

# ADMISSIONS 2018-19

**GAT**

Design  
Programme

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**National Institute Fashion Technology**

NAME :

DATED:

1. In a mixture of 75 liters, the ratio of milk to water is 2 : 1. The amount of water to be further added to the mixture so as to make the ratio of the milk to water 1 : 2 will be  
a. 45 liters      b. 60 liters      c. 75 liters      d. 80 liters
2. 13.65 % of 654 - ? % of 860 = 210.1  
a. 25      b. 15      c. 20      d. 30      e. None of these
3.  $(2198 - 1347 - 403) \div (159 - 113 - 27) = ?$   
a. 15      b. 24      c. 37      d. 49      e. 53
4. 15 12 17 10 ? 8 21 6  
a. 3      b. 7      c. 21      d. 19      e. None of these
5. Total weekly emoluments of the workers of a factory is 1534. Average weekly emolument of a worker is 118. The number of workers in the factory is  
a. 16      b. 14      c. 13      d. 12
6. In a sale, jacket is available on discount of 25 % on the selling price. If a jacket costs Rs. 5895 in the sale, what is the selling price of the jacket ?  
a. Rs. 6020      b. Rs. 7860      c. Rs. 7680      d. None of these
7. Pratim earns Rs. 30800 per month. He keeps 50 % for household expenses, 15 % for his personal expenses, 20 % for expenditure on his children and the rest he saves. What amount does he save per month ?  
a. 4620      b. 4520      c. 4895      d. 4800
8. 7. What will be the ratio of simple interest earned by certain amount at the same rate of interest for 5 years and that for 15 years?  
a. 3 : 2      b. 1 : 3      c. 2 : 3      d. 3 : 1

9. A sum of Rs. 2500 amounts to Rs. 3875 in 4 years at the rate of simple interest. What is the rate of interest?
- a. 12.25%      b. 12%      c. 6%      d. 13.75%
10. A man travelled a distance of 61 km in 9 hours. He travelled partly on foot at 4 km/hr and partly on bicycle at 9 km/hr. What is the distance travelled on foot?
- a. 12 Km      b. 14 Km      c. 16 Km      d. 18 Km
11. There is 80% increase in an amount in 8 years at simple interest. What will be the compound interest of Rs. 14,000 after 3 years at the same rate?
- a. Rs. 3794      b. Rs. 3714      c. Rs. 4612      d. Rs. 4634
12. A vendor bought Trims at 6 for a rupee. How many for a rupee must he sell to gain 20%?
- a. 3      b. 4      c. 5      d. 6
13. A man has Rs. 312 in the denominations of one-rupee notes , five-rupee notes and twenty-rupee notes. The number of notes of each denomination is equal. What is the total number of notes that he has ?
- a. 36      b. 24      c. 28      d. 32
14. if  $x = \frac{\sqrt{3}+1}{\sqrt{3}-1}$  and  $y = \frac{\sqrt{3}-1}{\sqrt{3}+1}$ , what is the value of  $(x^2 + y^2)$
- a. 15      b. 14      c. 13      d. 10
15. Two trains, each 100 metre long are moving in opposite directions. They cross each other in 8 seconds. If one is moving twice as fast the other, the speed of the faster train is
- a. 75 km/hr      b. 60 km/hr      c. 35 km/hr      d. 70 km/hr
16. A father said to his son, " I was as old as you are at the present at the time of your birth". If the father's age is 38 years now, what was the son's age five years back ?
- a. 20 years      b. 18 years      c. 14 years      d. 22 years
17. X and Y invest Rs. 21000 and Rs. 17500 respectively in a business. At the end of the year, they make a profit of Rs. 26400. What is the share of X in the profit ?
- a. Rs. 14400      b. Rs. 26400      c. Rs. 12000      d. Rs. 12500
18. A bag contains 2 yellow , 3 green and 2 blues balls. Two balls are drawn at random. What is the probability that none of the balls drawn is blue?

- a.  $\frac{1}{2}$                       b.  $\frac{10}{21}$                       c.  $\frac{9}{11}$                       d.  $\frac{7}{11}$

19. All prime numbers are odd numbers

- a. True                      b. False

20. P is able to do a piece of work in 15 days and Q can do the same work in 20 days. If they can work together for 4 days, what is the fraction of work left?

