



THE FIRST STEP TOWARDS  
YOUR DEFENCE DREAM

# SRNTH

## MODEL TEST PAPER-002 FOR CLASS 11<sup>TH</sup>

Duration :- 2.00 Hours

Max Marks: - 400

- ❖ This test contains 100 questions. Each question comprises four responses (answers). You will select the response which you want to mark on the Answer Sheet. In case, you feel that there is more than one correct response, mark the response which you consider the best. In any case, choose **ONLY ONE** response for each item.
- ❖ All questions carry equal marks.
- ❖ In this exam each question carries 4 marks for the right answer, no negative marking.
- ❖ If a question is left blank i.e., no answer is given by the candidate, there will be no penalty for that question.

Student Name.....

Date .....

## ENGLISH

### Fill in the blanks with the correct option

1. \_\_\_\_\_ you please bring me some water?  
(a) Should (b) Could  
(c) Are (d) Have

### Identify the part of speech

2. Faithful  
(a) Noun (b) Adjective  
(c) Verb (d) Adverb
3. And  
(a) Interjection (b) Adjective  
(c) Conjunction (d) Adverb

### Give the appropriate meaning of the given word or phrases

4. Provoking  
(a) Exciting (b) Inciting  
(c) Tempting (d) Preventing
5. Passionate  
(a) Splendid (b) Habitual  
(c) Enthusiastic (d) Courageous
6. Smell a rat  
(a) Suspect (b) Inspect  
(c) Supervise (d) Smell
7. Burn one's fingers  
(a) To cook (b) To hesitate  
(c) To make haste (d) To create a problem
8. One who loves mankind  
(a) Lover (b) Misanthropist  
(c) Philanthropist (d) Anthropologist
9. Something that cannot be avoid  
(a) Inevitable (b) Evitable  
(c) Revisable (d) Avoidable

### Choose the opposite of 'Lazy'

10. (a) Intelligent (b) Diligent  
(c) Loathsome (d) Handsome

**Directions:** You have brief passages with 5 questions following each passage. Read the passages carefully and choose the best answer to each question out of the four alternatives and mark it by blackening the appropriate oval in the Answer Sheet.

Someone is knocking on Amanda's door. Amanda is home, but she lives. His name is Mr. Campbell. Amanda calls him the Rent Man. He has come by to get the rent money Amanda owes. Amanda does not have the money to pay him. Amanda lost her Job at the auto factory three and a half weeks ago. "I worked there for 15 years" Amanda thinks the herself. She is bitter. "But it took them just one day to take my job away". Amanda has no idea when she will find another job.

Lots of other people from her factory lost their jobs three weeks ago; too she looks for work every day. She looks for work at a restaurant. "You have never worked at a restaurant" the owner tells her. "This job is not for you." She looks for work at bookstore, "We don't have any jobs right now" the clerk tells Amanda. She looks for work at the grocery store. "I will call you to let you know" the manager says. Amanda is worried. She is running out of money quickly. There is another loud knock at the door. Amanda sits quietly in her kitchen. She hopes the Rent Man will go away soon.

11. Why does not Amanda have money to pay her rent?  
(a) She went shopping and spent her money  
(b) She lent her money to her friend  
(c) She lost her job  
(d) Her parents did not give her money
12. Why does Amanda not get the job at the bookstore?  
(a) There are no vacancies  
(b) She is over qualified for the job  
(c) She is too old for the job  
(d) She has never worked in a bookstore before.
13. Why does Amanda hope the Rent Man will go away?  
(a) Because he is her boss  
(b) Because he is her teacher  
(c) Because he is her father  
(d) Because he is the owner of the house she lives in
14. Why is Amanda worried?  
(a) She has buy books  
(b) She has no money  
(c) She has to pay her fees  
(d) She has to buy provision

### Find the grammatical error if any

15. (a) You will feel/(b) more better/ (c) at my home./ (d) No error
16. (a) I am working/(b) since morning/ (c) for my project./ (d) No error
17. (a) Many of them/ (b) is praying / (c) for the injured./ (d) No error

