1. Select the related word/letters/number from the given alternatives.
   Horse : Foal : Swan :?
   A. Cub   B. Lamb
   C. Cygnet   D. Nymph
   Ans. C

2. Select the related word/letters/number from the given alternatives.
   ABCD : MOQS : : FGHI : ?
   A. RTXV   B. STTV
   C. RTVX   D. RVTW
   Ans. C

3. Select the related word/letters/number from the given alternatives.
   BY : GT : : DW : ?
   A. CF   B. FC
   C. PI   D. IR
   Ans. D

4. Select the related word/letters/number from the given alternatives.
   12 : 18 : 80 : ?
   A. 125   B. 100
   C. 120   D. 122
   Ans. C

5. Select the odd word/letters/number/number pair from the given alternatives.
   A. Baht   B. Dinar
   C. Pound   D. Iraq
   Ans. D

6. Select the odd word/letters/number/number pair from the given alternatives.
   A. A   B. U
   C. E   D. G
   Ans. D

7. Select the odd word/letters/number/number pair from the given alternatives.
   A. 746   B. 692
   C. 581   D. 737
   Ans. C

8. Select the odd word/letters/number/number pair from the given alternatives.
   A. 126   B. 168
   C. 224   D. 240
   Ans. D

9. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
   B, C, F, E, J, G, N, I, ?, ?
   A. R, M   B. R, L
   C. R, K   D. R, S
   Ans. C

10. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
    ELP, HNS, KPV, ?
    A. NRY   B. UXZ
    C. OXY   D. SVW
    Ans. A

11. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
    2, 3, 5, 9, 17, ?
    A. 31   B. 32
    C. 33   D. 34
    Ans. C

12. In the following question, two statements are given each followed by two conclusions I 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 conclusions, if any, follows from the given statements.
    Statement:
    I. We are going back again to our ancestors and finding out the importance of Yoga Pranayam.
    II. People in west have already opted it. It does not required any external equipment but only body and soul.
    Conclusions:
    I. Ancient science is treasure of many cures and natural remedies of various diseases.
    II. Technology has overshadowed these ancient sources and introduced new concepts of fitness called gym.
    A. Only conclusion II follows
    B. Conclusion I and II both follow
    C. Neither I nor II follow
    D. Only conclusion I follows
    Ans. D

13. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
    Second, Minute, hour, ?
    A. Days   B. Night
    C. Year   D. Month
    Ans. A

14. Amit, Bhuwan, Chetan, Dilip, Lalit and Fahim are sitting in a row facing west, Chetan is between Amit and Lalit, Bhuwan is just to the left of Lalit but right of Dilip. Chetan is sitting to the immediate right of Lalit. Fahim is at the extreme left end. Which pair is sitting by the side of Dilip?
    A. Lalit and Bhuwan
    B. Bhuwan and Fahim
    C. Amit and Fahim
    D. Chetan and Amit
    Ans. B

15. Arrange the given words in the sequence in which they occur in the dictionary.
    i. Irrelevant   ii. Invincible
    iii. Irresistible   iv. Invariable
    v. Investigate
    A. iv, ii, v, iii, i   B. iv, v, i, iii, ii
    C. ii, v, iv, i, iii   D. iv, v, ii, i, iii

Ans. D

16. In a certain code language "READER" is written as "123421" and "DIRTY" is written as "49178". How will "DEARER" be written in that code language?
    A. 432121   B. 423212
    C. 423121   D. 412312

Ans. C

17. In the following question, select the missing number from the given series.

36	86	35
72	59	78
56	45	?
52	100	100

    A. 11   B. 13
    C. 12   D. 14

Ans. B

18. If "-" stands for "division", "+" stands for "multiplication", "÷" stands for "subtraction" and "x" stands for "addition", then which of the following equations holds true?
    A. $4 \times 5 + 9 - 3 \div 4 = 15$
    B. $4 - 5 \times 9 + 3 \div 4 = 32$
    C. $4 - 5 \div 18 \times 3 - 4 = 70$
    D. $4 \div 5 + 9 - 3 \div 4 = 81$

Ans. A

19. In the following question, which one set of letters when sequentially placed at the gaps in the given letter series shall complete it?
    P_q_qq_p_qr
    A. qrppr   B. qrprq
    C. qrpqr   D. qpprq

Ans. B

220. A watch reads 3:30. If the minute hand points towards the north-east direction, then in what direction will the hour hand point?
    A. South-west   B. North-west
    C. South-east   D. North-east

Ans. D

21. A word is represented by only one set of numbers as given in any one of the alternatives. The sets of numbers given in the alternatives are represented by two classes of alphabets as shown in the given two matrices. The columns and rows of Matrix-I are numbered from 0 to 4 and that of Matrix-II are numbered from 5 to 9. A letter from these matrices can be represented first by its row and next by its column, for example, I 'I' can be represented by 23, 34 etc. and 'A' can be represented by 65, 99 etc. Similarly, you have to identify the set for the word 'RHINO'.

