FOR ROUGH WORK / रफ कार्य के लिए
No. of Questions : 120

Time : 2 Hours

Note: (i) Attempt as many questions as you can. Each question carries 3 (Three) marks. One mark will be deducted for each incorrect answer. Zero mark will be awarded for each unattempted question.
(ii) If more than one alternative answers seem to be approximate to the correct answer choose the closest one.

1. The Government of India (GOI) has recently approved investment proposal for generation component of Arun-3 Hydro Electric Project in which country?
   (1) Myanmar (2) Nepal (3) Bhutan (4) Bangladesh

2. What is the India’s GDP forecast for FY-2018, as per latest report by International Monetary Fund (IMF)?
   (1) 7.2% (2) 6.8% (3) 6.6% (4) 7.0%

3. Which country has launched nation wide military operation ‘Radd-ul-Fasaad’ to eliminate terrorists?
   (1) Afghanistan (2) India (3) Bangladesh (4) Pakistan

4. Which country is going to host the 2019 combined World Cup for shooting?
   (1) India (2) Japan (3) Germany (4) Brazil

5. Which Union Ministry has launched the Botnet Cleaning and Malware Analysis Centre (BCMACH) for analysis of Malware and botnets that affect networks and systems?
   (1) Ministry of Sciences & Technology
   (2) Ministry of Electronics and Information Technology
   (3) Ministry of Information & Broadcasting
   (4) Ministry of Earth Sciences
6. Which of the following was the official mascot for FIFA U-17 World Cup India 2017?
   (1) Kheleo  (2) Zabivaka  (3) Fuleco  (4) Pille

7. Which sports outreach programme has been launched by the Union Government to promote football among school children?
   (1) Mission-XI-Million  (2) Mission-XIV-Million
   (3) Mission-XII-Million  (4) Mission-XV-Million

8. India has recently signed MOU with which country to ease restrictions on number of scheduled flights?
   (1) United States  (2) United Kingdom
   (3) South Africa  (4) Brazil

9. Sir Peter Mansfield was the Noble laureate from which country?
   (1) France  (2) England  (3) Brazil  (4) Singapore

10. The Government of India has launched an Integrated Disease Surveillance Project (IDSP) to monitor certain diseases. Which of the following is *not* covered under the project?
    (1) Malaria  (2) Polio  (3) Plague  (4) Cancer

11. India’s first Defence University has been recently setup in which State?
    (1) Uttar Pradesh  (2) Madhya Pradesh
    (3) Punjab  (4) Haryana

12. Which country has offered its help to India in its project of developing and production of “Kaveri Aircraft Engine”?
    (1) USA  (2) France  (3) Russia  (4) Japan

13. The followings are all mobile computing devices, except:
    (1) Notebook computers  (2) Internet banking
    (3) Digital Scanners  (4) Personal digital assistant

(4)
14. "Swayamsidha" is a scheme launched by the Govt. of India to help:
   (1) School children  (2) Health workers
   (3) Women  (4) Senior citizen

15. What is the full form of IFRS?
   (1) International Financial Reporting Standard
   (2) International Financial Rating Standard
   (3) Indian Functional Reporting Standard
   (4) Indian Financial Rating Standard

16. Which of the following is **not** a type of broadband?
   (1) Cable  (2) DSL  (3) Dial-up  (4) Satellite

17. Which of the following states of India decided to celebrate 'Forest and Environment Day'?
   (1) Uttar Pradesh  (2) Madhya Pradesh
   (3) Uttarakhand  (4) Kerala

18. What does PRSI stand for?
   (1) Programme Release System of India
   (2) Public Rural and Social Institute
   (3) Public Relations Society of India
   (4) Public Relations System of India

19. What is the full form of DAVP?
   (1) Directorate of Audio Visual Publicity
   (2) Directorate of Advertising and Visual Publicity
   (3) Directorate of Audio Visual Programme
   (4) Director Audio Visual Programme
20. When is 'Patrakarita Divas' celebrated?
   (1) 30th May       (2) 16th November  (3) 30th June       (4) 30th January

21. Who was the editor of 'Young India'?
   (1) Jawahar Lal Nehru       (2) Subhash Chandra Bose
   (3) Rabindranath Tagore     (4) Mahatma Gandhi