### Fill in the blanks

18. This is \_\_\_ best way to do this work.  
(a) A (b) An  
(c) The (d) None of these
19. He \_\_\_\_\_ to be present in the family function.  
(a) Agree (b) Agrees  
(c) Agreeing (d) None of these

20. He is very fond \_\_\_\_ singing old songs.  
 (a) For (b) At  
 (c) Of (d) In
21. He looks as black as \_\_\_\_.  
 (a) Crow (b) Bat  
 (c) Coal (d) Hair

**Identify the part of speech**

22. Large  
 (a) Adverb (b) Noun  
 (c) Adjective (d) Verb

**Choose the correctly spelt word**

23. (a) Fortunate (b) Fortnuate  
 (c) Fortunete (d) Fortuniante
24. Choose the synonym of 'Splendid'  
 (a) Large (b) Magnificent  
 (c) Proficient (d) Fast
25. Choose the antonym of 'Courageous'  
 (a) Fearless (b) Audacious  
 (c) Timid (d) Valorous

**MATHS**

26. The least positive integer n which will reduce  $\left(\frac{i-1}{i+1}\right)^n$  to a real number is  
 (a) 2 (b) 3  
 (c) 4 (d) 5

27. The complex number  $\frac{1+2i}{1-i}$  lies in which quadrant of the complex plane  
 (a) First (b) Second  
 (c) Third (d) None of these

28. The number of solutions of the system of equations  $\operatorname{Re}(z^2) = 0, |z| = 2$  is  
 (a) 4 (b) 3  
 (c) 2 (d) 1

29. If the sum of n terms of an A.P.  $2n^2 + 5n$ , then the  $n^{\text{th}}$  term will be  
 (a)  $2n^2 + 5n$  (b)  $4n^2 + 5n$   
 (c)  $2n^2 + 5n$  (d)  $4n^2 + 5n$

- (a)  $4n+3$  (b)  $4n+5$   
 (c)  $4n+6$  (d)  $4n+7$
30.  $0.423 =$   
 (a)  $\frac{419}{990}$  (b)  $\frac{419}{999}$   
 (c)  $\frac{417}{990}$  (d)  $\frac{417}{999}$

31. The value of  ${}_a \log_b x$  where  
 $a \log_b x$  dk eku gksxk t gk;  
 $a = 0.2, b = \sqrt{5}, x = \frac{1}{4} + \frac{1}{8} + \frac{1}{16} + \dots$  to  $\infty$  is  
 (a) 1 (b) 2  
 (c)  $\frac{1}{2}$  (d) 4

32. The value of  $4^{1/3} 4^{1/9} 4^{1/27} \dots \infty$  is  
 dk eku  $4^{1/3} 4^{1/9} 4^{1/27} \dots \infty$  gksxkA  
 (a) 2 (b) 3  
 (c) 4 (d) 9

33. The value of  $1^2 + 3^2 + 5^2 + \dots + 25^2$  is  
 dk eku  $1^2 + 3^2 + 5^2 + \dots + 25^2$  gksxkA  
 (a) 2925 (b) 1469  
 (c) 1728 (d) 1456

34. If a, b, c are three distinct positive real number which are in H.P. then  $\frac{3a+2b}{2a-b} + \frac{3c+2b}{2c-b}$  is  
 ;fn a, b, c rhu fHkUu & fHkUuK okLrfod la[;k; s gjkREkd Js.kkh esa gS rks  $\frac{3a+2b}{2a-b} + \frac{3c+2b}{2c-b}$  gksxkA

- (a) Greater than or equal to 10 (10 vFkok 10 ls vf/kd)  
 (b) Less than or equal to 10 (10 vFkok 10 ls de)  
 (c) Only equal to 10 (10 ds cjkcj)  
 (d) None of these (buesa ls dksbZ ugha)

35. The number of solutions of  $\log_4(x-1) = \log_2(x-3)$   
 $\log_4(x-1) = \log_2(x-3)$  ds fdrus gy gksxsA  
 (a) 3 (b) 1  
 (c) 2 (d) 0