	0	1	2	3	4
0	I	R	O	E	W
1	E	I	W	R	O
2	O	W	E	I	R
3	W	E	R	O	I
4	R	O	I	W	E

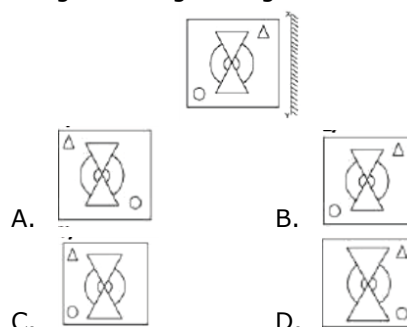|	5	6	7	8	9
5	N	H	A	Q	P
6	A	P	H	N	Q
7	P	N	Q	A	H
8	Q	A	P	H	N
9	H	Q	N	P	A

    A. 13, 79, 41, 68, 33
    B. 40, 56, 23, 97, 20
    C. 32, 67, 23, 89, 12
    D. 13, 88, 34, 76, 02

Ans. D

22. Pointing towards Anil, Shipra syas, "His mother's father is the grandfather of my brother". How is Anil related to Shipra?
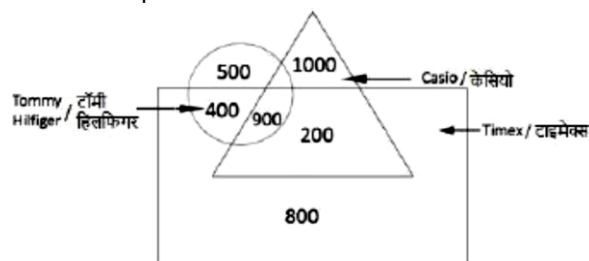   A. Father-In-law   B. Father
    C. Brother   D. Cousin

Ans. D

23. If a mirror is placed on the line XY, then which of the answer figures is the right image of the given figure?

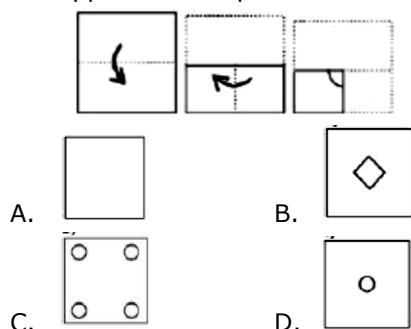

    A.   B.

    C.   D.

Ans. A

24. Study the information carefully and answer the question based on it.

    A. 100   B. 1200
    C. 800   D. 200

Ans. D

25. A piece of paper is folded and punched as shown below in the question figures. From the given answer figures, indicate how it will appear when opened.

A.

B.

C.

D.

Ans.

26. Which World Heritage Site is built on the right bank of the Yamuna River?
    A. Taj Mahal
    B. Hawa Mahal
    C. Hymayu's Tomb
    D. Mahabodhi Temple Complex
Ans. A

27. C. V. Raman won Nobel Prize for which category?
    A. Literature   B. Physics
    C. Peace   D. Economic Studies
Ans. B

28. Which of the following disease is caused due to the deficiency of protein?
    A. Arthritis   B. Kwashiorkor
    C. Goitre   D. Night Blindness
Ans. B

29. A _____is species of plant that has adapted to survive in an environment with little liquid water.
    A. xerophyte   B. hydrophyte
    C. mesophyte   D. thallophyte
Ans. A

30. How many types of teeth are there in humans?
    A. 4   B. 5
    C. 2   D. 3
Ans. A

31. Which of the following elements has the lowest melting point?
    A. Boron   B. Calcium
    C. Neon   D. Gold
Ans. C

32. Atomic number of which of the following elements is greater than that of Silicon_____
    A. Aluminium   B. Sulphur
    C. Magesium   D. Sodium
Ans. B