22. The Pulitzer Prize is given for excellence in the field of:
   (1) Public Relations       (2) Journalism
   (3) Soap Opera            (4) Advertising

23. "Enjoy everyday cooking" is the creative line used in the advertisement of..............Microwave.
   (1) Philips             (2) Samsung          (3) LG          (4) Blue Star

24. The ad jingle "Ride it with Pride" is used by LML for:
   (1) Ambition          (2) Freedom        (3) Fieeri       (4) Swift

25. Which is the first Internet Service Provider in India to offer 'Net Telephony'?
   (1) Bharati           (2) VSNL            (3) Net4 India   (4) PSTNs

26. "Whatever: Whoever: Wherever" is the ad line of:
   (1) DHL.              (2) First Flight    (3) Safe Express (4) Blue Dart

27. "Straight from the Heart" is the autobiography of who among the followings?
   (1) Imran Khan        (2) Kapil Dev      (3) Richard Hallee (4) Ian Botham

28. Faster shorthand writer was:
   (1) Dr. G. D. Bist    (2) J. R. D. Tata   (3) J. M. Tagore   (4) Khudada Khan

29. "Pure bhi poora bhi" is the punchline endorsed by Jackie Shroff in the advertisement of:
   (1) IBP Petrol        (2) HPCL            (3) IOC          (4) TISCO
30. Which country had hosted the 2017 Mobile World Congress?
   (1) Spain (2) India (3) Germany (4) France

31. Which of the following is the best conductor of electricity?
   (1) Iron (2) Aluminium (3) Silver (4) Copper

32. Which of the following rivers rises in Aravali Hills and ends in the Gulf of Cambay?
   (1) Netravati (2) Sabarmati (3) Luni (4) Saraswati

33. "Macintosh" an operating system of computer is a product of:
   (1) Microsoft (2) Apple (3) Intel (4) Google

34. Pressure Cooker facilitates cooking food easily because it:
   (1) Retains heat for a longer time (2) Increases the boiling point of water
   (3) Decreases the boiling point of water (4) Absorbs heat quickly

35. Which among the following is the correct order in which popular company 'Apple' released them?
   (1) Mac, iPod, iPad, iPhone (2) Mac, iPhone, iPod, iPad
   (3) Mac, iPod, iPhone, iPad (4) Mac, iPad, iPod, iPhone

36. Turmeric is obtained from which of the following parts of turmeric plant?
   (1) Seed (2) Root (3) Stem (4) Fruits

37. Which of the following country is the leading producer of 'Uranium'?
   (1) Russia (2) America (3) Canada (4) Australia

38. Vast grassy plains known as Pampas are found in:
   (1) Australia (2) Eurasia (3) South America (4) Africa

39. Who among the following was never the Lok Sabha Speaker?
   (1) K. V. K. Sundaram (2) G. S. Dhillon
   (3) Baliram Bhagat (4) Hukum Singh
40. In which of the following tissue water and minerals are transported in plants?
   (1) Parenchyma  (2) Collenchyma  (3) Xylem  (4) Phloem

41. \(199x + 201y = 1001, 201x + 199y = 999\). Find the value of \(x\) and \(y\):
   (1) \(x = 2, y = 3\)  (2) \(x = 3, y = 2\)  (3) \(x = 3, y = 4\)  (4) \(x = 4, y = 3\)

42. \(\frac{16}{2x+3y} - \frac{7}{3x+2y} = 1, \frac{8}{3(2x+3y)} + \frac{21}{3x+2y} = \frac{10}{3}\). Find the value of \(x\) and \(y\):
   (1) \(x = 2, y = 1\)  (2) \(x = 1, y = 2\)  (3) \(x = -2, y = -1\)  (4) \(x = -1, y = -2\)

43. If \(P : Q = 3 : 4\), find \(5P : 7Q\):
   (1) \(\frac{20}{37}\)  (2) \(\frac{3}{4}\)  (3) \(\frac{15}{28}\)  (4) \(\frac{20}{37}\)