- a.  $\frac{8}{15}$                       b.  $\frac{7}{15}$                       c.  $\frac{11}{15}$                       d.  $\frac{2}{11}$

**From the four options a, b, c and d choose the word which is nearest in meaning to the given word.**

21. Adumbrate

- a. to give a faint shadow of                      b. to shadow forth  
c. to fire-shadow                      c. to over shadow

22. Candid

- a. frank                      b. excited                      c. overjoyed                      d. enthusiastic

23. Topography

- a. art of painting                      b. physical features of a region  
c. soil chemistry                      d. signaling by light

24. Quay

- a. lake                      b. wharf                      c. bay                      d. mouth of a river

25. Equipoise

- a. equal in value                      b. equilibrium                      c. equidistant                      d. midpoint

**Below are given idioms followed by four alternative meanings, marked a, b, c and d. Tick the one which you think is the most appropriate.**

26. To see pink elephant

- a. to dream                      b. to anticipate luck                      c. to be afraid                      d. to show courage

27. Between Scylla and Charybdis

- a. between two hills                      b. between two rivers  
c. between two enemies                      d. between two dangers

28. To eke out  
a. to subtract      b. to supplement      c. to etch      d. to oust
29. To egg on  
a. to egg on slowly      b. to destroy slowly  
c. to give a walk over      d. to instigate to proceed further
30. To stick to one's colours  
a. to oblige someone      b. to assist someone  
b. to interrupt someone      c. to insult someone

**Fill up the blanks in the following sentences with the most appropriate word :**

31. The \_\_\_\_\_ was enacted with effect from the 15<sup>th</sup> of August.  
a. statute      b. statue
32. A large number of students have joined the National Cadet \_\_\_\_\_ .  
a. Corpse      b. Corps
33. All your problems are \_\_\_\_\_ .  
a. imaginary      b. imaginative
34. A \_\_\_\_\_ of smoke enveloped the whole area.  
a. pall      b. pail
35. There are no secrets between us. She is my \_\_\_\_\_ .  
a. confidante      b. confident

**Below are given some words followed by four answers. Tick the answer which you believe gives the opposite meaning of the word.**

36. Verbose  
a. oral      b. final      c. epigrammatic      d. grammatical
37. Whimsical  
a. freakish      b. staid      c. laughter      d. normal
38. Vainglorious

- a. glorified      b. modest      c. vain      d. empty
39. Juvenile
- a. senile      b. trope      c. delinquent      d. kneel
40. Impair
- a. strengthen      b. injure      c. repair      d. spread
41. Vacillation
- a. withdrawal      b. reasonable      c. determination      d. confusion
42. Lassitude
- a. shallowness      b. weariness      c. peace of mind      d. alertness
43. Jaded
- a. rejected      b. zestful      c. wicked      d. frank
44. Transparent
- a. covered      b. opaque      c. clear      d. black
45. Coagulate
- a. thicken      b. dissipate      c. descend      d. none of the above

**Directions:** Read the following passage and answer the questions based on it.

To avoid the various foolish opinions to which mankind is prone, no superhuman brain is required. A few simple rules will keep you free, not from all errors, but from silly errors. If the matter is one that can be settled by observation, make the observation yourself. Aristotle could have avoided the mistake of thinking that women have fewer teeth than man, by the simple device of asking Mrs Aristotle to keep her mouth open while he counted. Thinking that you know when in fact you do not is a bad mistake, to which we are all prone. I believe myself that hedgehogs eat black beetles, because I have been told that they do; but if I was writing a book on the habits of hedgehogs, I should not commit myself until I had been one enjoying this diet. Aristotle, however, was less cautious. Ancient and medieval writers know all about unicorns and salamanders; not one of them thought it necessary to avoid dogmatic statements about them because he had never seen one of them.

46. The author portrays mankind as
- (1) very intelligent      (2) having superhuman qualities  
 (3) nervous and weak      (4) by and large, lazy and ignorant
47. The author is in favour of drawing conclusions on the basis of
- (1) reasoning      (2) study of eminent thinkers  
 (3) empirical evidence      (4) discussion and consultation
48. According to the author, unicorns and salamanders
- (1) existed in the past but now have become extinct      (2) are invisible

- (3) never really existed                      (4) have caused strange stories to be written about them
49. The author implies that  
 (1) hedgehogs eat black beetles                      (2) hedgehogs do not really eat black beetles  
 (3) he is writing a book about hedge hogs      (4) he has never seen a hedgehog eating beetles
50. The attitude of the author is  
 (1) philosophical                      (2) scientific  
 (3) cultural                      (4) commonsensical

**Directions:** Read the following passage and answer the questions based on it.

True, it is the function of the army to maintain law and order in abnormal times. But in normal times there is another force that compels citizens to obey the laws and to act with due regard to the rights of others. The force also protects the lives and the properties of law abiding men. Laws are made to secure the personal safety of its subjects and to prevent murder and crimes of violence. They are made to secure the property of the citizens against theft and damage to protect the rights of communities and castes to carry out their customs and ceremonies, so long as they do not conflict with the rights of others. Now the good citizen, of his own free will obey these laws and he takes care that everything he does is done.

With due regard to the rights and well-being of others. But the bad citizen is only restrained from breaking these laws by fear of the consequence of his actions. And the necessary steps to compel the bad citizen to act as a good citizen are taken by this force. The supreme control of law and order in a State is in the hands of a Minister who is responsible to the State Assembly and acts through the Inspector General of Police.