36. How too many roots the equation  $e^{\sin x} - e^{-\sin x} - 4 = 0$  are  
 $e^{\sin x} - e^{-\sin x} - 4 = 0$  ds fdrus gy gksxsA  
 (a) 1 (b) 2  
 (c) Infinite (vUkUr)  
 (d) None (buesa ls dksbZ ugha)

37. How many roots the equation  $x - \frac{2}{x-1} = 1 - \frac{2}{x-1}$  have  
 leh0  $x - \frac{2}{x-1} = 1 - \frac{2}{x-1}$  fdrus gy  
 gksxsaA

- (a) One (b) two  
 (c) Infinite (d) None

38. The value of

$$\frac{e^{\log_{10} \tan 1^\circ} + \log_{10} \tan 2^\circ + \log_{10} \tan 3^\circ + \dots + \log_{10} \tan 89^\circ}{}$$

dk eku

$$\frac{e^{\log_{10} \tan 1^\circ} + \log_{10} \tan 2^\circ + \log_{10} \tan 3^\circ + \dots + \log_{10} \tan 89^\circ}{}$$

- (a) 0 (b) e  
 (c) 1/e (d) None (buesa ls dksbZ ugha)

39. The value of  $\sin \frac{\pi}{10} \sin \frac{13\pi}{10}$  is

$$\sin \frac{\pi}{10} \sin \frac{13\pi}{10}$$

- (a)  $\frac{1}{2}$  (b)  $-\frac{1}{2}$   
 (c)  $-\frac{1}{4}$  (d) 1

40. The value of  $\cos^2 48^\circ - \sin^2 12^\circ$  is

$$\cos^2 48^\circ - \sin^2 12^\circ$$

- (a)  $\frac{\sqrt{5}+1}{8}$  (b)  $\frac{\sqrt{5}-1}{8}$   
 (c)  $\frac{\sqrt{5}+1}{5}$  (d)  $\frac{\sqrt{5}+1}{2\sqrt{2}}$

41. The value of  $\tan 40^\circ + \tan 20^\circ \tan 40^\circ$  is equal to

- (a)  $\sqrt{12}$  (b)  $1\sqrt{3}$   
 (c)  $\sqrt{3}$  (d)  $\sqrt{3}/2$

42. If  $\tan(A+B) = p$  and  $\tan(A-B) = q$ , then the value of  $\tan 2A$  in terms of p and q is

$$\tan 2A$$

- (a)  $\frac{p+q}{p-q}$  (b)  $\frac{p-q}{p+q}$   
 (c)  $\frac{p+q}{1-pq}$  (d)  $\frac{1+pq}{1-p}$

43. The point P(a,b) lies on the straight line  $3x + 2y = 13$  and the point Q(b,a) lies on the straight line  $4x - y = 5$ , then the equation of line PQ is

$$3x + 2y = 13$$

$$4x - y = 5$$

- (a)  $x - y = 5$  (b)  $x + y = 5$   
 (c)  $x + y = -5$  (d)  $x - y = -5$

44. The equation of the straight line joining the origin to the point of intersection of  $y - x + 7 = 0$  and  $y + 2x - 2 = 0$  is

$$y - x + 7 = 0$$

$$y + 2x - 2 = 0$$

- (a)  $3x + 4y = 0$  (b)  $3x - 4y = 0$   
 (c)  $4x - 3y = 0$  (d)  $4x + 3y = 0$

45. The line through the points (a,b), and (-a,-b) passes through the point

$$(a, b)$$

$$(-a, -b)$$

- (a) (1,1) (b) (3a,-2b)  
 (c)  $(a^2, ab)$  (d) (-1,-1)

46. In what ratio the line  $y - x + 2 = 0$  divides the line joining the points (3,-1) and (8,9):

$$(3, -1)$$

$$(8, 9)$$

- (a) 1:2 (b) 2:1  
 (c) 2:3 (d) 3:4

47. Two lines represented by equations  $x + y = 1$  and  $x + ky = 0$  are mutually orthogonal if K is

$$x + y = 1$$

$$x + ky = 0$$

- (a) 1 (b) -1  
 (c) 0 (d) None of these (buesa ls dksbZ ugh)

