

General Ability Test Paper (NIFT)-

Questions from all the sections:-

1. If one-third of a number is 16, then half of that number is:

(a)12

(b)20

(c)26

(d)24

Ans.  $(1/3)*x=16$

$X=3*16=48$

Now,  $1/2$  of  $48=24$

2. A polygon has 90 diagonals. The number of sides of the polygon are

(a)120

(b)100

(c)15

(d)10

Ans. We have  $n(n-3)/2=90$

Gives  $n=15$  so ans is (c)

3. 15 men and 18 women work together to finish a job in 6 days. One man alone finishes the work in 150 days. One woman alone can finish the job in

(a)200

(b)120

(c)270

(d)300

Ans. 1 man 1 day = x,

1 woman 1 day = y

So,  $15x + 18y = 1/6$

Putting  $x = 1/150$  in the above equation we have

$Y = 270$  days, ans is (c)

4. There are 10 points in a plane out of which four points are collinear. The no. of lines obtained from these points are:

(a) 20

(b) 30

(c) 40

(d) 50

Ans. Applying the formula  $\frac{10 \times 9}{2} - 4 \times 3 + 1$

We have no. of lines = 40

Hence answer is (c).

5. Two pipes X and Y can fill a cistern in 12 minutes and 15 minutes respectively and a pipe z can empty the full cistern in 20 minutes. All three were kept open for 2 minutes. Then the pipe z was closed. How many more minutes did it take the cistern to be filled.

Ans. Work done in 2 minutes =  $(1/12 + 1/15 - 1/20) \times 2 = 1/5$

Work done by X and Y together =  $1/12 + 1/15 = 9/60$

$9/60$  ----- 1 minute

$4/5$  -----  $60/9 \times 4/5 = 16/3$

$3/16$ ....

6. A began a business with Rs. 4500 and was joined afterwards by B with Rs.3000. For how much period does B join if the profit at the end of the year was divided in 2:1 ratio?

Ans.  $4500 \times 12 : 3000 \times x = 2 : 1$

X=9 months

7. The sum of 1st and 3rd term of G.P is 15 and 5th and 7th term is 240. Find the 9th term.

Ans. Given

$$a + ar^2 = 15$$

$$ar^4 + ar^6 = 240$$

$$ar^4/a = 240/15$$

$$r = 2$$

Solving the equation we have,  $a = 3$

$$\text{So 9th term} = 3 + 8 \times 2 = 19$$

8. Find the sum of n terms of the series  $11 + 102 + 1003 + 10004$

Ans. On extracting the common terms we have

$$10/9(10^n - 1) + n(n+1)/2$$

9. The remainder when  $2^{39}$  is divided by 39 is

(a) 6

(b) 7

(c) 8

(d) 9

Ans.  $(2^6)6 \cdot 2^3/39 = 8$

So answer is (c)

10. The sum of all 4 digits numbers divisible by 7.

(a)700000

(b)2000000

(c)107070

(d)7071071

Ans.The first four digit number divisible by 7 is 1001 and the last term is 9996.

Applying the A.P series formula,

$$9996=1001+(n-1)7$$

Solving for n,we get n=7071071

11. In the  $pq=p-q+9$ ;q is the fraction p is any positive integer.The value of p which is inadmissible

(a)6

(b)8

(c)7

(d)4

Ans. On exploring the options we see that only admissible value of p is 7 as only 7 satisfies all the given conditions.

12. The digits of 3 digit number are in G.P ,when the digits of this number are reversed and its resultant number is subtracted from the original number.. ,its comes out to be 792.

Ans.

$$(100a+10ar+ar^2)-(100ar+10ar+a)=792$$

On solving we get,a=1,r=3

Therefore, the digits are 1, 3 and 9

Hence the number is 931.

13. How many even integers  $n$ ;  $13 < n < 313$  are of the form of  $3k+4$  where  $k$  is a natural number

Ans.  $k=4, 6, 8, 10, \dots, 102$

Thus, the number of required values  $= (102 - 4/2) + 1 = 50$

14. If  $a$  and  $b$  are two odd distinct prime numbers and if  $a$  and  $b$  are two odd distinct prime numbers and if  $a > b$  then  $a^2 - b^2$  can never be divided by

(a) 13

(b) 14

(c) 11

(d) none of these.