51. The expression 'customs and ceremonies' means :  
 a. fairs and festivals                      b. habits and traditions.  
 c. usual practices and religious rites.      d. superstitions and formalities
52. A suitable title for the passage would be :  
 a. the function of the army                      b. laws and the people's rights.  
 c. the fear of the law and citizen's security      d. the function of the police
53. Which of the following is not implied in the passage?  
 a. law protects those who respect it  
 b. law ensures people's religious and social rights absolutely and unconditionally  
 c. a criminal is deterred from committing crimes only for fear the law.  
 d. the force of law help to transform irresponsible citizens into responsible ones.
54. according to the writer, which one of the following is not the responsibility of the police?  
 a. to protect the privileges of all citizens.      B. to check violent activities of citizens  
 c. to ensure peace among citizens by safeguarding individual rights.  
 d. to maintain peace during extraordinary circumstances.
55. which of the following reflects the main thrust of the passage?  
 a. it deals with the importance of the army in maintaining law and order.  
 b. it highlights role of the police as superior to that of the army.  
 c. it discusses the roles of the army and the police in different circumstances.  
 d. It points to the responsibility of the Minister and the Inspector General of Police

**Directions :** Read the following passage and answer the question based on it.

The highbrows reverse the numerical argument and imply that, because they are so few, they must therefore be right but where they chiefly offend is in their excessive self-congratulation and contempt for others. In the past, the highbrows were alone in expressing a

feeling of superiority; the lowbrows humbly accepted the position assigned to them. Recently, however, there has been a change, and the lowbrows now adopt towards the highbrows exactly the same attitude as the highbrows adopted towards them.

56. The reversal of the numerical argument in the context of the passage means that the highbrows
- (1) have no regard for the majority (2) respect the majority  
(3) are indifferent to numbers (4) have regard for the minority
57. A highbrow is
- (1) a liberal minded person (2) a believer in conservative values  
(3) a self-opinionated intellectual (4) a democrat
58. The phrase 'self-congratulation' can best be replaced by
- (1) self-effacement (2) self-admiration (3) self-negation (4) self-criticism
59. The attitude of the lowbrows towards the highbrows in the past was one of
- (1) violent rejection (2) resentful acceptance (3) open rebelliousness (4) unprotesting submission
60. The recent change in the attitude of the lowbrows towards the highbrows suggests that
- (1) the lowbrows have rejected the superiority of the highbrows  
(2) the lowbrows have become highbrows  
(3) the lowbrows have become indifferent to the highbrows  
(4) the highbrows have become meek and humble

**Fill in the blanks choosing the correct words given in the options.**

61. This remarks about the dominance of casteism in elections are quite.....to the present position.
- (1) apposite (2) opposite
62. Yesterday his behaviour with the guests was.....
- (1) antic (2) antique
63. Bihar is a State.....with coal mines.
- (1) teeming (2) teaming
64. The reading of cheap books produce a bad..... on the minds of youth.
- (1) affect (2) effect
65. This rhyme is full of.....
- (1) allusions (2) illusions
66. He was kind enough to.....to my request.
- (1) accede (2) exceed
67. What is the name of the.....of this college?
- (1) principal (2) principle
68. The property of the.....was confiscated by the government.
- (1) deceased (2) diseased
69. India is now free from the.....of British empire.
- (1) yolk (2) yoke
70. At last she left the house of her parents, knowing not.....
- (1) whither (2) wither
71. Name of the Indian athlete who won gold medal in the men's 1500m event in the Asian Games 2018 in Jakarta, Indonesia.
- A. Ayyasamy Dharun B. Arokia Rajiv C. Dharambir Singh D. Jinson Johnson