33. how many Gigabyte is equal to 1 Pettabyte?
    A. 256   B. 512
    C. 1024   D. 1025x1024
Ans. D

34. Which of the following is a percussion musical Instrument?
    A. Mridangam   B. Esraj
    C. Dilruba   D. Tanpura
Ans. A

35. If the break even quantity for a factory whose variable cost of manufacturing a tubelight is Rs 35 per unit and selling price is Rs 50 per unit is 600 units, find the fixed cost of the factory?
    A. Rs 30000   B. Rs 21000
    C. Rs 51000   D. Rs 9000
Ans. D

36. Match the characteristics with their market structure:
    (a) A single, homogeneous product with no close substitutes
    (b) Few sellers with interdependent pricing and quantity decision
    A. (a) Pure Competition, (b) Monopolistic Competition
    B. (a) Pure Monopoly, (b) Monopolistic Competition
    C. (a) Oligopoly (b) Pure Competition
    D. (a) Pure Monopoly, (b) Oligopoly
Ans. D

37. Air has maximum proportion of which insert gas?
    A. Carbon Dioxide
    B. Nitrous Oxide
    C. Argon
    D. Carbon Monoxide
Ans. C

38. Who put forward the 'Theory of Continental Drift' in 1915?
    A. C. C. Paterson
    B. Nicolaus Copernicus
    C. Alfred Wegener
    D. Galileo Galilei
Ans. C

39. Whose picture is on the USA's 50 dollar bill?
    A. Thomas Jefferson
    B. Abraham Lincoin
    C. Andrew Jackson
    D. Ulysses S. Grant
Ans. D

40. The rainfall due to upward movement of air caused by convergence of cold air masses against warm air masses is called _____.
   A. Cyclonic rainfall
   B. Oropgraphic rainfall
   C. Frontal rainfall
   D. Convectional rainfall

Ans. C

41. Silvassa is the Capital City of _____.
   A. Assam
   B. Chhattisgarh
   C. Dadra and Nagar Haveli
   D. Telengana

Ans. C

42. Which Freedom Fighter from Bengal died at the age of 18?
   A. Khudiram Bose
   B. Maulana Abul Kalam Azad
   C. Chittaranjan Das
   D. Raja Ram Mohan Roy

Ans. A

43. Which emperor shifted his capital from Delhi to Daulatabad?
   A. Aurangzab
   B. Muhammad Bin Tughlaq
   C. Sher Shah Suri
   D. Genghis Khan

Ans. B

44. Who Invented Gas Turbine?
   A. Edwin Howard Armstrong
   B. John Barber
   C. Edwin Beard Budding
   D. Nicholas Callan

Ans. B

45. What is the distance from the centre of the earth to the centre of the moon called?
   A. Orbital length of the moon
   B. Orbital length of the earth
   C. Orbital radius of the moon
   D. Orbital radius of the earth

Ans. C

46. Law of gravitation applies to _____
   A. Any pair of bodies
   B. The earth and the moon
   C. The planets around the Sun
   D. The earth and the objects on earth

Ans. A

47. Article 20 of the Indian Constitution "Protection in respect of conviction for offences" deals with?
   A. the fundamental rights of the Indian Citizen
   B. the Union Government
   C. the State Government
   D. the directive principles of state policy

Ans. A

48. Since Independence, India has been ruled by the Indian National Congress for how many years?
   A, 18   B. 26
   C. 39   D. 49

Ans. D

49. Which cricketer holds the fastest test century record?
   A. Brendon McCullum
   B. Virender Sehwag
   C. Vivian Richards
   D. Adam Gilchrist

Ans. A

50. Who is the author of "The Girl of My Dreams"?
   A. Amish Tripathi   B. Durjoy Datta
   C. Keshav Aneel   D. Savi Sharma

Ans. B

51. Factorise $x^2 + 5x - 14$.
   A. $(x-7)(x+2)$ B. $(x-1)(x+14)$
   C. $(x+7)(x-2)$ D. $(x-14)(x+1)$

Ans. C

52. If sum of the roots of quadratic equation is 1 and product of the roots is -20. Find the quadratic equation.
   A. $x^2 - x - 20 = 0$ B. $x^2 + x + 20 = 0$
   C. $x^2 + x - 20 = 0$ D. $x^2 - x + 20 = 0$