44. If \(a : b = 7 : 3\), find \(a + b : a-b\):
   (1) \(5 : 2\)  (2) \(2 : 5\)  (3) \(7 : 3\)  (4) \(3 : 7\)

45. If \(\frac{x+y}{2x+y} = \frac{4}{5}\), find \(\frac{2x+y}{3x+y}\):
   (1) \(\frac{4}{5}\)  (2) \(\frac{5}{6}\)  (3) \(\frac{6}{7}\)  (4) \(\frac{3}{4}\)

46. If \(a + b : a-b = 3 : 2\), find \(a : b\):
   (1) \(5 : 1\)  (2) \(1 : 5\)  (3) \(3 : 5\)  (4) \(5 : 3\)

47. Find the duplicate ratio of \(3 : 4\):
   (1) \(3 : 8\)  (2) \(6 : 4\)  (3) \(5 : 7\)  (4) \(9 : 16\)

48. Find the triplicate ratio of \(2 : 3\):
   (1) \(6 : 9\)  (2) \(3 : 2\)  (3) \(8 : 27\)  (4) \(5 : 8\)

49. Find the mean proportional of 16 and 4:
   (1) 64  (2) 16  (3) 8  (4) 14

50. If \(a : b = 2 : 3\) and \(b : c = 5 : 7\), then find \(a : b : c\):
   (1) \(10 : 15 : 21\)  (2) \(10 : 21 : 15\)  (3) \(9 : 12 : 14\)  (4) \(12 : 7 : 18\)
51. \( x \) varies directly as the square of \( y \). When \( y = 8 \), \( x = 192 \), find \( x \) for \( y = 10 \) 
   (1) 100   (2) 30   (3) 300   (4) 200

52. \( A \) varies directly with \( B \) when \( C \) is constant and inversely with \( C \) when \( B \) is constant. \( A \) is 16, when \( B \) is 28 and \( C \) is 7. Find the value of \( A \), when \( B \) is 9 and \( C \) is 6 
   (1) 6   (2) 7   (3) 8   (4) 9

53. What percent of 125 is 16? 
   (1) \( 10\frac{2}{5} \)%   (2) \( 12\frac{1}{2} \)%   (3) \( 11\frac{1}{3} \)%   (4) \( 11\frac{2}{3} \)%

54. If 30% of a number exceeds 20% of it by 18, then find the number: 
   (1) 120   (2) 200   (3) 180   (4) 150

55. The payment per hour of a part-time employee is increased by 30% and his working time is reduced by 30%. Find the percentage change in his income: 
   (1) No change   (2) 9% increase   (3) 9% decrease   (4) 45% decrease

56. The price of sugar becomes Rs. 7.25 per kg after an increase by 45%. Find the original price of sugar (in Rs./kg): 
   (1) 5   (2) 10   (3) 6   (4) 8

57. In the year 2005, it was found that 480 million tonnes of rice was produced. Due to drought, the production of rice decreased by 20% in the year 2006 (over the previous years). Find the production of rice in 2006 (in million tonnes): 
   (1) 384   (2) 396   (3) 398   (4) 402

58. The expenditure of a man is 80% of his income. Due to high rate market value his expenditure exceeds \( 37\frac{1}{2} \)% and his income increases by \( 16\frac{2}{3} \)% . Find the present saving of that man: 
   (1) \( 5\frac{3}{7} \)%   (2) \( 5\frac{5}{7} \)%   (3) \( 6\frac{2}{3} \)%   (4) \( 6\frac{1}{3} \)%

59. Kiran's income before he got an increment was 40% of his family's total income. His increment is \( \frac{1}{4} \)th of his income. If there is no change in the incomes of other members of the family, what percentage of his family's total income is his salary? 
   (1) 25%   (2) \( 11\frac{1}{9} \)%   (3) \( 45\frac{5}{11} \)%   (4) \( 41\frac{5}{11} \)%
60. If the price of an article went up by 20% by what percent should it be brought down to bring it back to the original price?
   (1) \(16\frac{2}{3}\%\)  (2) 20%  (3) 22\(\frac{1}{2}\)%  (4) 15%

61. The cost price of a TV set is 60% of its selling price. Find the profit percentage:
   (1) \(16\frac{2}{3}\%\)  (2) 33\(\frac{1}{3}\)%  (3) 50%  (4) 66\(\frac{2}{3}\)%