72. Who is the author of the book 'Standing Guard – A Year in Opposition'?
- a. Manmohan Singh      b. P Chidambaram  
c. KapilSibal              c. Salman Khurshid
73. Who was appointed the new brand ambassador of 'Power', Bata's sport wear brand?
- A. Mithali Raj   B. Smriti Mandhana   C. Harmanpreet Kaur   D. Soni Yadav
74. Who has become the new brand ambassador to promote Goods and Services Tax (GST)?
- A. Aamir Khan   B. Amitabh Bachchan   C. Sachin Tendulkar   D. P T Usha
75. Name the World Bank's Water and Sanitation Specialist who has been appointed by Prime Minister Modi to lead Swachh Bharat Mission
- a. Muruganlyer   b. Ramswamylyer   c. Parameshwaranlyer   d. Gopallyer
76. Name the Australian cricketer who recently broke Don Bradman's record of highest batting average in Test Matches
- a. Jimmy Voges   b. Adam Voges   c. Jimmy Border   d. Adam Border
77. Who is the current Prime Minister of Sri Lanka?
- a. RatnasiriWickremesinghe      b. MahindaRajapaksa  
c. RanilWickremesinghe          d. Chandrika Kumaratunga
78. Who is the current Chairman of the International Cricket Council (ICC)?
- a. N Srinivasan   b. Mustafa Kamal   c. Zaheer Abbas   d. ShashankManohar
79. Who won Men's Single Title at Australian Open 2018 recently?
- a. Rafael Nadal   b. Venus Williams   c. Roger Federer   d. Andy murray
80. Who has been chosen as India's first 'Miss Trans Queen'?
- A. Harshini      B. Sania Sood      C. Namita Ammu      D. Veena Sendre
81. Which of the following is the National tree of India?
- a. Coconut      b. Banyan      c. Neem      d. Sal
82. Who among the following is the designer of Indian Rupee symbol?
- a. Shahrukh J. Irani      b. Udaya Kumar      c. Shibin K.K.      d. Hitesh Padmashali
83. The International Day of Peace is observed every year on
- a. 21 Sep      b. 22 Sep      c. 23 Sep      d. 24 Sep
84. The "Scooty for College Girls Scheme" has been launched by which state government of India?
- a. Jammu and Kashmir      b. Haryana      c. Punjab      d. Himachal Pradesh



85. Who among the following has been roped in as the brand ambassador of the SKILL INDIA campaign by the ministry for skill development and entrepreneurship (MSDE)?
- a. Sachin Tendulkar    b. Virat Kohli    c. Saurav Ganguly    d. MS Dhoni
86. In a certain code language the word BREAKDOWN is written as DQGCFQVP. How will the word MENSTRUAL be written in that code language?
- a. ODPVQWZN    b. ODPUSTWZN    c. OPDUSTWZN    d. OPDUSWTZN
87. Direction : Answer these questions referring to the symbol-letter-number sequence given below  
 N 8 B @ 5 A R ( 3 6 Y L » 3 A F \$ 4 G £ ? T V 9 y a H 7 S J 1 © D
- Four of the following five are similar in respect of their positions in the above sequence and hence form a group. Which one does not belong to the group ?
- a. GVoc    b. YAG    c. @pL    d. \$Ty
88. EJO, TYD, INS, XCH, ?
- a. NRW    b. MRW    c. MSX    d. NSX
89. Circle : Circumference :: Square : ?
- a. Volume    b. Area    c. Diagonal    d. Perimeter
90. A family consists of six members P, Q, R, X, Y and Z. Q is the son of R but R is not mother of Q. P and R are a married couple. Y is the brother of R. X is the daughter of P. Z is the brother of P. Who is the father of Q ?
- a. P    b. R    c. X    d. Z
91. One morning Ram and Shyam were talking to each other sitting opposite to each other. It was observed that Ram's shadow fell to his right. Then, which direction was he facing?
- a. East    b. South    c. North    d. West
92. If '+' means '-', '-' means 'x', 'x' means and 'means' '÷', and '÷' mean '+' then  $15 \times 3 \div 15 + 5 - 2 = ?$
- a. 0    b. 10    c. 20    d. 6
93. A class of boys stands in a single line. One boy is nineteenth in order from both the ends. How many boys are there in the class?
- (a) 27    (b) 37    (c) 38    (d) 39

94. If the letters in the word UNDERTAKING are rearranged in the alphabetical order, which one will be in the middle in order after the rearrangement?

- a. G      b. I      c. K      d. N      e. None of these

95. 1. Table      2. Tree      3. Wood      4. Seed      5. Plant

- a. 1, 2, 3, 4, 5      b. 1, 3, 2, 4, 5      c. 4, 5, 2, 3, 1      d. 4, 5, 3, 2, 1      e. 1, 3, 4, 5, 6

**Directions (96 to 100) : Read the following information to answer the given questions.**

(i) A, B, C, D, E, F and G are playing cards sitting around a circular table

(ii) D is not neighbour of C or E.      (iii) A is neighbour of B and C.

(iv) G, who is second to the left of D, is the neighbour of E and F.

96. 1. Which of the following is correct?

- a. B is between A and D      b. D is between F and G.  
c. E is to the immediate right of G      d. F is to the immediate left of G

97. Which of the following will be D's position after E and D interchange their places?

- a. BD      b. EC      c. AE      d. GF

98. Which of the following will be D's position after E and D interchange their places?

- a. Neighbour to G and C      b. To the immediate right of F  
c. Neighbour of C and A      d. To the immediate left of C

99. Which of the following has the second person sitting between the first and third person?

- a. DAB      b. BCA      c. GFD      d. GCE

100. Which of the following is wrong?

- a. A is to the immediate right of B      b. B is to the immediate left of D  
c. F is between G and D      d. E is between G and C