Ans. A

53. A man travels 434 km in, partly by rail and partly by steamer. He spends 8 hours more time on steamer. If the velocity of the steamer is 25 km/hr and the velocity of rail is 65 km/hr, how much distance does he cover by steamer?
   A. 318 km   B. 398 km
   C. 265 km   D. 477 km

Ans. C

54. Deepak lent Rs. 8800 to Jaichand for 13 years and Rs 5500 to Kapil for 12 years on simple interest at the same rate of interest and received Rs 1443 in all from both of them as interest. The rate of interest per annum is _____.
   A. 8.5 percent   B. 9 percent
   C. 9.5 percent   D. 8 percent

Ans. D

55. If $3x - 3 < 3 + x/2$ and $x - 2 \le 6 + 2c$; then x can take which of the following values?
   A. 6   B. 2
   C. 10   D. -10

Ans. B

56. The sum of non-zero number and twice its reciprocal is 33/4. Find the number.
   A. 9   B. 10
   C. 11   D. 8

Ans. D

57. Points P and Q lie on side AB and AC of triangle ABC respectively such that segment PQ is parallel to side BC. If the ratio of areas of triangle APQ: triangle ABC is 25:36. Then the ratio of AP:PB is_____.
   A. 5:6   B. 1:5
   C. 6:5   D. 5:1

Ans. D

58. The reciprocal of the sum of the reciprocals of 6/5 and 3/7 is_____.
   A. 57/18   B. 35/57
   C. 18/57   D. 57/35

Ans. C

59. A labourer can do a job in 36 hours. After 9 hours he takes a break. What fraction of the job is yet to be done?
   A. 0.5   B. 0.25
   C. 0.75   D. 0.2

Ans. C

60. The equation of the line it its slope is -3/7 and it passes through the point (5, -2) is_____.
   A. $3x + 7y = 29$ B. $3x - 7y = 1$
   C. $3x + 7y = 1$ D. $3x - 7y = 29$

Ans. C

61. If the sum of the measures of all the inter for angles of polygon is 1440°, find the number of sides of the polygon.
   A. 8   B. 12
   C. 10   D. 14

Ans. C

62. 20% discount is offered on an item. By applying a promo code the customer wins 30% cash back. What is the effective discount?
   A. 44 percent   B. 30 percent
   C. 32 percent   D. 22 percent

Ans. A

63. What is the altitude of an equilateral triangle whose side is 15 cm?
   A. $15\sqrt{3}$ cm   B. $10\sqrt{3}$ cm
   C. $(9\sqrt{3})/2$ cm   D. $(15\sqrt{3})/2$ cm

Ans. D

64. Two students appeared for an examination. One of them secured 19 marks more than the other and his marks were 60% of the sum of their marks.
   The marks obtained by them are_____.
   A. 78 and 59   B. 57 and 38
   C. 45 and 26   D. 99 and 80

Ans. B

65. The total surface area of a hemisphere is 41.58 sq cm. Find its curved surface area.
   A. 27.72 sq cm   B. 55.44 sq cm
   C. 9.24 sq cm   D. 13.86 sq cm

Ans. A

66. If then the value of x is
   A. $\sqrt{3}$ B. 1
   C. -1   D. -1/2

Ans. C

67. If $5A = 12B = 13C$; find A : B : C
   A. 60:65:156   B. 65:156:60
   C. 156:65:60   D. 13:12:5

Ans. C

68. If $\cos(A/2) = x,$ then the value of x is
   A. $\sqrt{[(1 - \cos A)/2]}$ B. $\sqrt{[(1 + \sin A)/2]}$
   C. $\sqrt{[(1 - \sin A)/2]}$ D. $\sqrt{[(1 + \cos A)/2]}$

Ans. D

69. The average marks of 72 students is shown as 69. It includes a wrong entry of 45 marks instead of 54 marks. The correct average is _____
   A. 68.875 marks   B. 69.125 marks
   C. 68.625 marks   D. 69.375 marks

Ans. B

70. The total cost of a dishwasher with a vaccum cleaner was Rs 78750. The vacuum cleaner was sold at a profit of 37% and the dishwasher at a loss of 27%. If the sale price was the same in both the items, then the cost price of the cheaper item was_____.
   A. Rs 51375   B. Rs 29375
   C. Rs 30750   D. Rs 27375