48. If the straight line  $5x + y = k$  form a triangle with the coordinate axes of area 10sq, units, then the values of k are

$$5x + y = k$$

- (a)  $\pm 15$  (b)  $\pm 10$   
 (c)  $\pm 5$  (d)  $\pm 20$

49. If one end of a diameter of the circle  $x^2 + y^2 - 4x - 6y + 11 = 0$  be (3,4) then the other end is

$$x^2 + y^2 - 4x - 6y + 11 = 0$$

- (a) (3,4) (b) (1,1)  
 (c) (5,5) (d) (7,7)

- (a) (0,0) (b) (1,1)  
(c) (1,2) (d) (2,1)
50. The radius of a circle which touches y-axis at (0,3) and cuts intercept of 8 units with x-axis, is
- (a) 3 (b) 2  
(c) 5 (d) 8

### G.K.

51. The National Song "Vandemataram" was a poem from.

राष्ट्रीय गीत वंदे मातरम किस पुस्तक की एक कविता है

- (a) Chandrlekha (b) Anandmath  
(c) Hind Swaraj (d) Parijathaapaharanam  
(a) चंद्रलेखा (b) आनंदमठ  
(c) हिंद स्वराज (d) पारिजातपहरणम

52. What is the retirement age of chief Justice of India

भारत के मुख्य न्यायाधीश की रिटायरमेंट आयु क्या होती है

(a) 60 (b) 62  
(c) 58 (d) 65

53. Where did the 18 Asian games (2018) held at:

18 वे एशियाई खेलों (2018) का आयोजन कहाँ हुआ

- (a) New Delhi (b) Incheon  
(c) Jakarta (d) Tokyo  
(a) नई दिल्ली (b) इंचॉन  
(c) जकार्ता (d) टोक्यो

54. The HQ of the United Nations Organisation is in:

संयुक्त राष्ट्र संघ का मुख्यालय स्थित है

(a) Washington (b) Newyork  
(c) Chicago (d) London  
(a) वाशिंगटन (b) न्यूयॉर्क  
(c) शिकागो (d) लंदन

55. Brazil is the largest exporter of which of the following?

ब्राजील निम्नलिखित में से किस चीज का सबसे बड़ानिर्यातक है

- (a) Rice (b) Coffee  
(c) Sugar (d) Wheat  
(a) चावल (b) कॉफी  
(c) चीनी (d) गेहूँ

56. Name the river which flows in Lucknow?

लखनऊ में बहने वाली नदी का नाम क्या है

- (a) Narmada (b) Gomti  
(c) Krishna (d) Godawari  
(a) नर्मदा (b) गोमती  
(c) कृष्णा (d) गोदावरी

57. The Nobel Prize was started in:

नोबेल पुरस्कार की शुरुआत कब की गई

- (a) 1901 (b) 1903  
(c) 1918 (d) None of these/ इनमें से कोई नहीं

58. The book 'Malgudi Days' is written by

मालगुडी डेज पुस्तक किसके द्वारा लिखी गई

- (a) Jhumpa Lahiri (b) R.K. Narayan  
(c) Arundhati Roy (d) Mulk Raj  
(a) झुम्पा लाहिड़ी (b) आर.के. नारायण  
(c) अरुंधति रॉय (d) मुल्क राज

59. In which state the Kanger Ghati National Park is located?

निम्नलिखित में से किस राज्य में कांगेरघाटी राष्ट्रीय उद्यान स्थित है

- (a) Chhattisgarh (b) Madhya Pradesh  
(c) Uttar Pradesh (d) Orissa  
(a) छत्तीसगढ़ (b) मध्य प्रदेश  
(c) उत्तर प्रदेश (d) उड़ीसा

60. The Periyar Wild Life sanctuary is located in ..... State?

पेरियार वन्यजीव अभ्यारण किस राज्य में स्थित है

- (a) Andhra Pradesh (b) Tamil Nadu  
(c) Kerala (d) None of these  
(a) आंध्र प्रदेश (b) तमिलनाडु  
(c) केरल (d) इनमें से कोई नहीं

61. 2016 Olympic Games held at?