Ans. (b)

5. If  $P = (101)^{100}$  and  $Q = (100)^{101}$ , then the correct relation is,

(a)  $P > Q$

(b)  $P$

(c)  $P = Q$

(d)  $P = 11/10Q$

Ans. (b)

Directions (Q NO. 16-20): In these questions, choose the alternative which has the same meaning to the keyword.

16. Chimerical

(a)Developing

(b)Brief

(c)distant

(d)fantastic

Ans.(d)

17. Abut

(a)stimulate

(b)group

(c)oppose

(d)adjoin

Ans.(d)

18. Banal

(a)Philosophical

(b)Trite

(c)Dramatic

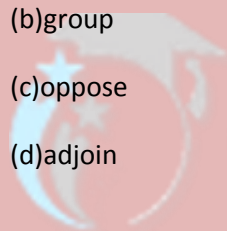
(d)needless

Ans.(b)

19. Avert

(a)entertain

(b)Transform



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(c)accede

(d)turn

Ans.(d)

20. Accede

(a)fail

(b)compromise

(c)correct

(d)consent

Ans.(d)

Direction(Q no.21-25):In these questions choose the alternative which is opposite in meaning to the keyword.

21. Celibate

(a)investing

(b)married

(c)retired

(d)commodious

Ans.(a)

22. Cosy

(a)weak

(b)airy

(c)brazen

(d)old

Ans.(a)

23. Craven

(a)desirous

(b)direct

(c)bold

(d)civilized

Ans.(a)

24. Debonair

(a)awkward

(b)windy

(c)strong

(d)balmy

Ans.(a)

25. Dearth

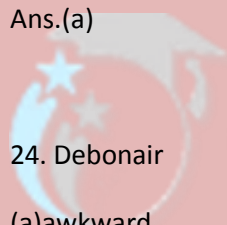
(a)life

(b) abundance

(c)brightness

(d)terror

Ans.(b)



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Directions(Q no.26-30):Choose the exact meaning of the idioms/phrases from the given alternatives:

26. Miss the boat

(a)arrived late

(b)opportunity lost

(c)scared of water

(d)Don't know swimming

Ans.(b)

27. On the ball

(a)good in the game

(b)love ball

(c)understand the situation

(d)hate ball

Ans.(c)

28. Cut corners

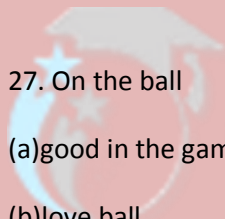
(a)making shape

(b)save money

(c)fear of corners

(d)corner loving

Ans.(b)



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29. The last straw

- (a) last chance
- (b) series of problem
- (c) counting the end
- (d) air movement

Ans.(b)

30. Speak the devil

- (a) story telling
- (b) scared
- (c) person concerned arrives
- (d) superstitious

Ans.(c)

Direction(Q no.31-35): Fill in the blank space of the sentence so that it becomes meaningful and correct.

36. Anti globalization protesters may take----- at this, but the Indian market links with the global forces are stronger than ever.

- (a) umbrage
- (b) touchy
- (c) nexus
- (d) languishing

Ans.(a)

37. The rules of the game that the jury followed are above----- and I am prepared to believe them.

- (a)doubts
- (b)pretention
- (c)dubious
- (d)malicious

Ans.(a)

38. The live pictures of airplanes ----- into the World Trade center may just change our world.

- (a)heading
- (b)slamming
- (c)smashed
- (d)Collide

Ans.(b)

39. On January 1,2002,euro notes and win becomes legal ----- in 12 countries of European Monetary Union.

- (a)Tender
- (b)Contract
- (c)bill
- (d)instrument

Ans.(a)

40. An act of justice closes the book on a misdeed;an act of vengeance-----

- (a)Reopens the first chapter
- (b)all the sights you are supposed to see

(c)the very excitement

(d)all the enjoyment of travel.

Ans.(b)

Direction(Q no.41-45):Read the following information to answer the following questions.

The director of the institute has announced that six guests lectures on different areas like Leadership,Decision Making,Quality Circle,Motivation,Assessment Center and Group Discussion are to be organized only on each day from Monday to Sunday.

(i) Motivation should be organised immediately after assessment center.