Ans. D

71. If $2\text{cosec}^2A = x$, then the value of x is
   A. $\sec A(\sec A - 1) + \sec A(\sec A + 1)$
   B. $\text{cosec}A(\sec A - 1) + \text{cosec}A(\sec A + 1)$
   C. $\sec A(\text{cosec}A - 1) + \sec A(\text{cosec}A + 1)$
   D. $\text{cosec}A(\text{cosec}A - 1) + \text{cosec}A(\text{cosec}A + 1)$

Ans. A

72. Refer the below table and answer the following Question.

Division/STd श्रेणी/कक्षा	Boys लड़के	Girls लडकियाँ
Division A/Standard 5 श्रेणी A/कक्षा 5	20	30
Division A/Standard 5 श्रेणी B/कक्षा 5	15	20
Division A/Standard 5 श्रेणी C/कक्षा 5	30	10
Division A/Standard 6 श्रेणी A/कक्षा 6	30	25
Division A/Standard 6 श्रेणी B/कक्षा 6	30	25
Division A/Standard 6 श्रेणी C/कक्षा 6	30	20

What is the ratio of boys to girls?
A. 26:31   B. 31:26
C. 33:28   D. 28:33

Ans. B

73. Refer the below data table and answer the following Question.

Marks / अंक	Boys/लड़के
40 and above 40 और उस से उपर	25
30 and above 30 और उस से उपर	44
20 and above 20 और उस से उपर	56
10 and above 10 और उस से उपर	86
0 and above 0 और उस से उपर	100

How many students have scored marks 20 or more but less than 40?
A. 31   B. 56
C. 44   D. 100

Ans. A

74. Refer the below data table and answer the following Question.

Year / वर्ष	GDP growth rate for the year (in %) वर्ष में सकल घरेलू उत्पाद (जीउपी) की वृद्धि का दर (प्रतिशत में)
2011	8
2012	3
2013	3
2014	8
2015	-7

If the GDP of the country was $5 trillion at the end of 2013, what was it at the beginning of 2015?
A. $4.65 trillion   B. $5.4 trillion
C. $5.15 trillion   D. $5.05 trillion

Ans. B

75. Refer the below data table and answer the following Question.

Subjects विषय	Marks scroed प्राप्त अंक
English / अंग्रेजी	70
Hindi / हिंदी	55
Math / गणित	70
Science / विज्ञान	55
Arts / कला	55

Five points are to be deducted from this students average of marks scored because of poor attendance. What will be this student's net average marks scroed?
A. 56   B. 51
C. 46   D. 61

Ans. A

76. Select the synonym of
A. severance   B. rendezvous
C. annul   D. disparate

Ans. B

77. Improve the bracketed part of the sentence.
You son(will) have looked smart is a kurta.
A. shall   B. can
C. would   D. no improvement

Ans. C

78. In the following question, out of the four alternatives, select the alternative which is the best substitute of the phrase.
To cut the wool off a sheep or other animal.
A. to mow   B. to prune
C. to pare   D. to shear

Ans. D

80. In the following question, out of the four alternatives, select the alternative which best expresses the meaning of the idiom/phrase.
to come hell or high water
A. to easily lose motivation
B. whatever difficulties may occur
C. to accomplish a very difficult task
D. wanting revenge very badly

Ans. B

81. 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".
His reputation for (A)/being rough on(B)/ students was well earned. (C)/No error(D)
A. A
B. B
C. C
D. D

Ans. D

82. Select the synonym of
to scar
A. to maim
B. to bedeck
C. to adorn
D. to embellish

Ans. A

83. Improve the bracketed part of the sentence.
Viren plays hockey and football (too).
A. both
B. also
C. even
D. no improvement

Ans. D

84. In the following question, a sentence has been given in Direct/Indirect speech. Out of the four alternatives suggested, select the one, which best express the same sentence in Indirect/Direct speech.
Sita said to her mother, "Do you always get up early?"
A. Sita asked her mother that, whether she always got up early.
B. Sita asked her mother that, whether she has been always getting up early.
C. Sita asked her mother that, if she has been always getting up early.
D. Sita asked her mother if she always got up early.