2016 के ओलंपिक खेलों का आयोजन कहाँ हुआ

- (a) New York (b) London  
(c) Paris (d) Rio-de-jeniro  
(a) न्यूयॉर्क (b) लंदन

- (c) पेरिस (d) रियो-डी-जेनिरो
62. Who finally finished the Chola Dyansty?  
चोल वंश का अंत किसने किया  
(a) Md. Gaznavi (b) Md. Gauri  
(c) Malik Kafur (d) None of these  
(a) मोहम्मद गजनवी (b) मोहम्मद गोरी  
(c) मलिक काफूर (d) इनमें से कोई नहीं
63. No Co-operation Movement was launched by Mahatma Gandhi in which year?  
महात्मा गांधी ने किस वर्ष असहयोग आंदोलन की शुरुआत की  
(a) 1920 (b) 1919  
(c) 1922 (d) None of these/ इनमें से कोई नहीं
64. The Nobel Peace Prize function held annually at:  
शांति के क्षेत्र में नोबेल पुरस्कार का आयोजन करता है  
(a) Oslo (b) New York  
(c) Washington (d) None to these  
(a) ओस्लो (b) न्यूयॉर्क  
(c) वाशिंगटन (d) इनमें से कोई नहीं
65. The Unmanned Aerial Vehicle (UAV) developed by India is called:  
भारत के द्वारा विकसित किया गया अनमैंड एरियल व्हीकल है  
(a) Udaan (b) Nishant  
(c) Maitri (d) None of these  
(a) उदान (b) निशांत  
(c) मैत्री (d) इनमें से कोई नहीं
66. Who among the following built the Ibadatkhana at Fatehpur Sikri?  
निम्नलिखित में से किसने फतेहपुर सीकरी में इबादत खाना बनवाया  
(a) Aurangzeb (b) Shahjahan  
(c) Jahangir (d) Akbar  
(a) औरंगजेब (b) शाहजहाँ  
(c) जहाँगीर (d) अकबर
67. The First General Elections under the India Constitution started in 1950 and completed in which year?  
भारत में सबसे पहले आम चुनाव संविधान के अनुसार 1950 में शुरू हुए और किस वर्ष में इनका समापन हुआ  
(a) 1950 (b) 1951  
(c) 1952 (d) 1949
68. Hargobind Khurana was awarded the Nobel Prize in which field?  
डॉक्टर हरगोविंद खुराना को किस क्षेत्र में नोबेल पुरस्कार प्राप्त हुआ  
(a) Physics (b) Chemistry  
(c) Medical Science (d) Literature  
(a) भौतिकी (b) रसायन विज्ञान  
(c) चिकित्सा विज्ञान (d) साहित्य
69. Commonwealth Games 2018 was held in which country?  
राष्ट्रमंडल खेल 2018 का आयोजन किस देश में हुआ  
(a) Ireland (b) England  
(c) Australia (d) Newzealand  
(a) आयरलैंड (b) इंग्लैंड  
(c) ऑस्ट्रेलिया (d) न्यूजीलैंड
70. Paradeep Port is in which state?  
पारादीप बंदरगाह किस राज्य में है  
(a) Kerala (b) Orissa  
(c) Karnataka (d) Tamil Nadu  
(a) केरल (b) उड़ीसा  
(c) कर्नाटक (d) तमिलनाडु
71. Amnesty International has its headquarters in:  
एमनेस्टी इंटरनेशनल का मुख्यालय कहाँ है  
(a) Pairs (b) New York  
(c) London (d) Singapore  
(a) जोड़े (b) न्यूयॉर्क  
(c) लंदन (d) सिंगापुर
72. Who was the first Indian to be honoured with the Oscar Award?  
ऑस्कर अवार्ड से सम्मानित किया जाने वाला प्रथम भारतीय कौन है  
(a) Mahesh Bhatt (b) Satyajit Ray  
(c) A R Rahman (d) None of these  
(a) महेश भट्ट (b) सत्यजीत राय  
(c) ए आर रहमान (d) इनमें से कोई नहीं
73. Which of the following is called Synthetic fibre?  
निम्नलिखित में से कौन-सा संश्लेषित रेशा है  
(a) Silk (b) Rayon  
(c) Jute (d) Hemp  
(a) रेशम (b) रेयॉन  
(c) जूट (d) गांजा