(ii) Quality Circle should be organized on Wednesday and should not be followed by group discussion.

(iii) Decision Making should be organized on Friday and there should be a gap of two days between Leadership and Group discussions.

(iv) One day there will be no lecture(Saturday is not that day),just before that day group discussion will be organized.

41. Which of the following pairs of lectures are organized on the first and last day?

(a)Quality circle and motivation

(b)Group discussion and quality circle.

(c)Group discussion and decision making.

(d)Leadership and assessment centers.

Ans.(d)

42. How many lectures are organized between Motivation and Quality circle?

- (a)One
- (b)Two
- (c)Three
- (d)Four

Ans.(c)

43. Which day will the lecture on leadership be organized?

- (a)Tuesday
- (b)Wednesday
- (c)Friday
- (d)Thursday

Ans.(d)

44. On which day there is no lecture?

- (a)Sunday
- (b)Monday
- (c)Tuesday
- (d)Wednesday

Ans.(c)

45. Which of the following information is not required to show the lecture arrangement?

- (a)Only (i)
- (b)Only (ii)
- (c)Only (iii)



(d)Only (iv)

Ans.(d)

46. Which among the following is not a natural fabric?

(a)Silk

(b)Cotton

(c)Polyster

(d)None

Ans.(c)

47. In which year was the Lakme fashion week first started?

(a)2006

(b)2008

(c)2000

(d)1998

Ans.(a)

48. The film 'Fashion' was directed by

(a)Anurag Basu

(b)Rohit Shetty

(c)Madhur Bhandarkar

(d)R.Balki

Ans.(c)



49. The trousseau and costume walahs cottage industry in India has a value approximately

- (a)120 crores
- (b)100 crores
- (c)80 crores
- (d)37 crores

Ans.(a)

50. Which among the following is not an Indian Fashion designer?

- (a)Ritu Kumar
- (b)Rohit Bal
- (c)Bibi Russel
- (d)Raghavendra Rathore

Ans.(c)

**51.Abrogate**

- (a)transgresses
- (b)signify
- (c)allevate
- (d)ratify

Ans.(d)

**52.Amoral**

- (a)unusual
- (b)unfriendly
- (c)ethical
- (d)sauve

Ans.(c)

**53.Belittle**

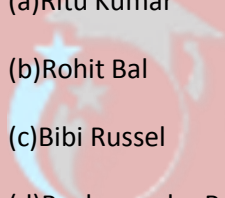
- (a)glorious
- (b)forget
- (c)magnify
- (d)extol

Ans.(b)

**54.Bleak**

- (a)pale
- (b)sudden
- (c)dry
- (d)cheerful

Ans.(a)



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**55.Carmel**

- (a)Impressive                      (b)minute                      (c)spiritual                      (d)actual

**Ans.(c)**

**Directions(Q no.26-30):Choose the exact meaning of the idioms/phrases from the given alternatives:**

**56.Worth one's salt**

- (a)frivolous  
(b)good at one's own job  
(c)having severe implications  
(d)detrimental

**Ans.(b)**

**57.See eye to eye**

- (a)to agree on something  
(b)do two things at the same time.  
(c)something very expensive  
(d)to hear a rumour

**Ans.(a)**

**58.A hot potato**

- (a)happens very rarely  
(b)a hot topic  
(c)understanding the situation  
(d)series of problem

**Ans.(b)**

**59.Once in a blue moon**

- (a)happens very rarely  
(b)celestial event  
(c)beautiful scene  
(d)about to rain

**Ans.(a)**

**60.Caught between two stools**

- (a)having two options  
(b)difficult to chose  
(c)missed the option  
(d)plenty of options

**Ans.(a)**





**Direction(Q no.31-35):Fill in the blank space of the sentence so that it becomes meaningful and correct.**

**61.----- ,the more they remain the same.**

- (a)the less the dynamism
- (b)the more things change
- (c)the more pronounced transformation
- (d)the more the merrier

**Ans.(b)**

**62.The highest reward for a man's toil is not what he gets for it but what-----**

- (a)he makes out of it
- (b)he gets for others
- (c)he has overcome through it.
- (d)he becomes by it

**Ans.(d)**

**63.Home is ----- one has yet to improve**

- (a) a discovery over which
- (b)a certain over which
- (c)an invention
- (d)an institution upon which

**Ans.(d)**

**64.For some of our ruling politicians,social justice has apparently come to mean that-----**

- (a)they have a right to plunder the public money
- (b)they have all right to plunder
- (c)they have the right to plunder
- (d)it is their right to plunder public money.