Ans. D

85. Select the antonym of
revel
A. gloom
B. spree
C. bacchanal
D. debauch

Ans. A

86. Rearrange the parts of the sentence in correct order.
The fundamental cause of
P-modern world the stupid are cocksure
Q-the trouble is that in the
R-while the intelligent are full of doubt
A. RPQ
B. QRP
C. QPR
D. PRQ

Ans. C

87. 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".
Tom Sawyer is one(A)/ of the best kid stories(B)/that was ever written. (C)/No error(D)
A. A
B. B
C. C
D. D

Ans. C

88. Select the antonym of
subdued
A. dim
B. boisterous
C. solemn
D. crestfallen

Ans. B

89. In the following question, sentence given with blank is to be filled in with an appropriate word. Select the correct a alternative out of the four and indicate it by selecting the appropriate option.
With our _____ incomes, my wife and I can usually afford two vacations a year.
A. modest
B. simple
C. timid
D. discreet

Ans. A

90. In the following question, out of the four alternatives, select the alternative which is the best substitute of the phrase.
to divide by cutting or slicing, especially suddenly and forcibly.
A. to detach
B. to bisect
C. to sever
D. to dissect

Ans. C

91. Select the word with the correct spelling.
A. montereal
B. literatie
C. residuum
D. wrethed

Ans. C

92. 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 teacher accused Jeetu of_____ because she knew he could never write such an exceptional paper.
A. borrowing
B. plagiarism
C. piracy
D. theft

Ans. B

93. Rearrange the parts of the sentence in correct order.
It ignores the real victim,
P-of getting justice
Q-often compelling him/her
R-to find extralegal methods
A. RQP
B. RPQ
C. PRQ
D. QRP

Ans. D

94. select the word with the correct spelling.
A. purlius
B. solemenly
C. recesed
D. heir loom

Ans. D

95. In the following question, a sentence has been given in Active/Passive voice. Out of four alternatives suggested, select the one, which best expresses the same sentence in Passive/Active voice,

The investigation team viewed the CCTV video clip.
   A. The CCTV video clip is being viewed by the investigation team.
   B. The CCTV video clip was being viewed by the investigation team.
   C. The CCTV video clip had been viewed by the investigation team.
   D. The CCTV video clip was viewed by the investigation team.

96. In the following passage, some of the words have been left out. Read the passage carefully and select the correct answer for the given blank out of the four alternatives.

History rarely produces moments_____ eplphany, where politics appears as a creative act of redemption and the future becomes a collective act of healing. _____society carries its wounds like a burden, a_____ reminder that justice works fragmentarily. Suddenly out of the crassness, the _____ of everyday politics, _____a moment to treasure.
   A. for   B. of
   C. with   D. about

Ans. B

97. In the following passage, some of the words have been left out. Read the passage carefully and select the correct answer for the given blank out of the four alternatives.

History rarely produces moments_____ eplphany, where politics appears as a creative act of redemption and the future becomes a collective act of healing. _____society carries its wounds like a burden, a_____ reminder that justice works fragmentarily. Suddenly out of the crassness, the _____ of everyday politics, _____a moment to treasure.
   A. Each   B. One
   C. All   D. A

Ans. A

98. In the following passage, some of the words have been left out. Read the passage carefully and select the correct answer for the given blank out of the four alternatives.

History rarely produces moments_____ eplphany, where politics appears as a creative act of redemption and the future becomes a collective act of healing. _____society carries its wounds like a burden, a_____ reminder that justice works fragmentarily. Suddenly out of the crassness, the _____ of everyday politics, _____a moment to treasure.
   A. infinite   B. pleasant
   C. long   D. perpetual

Ans. D

99. In the following passage, some of the words have been left out. Read the passage carefully and select the correct answer for the given blank out of the four alternatives.

History rarely produces moments_____ eplphany, where politics appears as a creative act of redemption and the future becomes a collective act of healing. _____society carries its wounds like a burden, a_____ reminder that justice works fragmentarily. Suddenly out of the crassness, the _____ of everyday politics, _____a moment to treasure.
   A. crudity   B. delicacy
   C. beauty   D. wonder

Ans. A

100. In the following passage, some of the words have been left out. Read the passage carefully and select the correct answer for the given blank out of the four alternatives.

History rarely produces moments_____ eplphany, where politics appears as a creative act of redemption and the future becomes a collective act of healing. _____society carries its wounds like a burden, a_____ reminder that justice works fragmentarily. Suddenly out of the crassness, the _____ of everyday politics, _____a moment to treasure.

_____a moment to treasure.
   A. came   B. went
   C. comes   D. goes

Ans. C