74. Who is written the book 'Midnight's Children'?

मिडनाइट चिल्ड्रन पुस्तक के लेखक कौन हैं

- (a) Salaman Rushdie (b) Vikram seth  
(c) Anita Nair (d) None of these

(a) सलमान रुश्दी (b) विक्रम सेठ

(c) अनीता नायर (d) इनमें से कोई नहीं

75. Chinna Swamy Cricket Stadium is located in

.....

चिन्नास्वामी स्टेडियम कहाँ स्थित है

- (a) Bangalore (b) Chennai  
(c) Delhi (d) Hyderabad

(a) बैंगलोर

(b) चेन्नई

(c) दिल्ली

(d) हैदराबाद

### REASONING

76. In the following question, select the related letters from the given alternatives.

NPBG : OQCH :: AJOT : ?

fuEufyf[kr iz'u esa fn, x,  
fodYiksa esa ls lacaf/kr  
v{kjksa dks pqfu,A

NPBG : OQCH :: AJOT :

- (a) BKPU (b) BUPK  
(c) BHKP (d) HBKU

77. In the following question, select the related number from the given alternatives.

101 : 10201 :: 107 : ?

fuEufyf[kr iz'u esa fn, x,  
fodYiksa esa ls lacaf/kr  
la[;k dks pqfu,A

101 : 10201 :: 107 : ?

- (a) 10707 (b) 10749  
(c) 11449 (d) 11407

78. In the following question, select the odd word from the given alternatives.

fuEufyf[kr iz'u esa fn, x,  
fodYiksa esa ls fo"ke `kCn  
dks pqfu,A

(a) Lion/flag (b)

Leopard/rsanqvk

(c) Snake/lk;i (d)

Tigar/ck?k

79. In the following question, select the odd letters from the given alternatives.

fuEufyf[kr iz'u esa fn, x,  
fodYiksa esa ls fo"ke la[;k  
dks pqfu,A

(a) 69 (b) 59

(c) 61 (d) 53

80. Arrange the given words in the sequence in which they occur in the dictionary.

1. Ropped  
2. Roster  
3. Roasted  
4. Road  
5. Roller

fuEufyf[kr `kCnksa dks

`kCndks'k esa vkus okys Øe  
ds vuqlkj fy[ksaA

1. Ropped  
2. Roster  
3. Roasted  
4. Road  
5. Roller

(a) 35412

(b) 45312

(c) 34512

(d) 43512

81. If 'P 3 Q' means 'P is daughter of Q', 'P 5 Q' means 'P is father of Q', 'P 7 Q' means 'P is mother of Q' and 'P 9 Q' means 'P is sister of Q', then how is J related to K in J 3 L 9 N 3 O 5 K?

;fn P 3 Q' dk vFkZ 'P,Q dh iq=h  
gS\*] 'P 5 Q'

dk vFkZ 'P,Q dk firk gS\*] 'P 7  
Q' dk vFkZ 'P,

Q dh ekrk

gS\*] rFkk 'P 9 Q' dk vFkZ 'P,Q  
dh cgU gS\*] rks J 3 L 9 N 3 O 5 K

esa] J,K ls fdl izdkj

lacfU/kr gSA

(a) Mother/ekrk (b)

Wife/iRuh

(c) Niece/Hkkath (d)

Daughter/iq=h

82. Rakhi got engaged 10 years ago. Rakhi's present age is 5/3 of her age at the time of engagement. If the present age of Rakhi's mother is twice that of present age of Rakhi, then what was her mother's age (in years) at the time of her engagement?

jk[kh dh lxkbZ 10 o"kZ igys

gqbZ FkhA jk[kh dh orZeku

vk;q mldh lxkbZ ds le; dh

vk;q dh 5@3 gSA ;fn jk[kh

dh ek; dh orZeku vk;q mldh

orZeku vk;q dh nksxquh gSa] rks jk[kh dh lxkbZ ds le; mldh ek; dh vk;q ¼o" kksZa esa½ D;k Fkh\

- (a) 50 (b) 40  
(c) 30 (d) 60

83. In the following question, from the given alternative words, select the word which cannot be formed using the letters of the given word.