**Ans.(a)**

**65.The trail is the thing,not the end of the trail.Travel fast and you miss**

- (a)all you were travelling for
- (b)all the sights you are supposed to see.
- (c)the very excitement of your travel.
- (d)all the enjoyment of travel

**Ans.(a)**

**Direction(Q no.66-):(i)In a family of six persons-P,Q,R,S,T and U-there are three gents and three ladies.There are two married couples and two persons unmarried.Each of them read different newspaper,viz.The Times of India,Indian Express,Hindustan Times,Business Herald,Navbharat Times and The Tribune.**

(ii) T, who reads Indian Express is mother-in-law of P who is wife of R. S is father of U and he does not read The Times of India or The Tribune. Q reads Navbharat Times and she is the sister of U who reads Hindustan Times. R does read The Tribune.

66. How many sons does T have?

- (a) One                      (b) Two                      (c) Three                      (d) Four

Ans. (b)

67. Who among the following reads the times of India?

- (a) P                      (b) Q                      (c) R                      (d) T

Ans. (b)

68. Which among the following newspaper is read by P?

- (a) Business Herald                      (b) The Tribune                      (c) Indian Express                      (d) Navbharat Times

Ans. (b)

69. How is U related to T?

- (a) Son                      (b) Daughter                      (c) Brother                      (d) Mother

Ans. (a)

70. Which one of the following is one of the married couples?

- (a) QU                      (b) TU                      (c) SQ                      (d) ST

Ans. (d)

Directions (Q no. 71 to): (i) In a family of six persons, there are people from three generations. Each person has a separate profession and also they like different color. There are two couples in the family.

(ii) Roshan is a doctor and his wife neither is a doctor nor likes green color.

(iii) Engineer likes red color and his wife is a teacher.

(iv) Mohini is mother-in-law of Sunita who likes orange color.

(v) Vinod is grandfather of Tanmay and Tanmay who is a principal likes black color.

(vi) Nanu is granddaughter of Mohini and she likes blue color. Nanu's mother likes white color.

71. Who is an Engineer?

- (a) Nanu                      (b) Vinod                      (c) Mohini                      (d) Sunita

Ans. (b)

72. What is the profession of Sunita?

- (a) Engineer                      (b) Doctor                      (c) Lawyer                      (d) None of these

Ans.(d)

**73.Which of the following is the correct pair of two couples**

- (a) Mohini - Vinod and Roshan - Sunita
- (b) Vinod - Mohini and Roshan - Nanu
- (c) Roshan - Sunita and Tanmay- Nanu
- (d) None of these.

Ans.(b)

**74.How many ladies are there in the family?**

- (a) Two
- (b) Three
- (c) Four
- (d) None of these

Ans.(b)

**75.Which color is liked by CA?**

- (a) Green
- (b) White
- (c) Green
- (d) Black

Ans.(a)

**76.'Balance' is the brand name of the designer**

- (a) Rohit Bal
- (b) Ritu Kumar
- (c) Manish Malhotra
- (d) J.J.Valya

Ans.(b)

**77.National Gallery Of Modern Art is situated at**

- (a) Kolkata
- (b) Chennai
- (c) Delhi
- (d) Mumbai

Ans.(d)

**78.Which of the following is not a system of color notation?**

- (a) Ostwald
- (b) Rocky
- (c) Prang
- (d) Munsell

Ans.(d)

**79.Which of the following is not a fashion designer?**

- (a) Tarun Tahilaini
- (b) Rahul Khanna
- (c) Shiv Kumar Sharma
- (d) Ritu Kumar

Ans.(c)

**80.The patterns in the masculine study should have:**

- (a) heavier scale
- (b) bolder colours
- (c) sturdy textures
- (d) be dainty

Ans.(a)

Q81) In covering a distance of 30 km, Raj takes 2 hours more than Vikram. If Raj doubles his speed, then he would take 1 hour less than Vikram. Raj's speed is:

- a) 5 kmph
- b) 6 kmph
- c) 6.25 kmph
- d) 7.5 kmph

Q82) Walking at 40% more than my usual speed, I reach my office six minutes early. Find my usual time to reach my office.