62. Which of the following is the best investment?
   (1) 10% stock at 120  (2) 12% stock at 140
   (3) 13% stock at 150  (4) 14% stock at 160

63. A sum of money invested at simple interest amounts to Rs. 2,480 at the end of four years and Rs. 4,080 at the end of eight years. Find the principal.
   (1) Rs. 2,040  (2) Rs. 1,480  (3) Rs. 1,240  (4) Rs. 880

64. Raju took a loan at 8% per annum simple interest for a period of 5 years. At the end of 5 years, he paid Rs. 10,640 to clear his loan. How much loan did he take?
   (1) Rs. 8,500  (2) Rs. 8,000  (3) Rs. 7,700  (4) Rs. 7,600

65. A sum of money invested on compound interest becomes Rs. 6,690 in three years and Rs. 10,035 in six years compounded annually then the sum of money is:
   (1) Rs. 4,400  (2) Rs. 4,260  (3) Rs. 4,460  (4) Rs. 4,860

66. The simple interest is \(\frac{1}{4}\) of the principal and rate percent is equal to the total years, then rate percent is:
   (1) 4  (2) 5  (3) 6  (4) 3

67. A person invested a sum of Rs. 750 in a bank at a certain rate of simple interest. After 5 years, he received Rs. 1,200. Find the rate of interest offered by the bank?
   (1) 10% p.a.  (2) 11% p.a.  (3) 20% p.a.  (4) 12% p.a.

68. A person borrowed Rs. 1,000 at the rate of 10% per annum simple interest. What is the amount he has to pay after 5 years to clear the debt?
   (1) Rs. 1,564  (2) Rs. 1,532  (3) Rs. 1,500  (4) Rs. 1,550
69. A car left A for B at an average speed of 60 kmph and reached B one hour late. If it
had left at an average speed of 80 kmph, it would have reached B one hour early. 
Find the average speed of the car at which it must travel to arrive at B on time:
(1) 70 kmph  (2) 500/7 kmph  (3) 480/7 kmph  (4) 440/7 kmph

70. Murali travelled from city A to city B at a speed of 40 kmph and from city B to
city C at 60 kmph. What is the average speed of Murali from A to C given that
the ratio of distances between A to B and B to C is 2 : 3 ?
(1) 48 kmph  (2) 50 kmph  (3) 52 kmph  (4) 56 kmph

71. A man covered one-fourth of the total distance at 16 kmph and remaining
distance at 24 kmph. What is his average speed for the total distance?
(1) 21\(\frac{2}{3}\) kmph  (2) 21\(\frac{1}{3}\) kmph  (3) 22\(\frac{1}{3}\) kmph  (4) 22\(\frac{2}{3}\) kmph

72. Car A left P for Q at 8.00 am. Car B left Q for P at 9.00 am. If the speeds of A and
B are 60 kmph and 40 kmph respectively and the distance between P and Q is
360 km, at what time will they meet?
(1) 11.00 am  (2) 12 noon  (3) 1:00 pm  (4) 12:30 pm

73. A started running towards South at 7:00 am. B started running towards South at
11:00 am. At what time will they meet if the speeds of A and B are in the ratio of
3 : 7 and they started from the same point?
(1) 1 pm  (2) 2 pm  (3) 12:30 pm  (4) 1:30 pm

74. Car X and Y started from A with speeds in the ratio 4 : 5 at 9:00 am and 10:00 am
respectively. If both the cars travelled in the same direction, find the ratio of the
distances that X and Y would have covered before meeting:
(1) 1 : 1  (2) 2 : 1  (3) 1 : 2  (4) 3 : 2

75. 'A' finishes a work in 9 days. If 'B' has 50% more efficiency than 'A' then in how
many days 'B' can finish the same work?
(1) 3 days  (2) 5 days  (3) 6 days  (4) 9 days
76. 2 men can complete a job in 8 days working 8 hours a day. How many men are required to complete the job in 4 days working 4 hours a day?

(1) 8  (2) 16  (3) 12  (4) 4

77. If X is 40% more efficient than Y, find the ratio of efficiencies of X and Y:

(1) 5 : 3  (2) 3 : 5  (3) 5 : 7  (4) 7 : 5

78. A, B and C completed a work in 6 hours, 4 hours, 12 hours respectively. In how many hours they will complete the same work, working together?