Suspensefulness

fn, x, iz'u esa] fuEufyf[kr fodYiksa esa ls og `kCn pqfu, tks fn, x, `kCn ds v{kjksa dk iz;ksx djds ugha cuk;k tk ldrk gSA

Suspensefulness

- (a) Sense (b) Fuels  
(c) Useful (d) Fullness

84. In a certain code language, "BAD" is written as "7" and "SAP" is written as "9". How is "BAN" written in that code language?

,d fof'k"V dksM Hkk"kk esa] "BAD" dks "7" fy[kk tkrk gS rFkk "SAP" dks "9". fy[kk tkrk gSA bl dksM Hkk"kk esa "BAN" dks fdl izdkj fy[kk tk,xkA

- (a) 8 (b) 3  
(c) 4 (d) 6

85. Correct the following equation by interchanging the two signs and two numbers.

$$7 \times 6 + 5 - 4 = 33$$

fuEufyf[kr lehdj.k esa fdUgh nks izrhd fpUgksa o nks la[;kvksa dks ijkLij cnydj lgh dhft,A

$$7 \times 6 + 5 - 4 = 33$$

- (a) -,x and 4,5 / -,x rFkk 4,5  
(b) x,+ and 4,5 / x,+ rFkk 4,5  
(c) +, - and 5,6 / +, - rFkk 5,6  
(d) x, - and 5,6 / x, - rFkk 5,6

86. If  $3 @ 3 * 3 = 3$  and  $48 @ 4 * 3 = 36$ , then  $91 @ 13 * 2 = ?$

$$; \text{fn } 3 @ 3 * 3 = 3 \text{ rFkk } 48 @ 4 * 3 = 36$$

$$\text{gSa, rks } 91 @ 13 * 2 = ?$$

- (a) 4 (b) 8  
(c) 10 (d) 14

87. In the following question, select the number which can be placed at the sign of question mark (?) from the given alternatives.

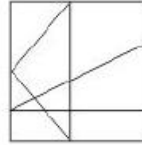
fuEufyf[kr iz'u esa fn, x, fodYiksa esa iz'u fpUg ¼\½ ds LFkku ij vkus okyh la[;k dks pqfu,A

12	13	156
14	?	154
15	13	195

- (a) 11 (b) 16  
(c) 21 (d) 31

88. How many triangles are there in the given figure?

nh xbZ vkd`fr esa fdrus f=Hkqt gSa\



- (a) 11 (b) 9  
(c) 10 (d) 12

89. Select the related word from the given alternatives.

Yellow:Leman::Purple?

fn, x, fodYiksa esa ls lacaf/kr `kCn dks pqfu,A ihyk % uhacw % cSaxuh % \

- (a) Apple/lsc (b) Brinjal/cSaxu  
(c) Mango/vke (d) Onion/I;kt

90. Select the related letters from the given alternatives.

IJK : RQP :: TUV : ?

fn, x, fodYiksa esa ls lacaf/kr v{kjksa dks pqfu,A IJK : RQP :: TUV :

- (a) CDE (b) YZZ  
(c) GFE (d) DCB

91. Select the related number from the given alternatives.

95 : 105 :: 89 : ?

fn, x, fodYiksa esa ls lacaf/kr la[;k dks pqfu,A 95 : 105 :: 89 : ?

- (a) 109 (b) 809  
(c) 111 (d) 98

92. Select the odd word from the given alternatives.



fn, x, fodYiksa esa ls  
fo"ke `kCn dks pqfu,A  
(a) Sister (b) Nephew  
(c) Daughter (d) Aunt

93. Select the odd letters from the given alternatives.

fn, x, fodYiksa esa ls  
fo"ke v{kjksa dks pqfu,A  
(a) MLN (b) FED  
(c) JIH (d) RQP

94. Select the odd number from the given alternatives.

fn, x, fodYiksa esa ls  
fo"ke la[;k dks pqfu,A  
(a) 1600 (b) 2500  
(c) 3600 (d) 4000

95. A series is given, with one term missing.  
Choose the correct alternative from the given ones that will complete the series.  
BCD, EFG, IJK, NOP, TUV ?

