportional to _____.

(a) species population

(b) the ability of a species to survive and reproduce

(c) inbreeding

(d) extinction

**Answer: (b)**

# Answer key

Answer key as marked in the Staff Selection Commission's response sheet. "—" means the sheet did not show it clearly.

## General Intelligence and Reasoning

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | **(d)** | 2 | **(a)** | 3 | **(a)** | 4 | **(d)** | 5 | **(c)** | 6 | **(c)** | 7 | **(a)** | 8 | **(c)** |
| 9 | **(d)** | 10 | **(c)** | 11 | **(b)** | 12 | **(a)** | 13 | **(c)** | 14 | **(d)** | 15 | **(b)** | 17 | **(b)** |
| 18 | **(d)** | | | | | | | | | | | | | | |

## General Awareness

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

## Quantitative Aptitude

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 51 | **(d)** | 52 | **(d)** | 53 | **(b)** | 54 | **(a)** | 55 | **(c)** | 57 | **(c)** | 58 | **(a)** | 59 | **(c)** |
| 60 | **(c)** | 61 | **(a)** | 62 | **(a)** | 63 | **(a)** | 64 | **(d)** | 65 | **(c)** | 66 | **(b)** | 67 | **(a)** |
| 68 | **(a)** | 69 | **(b)** | 70 | **(b)** | 71 | **(c)** | 72 | **(d)** | 73 | **(b)** | 74 | **(b)** | 75 | **(c)** |

## English Comprehension

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 76 | **(c)** | 77 | **(b)** | 78 | **(b)** | 79 | **(a)** | [illegible] | **(a)** | 81 | **(a)** | 82 | **(d)** | 83 | **(a)** |
| 84 | **(c)** | 85 | **(d)** | 86 | **(b)** | 87 | **(c)** | [illegible] | **(a)** | 89 | **(c)** | 90 | **(a)** | 91 | **(a)** |
| 92 | **(d)** | 93 | **(b)** | 94 | **(b)** | 95 | [illegible] | [illegible] | **(a)** | 97 | **(c)** | 98 | **(a)** | 99 | **(a)** |
| 100 | **(b)** | | | | | | | | | | | | | | |