(1) 4  (2) 3  (3) 6  (4) 2

79. Which of the following number should be there in the blank space of given square?

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<th>6</th>
<th>10</th>
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<td>18</td>
<td>14</td>
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<tr>
<td>26</td>
<td>30</td>
<td></td>
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</tbody>
</table>

(1) 30  (2) 32  (3) 34  (4) 38

80. Find the arithmetic mean of the following data:

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<th>Class</th>
<th>Frequency</th>
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<td>30-40</td>
<td>9</td>
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<td>40-50</td>
<td>6</td>
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(1) 26.5  (2) 26  (3) 25.5  (4) 25
Directions: (For Question No. 81 to 90): Read the following passages and answer the questions on them:

Passage I: One of the bad effects of bad news is that over the years the readers tend to be less and less shocked. No wonder that we have taken in our stride the brutal news of a mob invading a snake park and lynching most of its denizens. The ancient Romans believed that snakes died of shock if they saw naked men. Now we have proved the theory to be true in a special sense. It was the most shameful kind of human nakedness – minds stripped of all humanism – that confronted the surprised snakes and caused them a painful death.

81. Over a period of time, the effect of bad news on readers is that they become:

(1) cynical about life
(2) frightened of living
(3) apathetic to happenings around them
(4) aware of the outside world

82. The author describes "lynching" as 'brutal news' because:

(1) brutal denizens were killed
(2) the mob was not stopped by the authorities
(3) the snakes had become a menace to the public
(4) the act of the mob was brutal

83. What does the entire passage reflect?

(1) The helplessness of snakes against a mob of killers
(2) The author’s righteous indignation at the killing of snakes
(3) The similarity between ancient Romans and the modern men
(4) The inhuman attitude of the authorities towards the outrage
Passage II: It is strange that according to his position in life, an extravagant man is admired or despised. A successful businessman does nothing to increase his popularity by being careful with his money. He is expected to display his success to have a smart car, an expensive life, and to be lavish with his hospitality. If he is not so, he is considered mean and his reputation in business may suffer in consequence. The paradox that if he had not been careful with his money in the first place, he would never have achieved his present wealth.

Among the low income group, a different set of values exists. The young clerk who makes his wife a present of a new dress when he hasn't paid his house rent, is condemned as extravagant carelessness with money to the point of meanness is applauded as a virtue. Nothing in his life is considered more worthy than paying his bills. The ideal wife for such a man separates her housekeeping money into joyless little piles – so much for rent, for food for the children's shoes; she is able to face the milkman with equanimity every month, satisfied with her economising ways, and never knows the guilt of buying something she can't really afford.

As for myself, I fall into neither of these categories. If I have money to spare, I can be extravagant, but when, as is usually the case, I am hard up, then I am the meanest than imaginable.

84. Which of the following would be the most suitable title for the passage?
   (1) Extravagance leads to poverty
   (2) Miserly habits of the poor
   (3) Extravagance is always condemnable
   (4) Extravagance in the life of the rich and the poor

85. Which of the following is opposite in meaning to the word 'applauded' in the passage?
   (1) humiliated   (2) decried   (3) cherished   (4) suppressed
86. The word 'paradox' in the last sentence of the first paragraph means:
   (1) statement based on facts
   (2) that which brings out the inner meaning
   (3) that which is contrary to receive opinion
   (4) statement based on the popular opinion

87. As far as money is concerned, we get the impression that the writer:
   (1) is incapable of saving anything
   (2) is never inclined to be extravagant
   (3) would like to be considered extravagant
   (4) doesn't often have any money to save

88. The statement 'she is able to face the milkman with equanimity' implies that:
   (1) She is not upset as she has been paying the milkman his dues regularly
   (2) She loses her nerve at the sight of milkman for non-payment of dues
   (3) She managed to keep cool as she has to pay the milkman only a month's dues
   (4) She remains composed as she knows she can handle the milkman tactfully

89. How does the housewife feel when she saves money?
   (1) is content to be so thrifty
   (2) wishes life were less burdensome
   (3) is still troubled by a sense of guilt
   (4) wishes she could sometimes be extravagant