,d vuqøe fn;k x;k gS]  
ftlesa ,d ij yIr gSA fn, x,  
fodYiksa esa ls og lgh  
fodYi pqfu, tks vuqøe dks  
iwjk djsaA  
BCD, EFG, IJK, NOP, TUV ?  
(a) YZZ (b) ZZB  
(c) BCD (d) ABC

96. A series is given, with one number missing.  
Choose the correct alternative from the given ones that will complete the series.  
0.05, -0.1, ?, -0.4, 0.8

,d vuqøe fn;k x;k gS]  
ftlesa ,d lqa[;k yqIr gSA  
fn, x, fodYiksa esa ls og  
lgh fodYi pqfu, tks vuqøe  
dks iwjk djsaA  
0.05, -0.1, ?, -0.4, 0.8  
(a) -0.2 (b) 0.25  
(c) -0.25 (d) 0.2

97. Mishti's birthday is on Thursday 27th April. On what day of the week will be Aradhya's Birthday in the same year, if Aradhya was born on 20th October?

fe"Vh dk tUefnu 27 vizSy]  
fnu xq:okj dks gSA ;fn  
vkjk/;k dk tUe 20 vDVwcj  
dks gqvk Fkk] rks mlh o"kZ

vkjk/;k dk tUefnu lIrk g ds  
fd, fnu gksxk\

(a) Friday/ `kqøokj (b) Wednesday

/cq/kokj

(c) Saturday /' kfuokj (d) Thursday

/' kqøokj

98. The weights of 4 boxes are 80, 60, 90 and 70 kilograms. Which of the following cannot be the total weight, in kilograms, of any combination of these boxes?

pkj cDlksa dk otu 80, 60, 90  
vkSj 70 fdyksxzke gSA  
fuEufyf[kr esa ls cDlksa ds  
fdlh Hkh la;kstu ls dqy  
otu] fdyksxzke esa dksu lk  
ugha gks ldrk\

(a) 300 (b) 230  
(c) 220 (d) 290

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

SANCTION

fuEufyf[kr fodYiksa esa ls  
og `kCn pqfu, tks fn, x,  
'kCn ds v{kjksa dk iz;ksx  
djds ugha cuk;k tk ldrk%

SANCTION

(a) STONIC (b) TACOS  
(c) STONE (d) SONIC

100. If CHANTED is coded as ZEXKQBA, then how will MAY be coded as?

;fn CHANTED dks fdlh dksM  
esa ZEXKQBA fy;k tkrk gS]  
rks MAY dks mlh dksM esa D;k  
fy[kk tk,xk\

(a) XIG (b) JXV  
(c) OBI (d) XAV



THE FIRST STEP TOWARDS  
YOUR DEFENCE DREAM

**ANSKER KEY**

**SRNTH MODEL TEST PAPER-II**

1	B	21	C	41	C	61	D	81	C
2	B	22	C	42	C	62	D	82	B
3	B	23	A	43	B	63	A	83	D

4	B	24	B	44	D	64	A	84	A
5	C	25	C	45	C	65	B	85	C
6	A	26	A	46	C	66	D	86	D
7	D	27	B	47	B	67	B	87	A
8	C	28	A	48	B	68	C	88	A
9	A	29	A	49	C	69	C	89	B
10	B	30	A	50	C	70	B	90	C
11	C	31	D	51	B	71	C	91	C
12	A	32	A	52	D	72	D	92	B
13	D	33	A	53	C	73	B	93	A
14	B	34	D	54	B	74	A	94	D
15	B	35	B	55	C	75	A	95	D
16	A	36	D	56	B	76	A	96	D
17	B	37	D	57	A	77	C	97	A
18	C	38	D	58	B	78	C	98	D
19	B	39	C	59	A	79	A	99	C
20	C	40	A	60	C	80	B	100	B