- a) 21 minutes
- b) 20 minutes
- c) 15 minutes
- d) 18 minutes

Q83) A person can row 12 km downstream in 12 minutes and return in another 18 minutes. What is the speed of the stream?

- a) 5 km/hr
- b) 10 km/hr
- c) 8 km/hr
- d) 12 km/hr

Q84) In a 1000 m race, A beats B by 100 m and C by 200 m. If A takes 50 seconds to finish the race, what is the ratio of the times taken by A, B and C to finish the race?

- a) 36:40:45
- b) 8:9:10
- c) 10:9:8
- d) 30:40:50

Q85) In how many minutes can a cistern be filled by three pipes, whose diameters are 20 cm, 30 cm and 60 cm working together, if the largest alone can fill it in 49 minutes? (Rate of flow of water is directly proportional to area of cross-section of pipe)

- a) 49
- b) 36
- c) 42
- d) 20

Q86) Pipe A can fill an empty tank in 8 hours and Pipe B can do the same in 12 hours. If the tank is empty and pipes A and B are opened for an hour alternately with pipe B being opened first, when will the tank be full?

- a)9 hours
- b)9 ½ hours
- c)8 hours
- d)None of these

Q87) A work has to be completed by 12 persons in 15 days. If three persons are absent from first day itself, then by what percentage should the remaining people increase their rate of working in order to complete the work in time?

- a)40%
- b)33.3%
- c)50%
- d)None of these

Q88)3 men and 6 boys can complete a work in 6 days. 4 men and 5 boys can complete the same work in 5 days. The work done by 11 boys is equal to the work done by how many men?

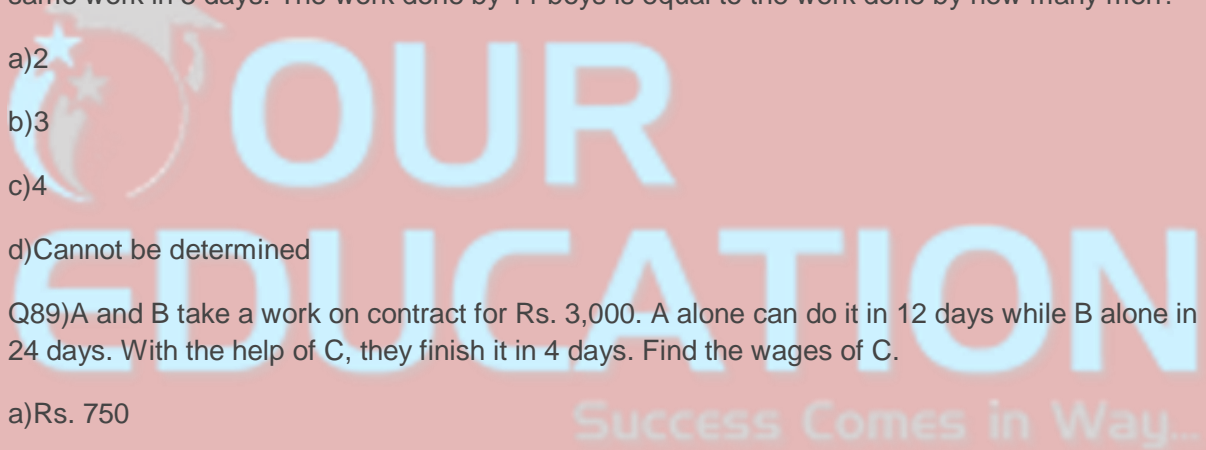
- a)2
- b)3
- c)4
- d)Cannot be determined

Q89)A and B take a work on contract for Rs. 3,000. A alone can do it in 12 days while B alone in 24 days. With the help of C, they finish it in 4 days. Find the wages of C.

- a)Rs. 750
- b)Rs. 1,500
- c)Rs. 1,000
- d)Rs. 1,200

Q90)How many new words can be formed with the word PATNA  
[Facebook.com/ExcelsiorEducation](https://www.facebook.com/ExcelsiorEducation)

- a)5!/2!
- b)5!
- c)(5!/2!)-1
- d)2!





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