90. It seems that low paid people should:
   (1) not pay their bills promptly
   (2) not keep their creditors waiting
   (3) borrow money to meet their essential needs
   (4) feel guilty if they overspend
Directions (Q. No. 101 to 105): From the given options, identify the word with correct spelling:

101. (1) convertable (2) convertible (3) convertable (4) convertible
102. (1) February (2) February (3) february (4) Febroery
103. (1) negligible (2) negligeble (3) negligible (4) neglegeble
104. (1) suppresion (2) supression (3) suppression (4) sepression
105. (1) adress (2) address (3) addres (4) address

Directions (Q. No. 106 to 110): From the given options choose the one which can be substituted for the given group of words:

106. More like a woman than a man in manners and habits.
   (1) Effeminate (2) Womanish (3) Delicate (4) Unmanly
107. Study of mankind.
   (1) physiology (2) anthropology (3) philology (4) pathology
108. The act of looking back upon past events.
   (1) retrospection (2) introspection (3) extrospection (4) circumspection
109. One who has a compulsive desire to steal.
   (1) Pilferer (2) Poacher (3) Plagiarist (4) Kleptomaniac
110. Policeman riding on motorcycles as guards to a VIP.
    (1) outriders (2) servants (3) commandos (4) attendants

Directions (Q. No. 111 to 115): Choose the explanation that catches the spirit of the idiom given in each question:

111. To show one's white feather:
    (1) to show arrogance  (2) to become polite
    (3) to show signs of cowardice (4) to show tranquility

112. To rule the roost:
    (1) to domineer  (2) to surrender  (3) to run away  (4) to fight

17) P.T.O.
Directions (Q. No. 91 to 95) : Select the word nearest in the meaning to the given word :

91. Waver :
   (1) resolve     (2) settle     (3) hesitate     (4) determine

92. Sophistry :
   (1) sooty       (2) ill-will    (3) wisdom       (4) false reasoning

93. Sylvan :
   (1) wooded      (2) natural    (3) smooth       (4) valuable

94. Euphoria :
   (1) utter depression (2) great disorder
   (3) pleasant excitement (4) intense indignation

95. Lithography :
   (1) staining technique (2) printing method
   (3) colour transfer   (4) etching procedure

Directions (Q. No. 96 to 100) : Choose the alternative which is opposite in meaning to the given word :

96. Stale :
   (1) rotten       (2) new       (3) sweet       (4) fresh

97. Lethargic :
   (1) immobile     (2) indolent  (3) active       (4) irresponsible

98. Draws :
   (1) extracts     (2) spends    (3) replenishes (4) repels

99. Indiscreet :
   (1) reliable     (2) honest    (3) prudent     (4) stupid

100. Remiss :
     (1) Forgetful (2) merciful  (3) dutiful     (4) helpful

(16)
113. Hobson's choice:
   (1) excellent choice  (2) no choice
   (3) rejection of offer (4) horse race

114. By the skin of one's teeth:
   (1) narrowly  (2) in time
   (3) hurriedly  (4) temporarily

115. A man of straw:
   (1) a worthy fellow  (2) a man of no substance
   (3) a very active person (4) an unreasonable person

Directions (Q. No. 116 to 120): Choose the option that does not belong to the group:

116. (1) The giraffe is a very majestic animal.
         (2) Asia is fast throwing off its third world.
         (3) The Bermuda Triangle is still an unresolved stigma.
         (4) Pacific Ocean is a vast blue expanse.

117. (1) Say grace before you eat.
         (2) Congratulations on your brilliant success.
         (3) Best wishes for the New Year!
         (4) May God Bless the newly weds.

118. (1) Mirage occurs in the desert air.
         (2) Bhatt squints a little.
         (3) Ash has blue eyes.
         (4) She has myopic vision.

119. (1) Commendations are always welcome.
         (2) A good performance deserves an applause.
         (3) Panegyrics were recited for the retiring administrator.
         (4) The CEO fulminated against the staff.

120. (1) Philanthropic acts are too few today.
         (2) Be good to others and enjoy life.
         (3) Sadism is enjoyed by a few people.
         (4) Magnanimity is a great virtue.

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