## STAFF SELECTION COMMISSION

## CONSTABLE (GD) IN CAPFS, SSF, ASSAM RIFLES & NCB

## SOLVED PAPER

## (19th February 2019: Shift-1)

Time Allotted- 1.5 hours

## **Important Instructions:-**

- This paper contains 100 questions which are divided into 4 sections. Each section contains 25 questions.
  - General Intelligence & Reasoning
  - General Knowledge & General Awareness
  - Elementary Mathematics
  - English
- There will be 1 marks for each correct answer and also there will be negative marking of 0.25 marks for each wrong answer.
- Each question is compulsory to attempt and there will be no negative marking for unattempted questions.

**4.** zxv

#### **General Intelligence & Reasoning**

1. Choose the figure from the options in which the figure marked 'X' is embedded.



2. The numbers in the following set are related in a certain way. Choose the set that is similar to the following set: {6, 10, 8}

**1.** {5, 13, 12} **2.** (13, 17, 16) **3.** (3, 6, 4) **4.** (8, 12, 9)

- 3. If in a code language, HEAD = 4158 and PASTE = 52019116, then TRICK = ?
  - **1.** 11391718 **2.** 31191820 **3.** 11391820 **4.** 11932018
- 4. Which two signs should be interchanged to make the following equation correct?

 $12 + 16 \div 8 \times 4 - 8 = 24$ 

1. - and ÷
 2. × and 3. + and ×
 4. ÷ and ×
 5. Four words have been given out of which three are alike in some manner, while one is different. Choose the odd one:

**1.** Anger **2.** Joy **3.** Fear **4.** Calm

- 6. Select the correct option that will fill in the blank and complete the series.
  - 2, 5, 7, 12, ?, 31, 50
  - **1.** 25 **2.** 21 **3.** 19 **4.** 18
- 7. Select the correct option that will fill in the blank and complete the series.

cab, gef, ljk, rpq, \_

**1.** wvu **2.** yxw **3.** ywx

- 8. The statements below are followed by two conclusions labeled I and II, Assuming that the information in the statements is true, even if it appears to be at variance with generally established facts, decide which conclusion(s) logically and definitely follow(s) from the information given in the statements. Statements:
  - 1. Some flowers are white.
  - 2. Some white objects are round.

#### **Conclusions:**

- I. Some flowers are round.
- II. Every round object is either white or a flower.

- 1. Only conclusion II follows
- 2. Both conclusions I and II follow
- 3. Neither conclusion I nor II follows
- 4. Only conclusion I follows



- V, X, Y and Z are playing cards. X is to the left of Y and V is to the right of Z. If X is facing West, which direction is V facing?
   East 2. West 3. South 4. North
- **11.** Select the correct option that will fill in the blank and complete the series.

2, 3, 4, 8, 16, 25, 52, \_

**12.** Choose the figure from the options that would follow next in the given series.







**14.** Which one of the following four-letter clusters does NOT belong to the group?

1. DWTG 2. FUSG 3. CXWD 4. BYWD

- 15. Select the option that is related to the third term in the same way as the second term is related to the first term. Torture : Cruelty :: Forgiveness : ?
  - 1. Generosity 2. Politeness 3. Gratitude 4. Excuse
- **16.** Six houses A, B, C, D, E and F are located in two rows facing each other with three houses in each row. F is opposite C,

Max marks- 100



which is to the left of E. D is to the right of A. Which house is facing B?

- 1. D2. A3. E4. C17. If in a code language SYMPHONY is coded as ZOPIQNZT, then THURSDAY would be coded as:1. UIVSTEBZ2. ZBETSIVU
- 3. ZBETSVIU
   4. XZCRQTGS

   18. Pick the odd pair out.
   1. 17-52

   2. 23-32
   3. 14-41
- 17-52
   23-32
   14-41
   12-21
   Four numbers have been given out of which three are alike in some manner, while one is different. Choose the odd one.
- 1. 912. 423. 554. 8420. DAWN is related to DUSK in the same way as<br/>INAUGURATION is related to:1. VALEDICTION2. MEETING<br/>3. CONCLUSION4. INVITATION
- **21.** Among six objects P, Q R, S, T and U, Q is heavier than R but lighter than T. S is lighter than T but heavier than U. P is lighter than Q but heavier than S. Which is the second heaviest object?

**4.** P

4. HFGN

**22.** Select the correct mirror image of the following figure when the mirror is placed to its right.



**23.** Which of the following Venn diagrams correctly represents the relationships among the classes: Educated, Mothers, Employed

**24.** Select the option that is related to the third term in the same way as the second term is related to the first term. BDFH : AFCL :: FHJL : ?

**25.** The statements below are followed by two conclusions labeled I and II. Assuming that the information in the statements is true, even if it appears to be at variance with generally established facts, decide which conclusion(s) logically and definitely follow(s) from the information given in the statements. **Statements:** 

1. Some mangoes are fruits.

2. All fruits are sweet.

## Conclusions:

- I. Some sweet objects are mangoes.
- II. All sweet objects are fruits.
- III. Some mangoes are neither fruits nor sweet.
- 1. Only conclusions II and III follow
- 2. Only conclusions I and III follow
- **3.** Only conclusions I and II follow
- 4. Only conclusion I follows

#### General Knowledge & General Awareness

- 26. Nalanda was an ancient centre of learning for which religion?1. Christianity2. Jainism3. Buddhism4. Islam
- 27. Ustad Amjad Ali Khan is famous for playing the \_\_\_\_\_.
  1. Violin 2. Tabla 3. Sarod 4. Veena
- **28.** Under which of the following situations, the Fundamental Right to Freedom is curtailed in India?
  - 1. Epidemic Emergency 2. National Emergency
  - **3.** Financial Emergency **4.** State Emergency

- 29. Which one of the following is a labour intensive industry?
  1. Maize
  2. Tea
  3. Pulses
  4. Wheat
- **30.** The first amendment to the Indian Constitution was made in .
- 1. 1951 **2.** 1950 **3.** 1948 4. 1947 31. Which of the following pair correctly represents a state and the corresponding art form associated with it? 1. Punjab — Mohiniyattam 2. Tamil Nadu — Odissi **3.** Uttar Pradesh — Kathak 4. Assam — Kathakali 32. Who is an 'indentured labourer'? 1. A labour bought in a market 2. An unpaid labourer 3. A slave from Africa 4. A bonded labourer, working to pay off his passage to a new country **33.** The Constitution of India contains schedules. 1.12 2. 14 **3.** 13 4.11 34. What is the movement of a plant due to the stimulus of light known as? 1. Respiration 2. Phototropism 3. Geotropism 4. Geotaxis 35. When a force resists the relative motion between two surfaces, it is called 1. Induction 2. Convection 3. Friction 4. Resistance 36. Which type of micro-organism causes typhoid? 1. Fungi 2. Bacteria 3. Virus 4. Protozoa **37.** RK Laxman is famous for 1. cartoons 2. wall painting 3. films 4. classical music 38. River Yamuna does NOT pass through which of the following states? 1. Uttar Pradesh 2. Uttarakhand 3. Gujarat 4. Harvana **39.** What is diluted acetic acid commonly known as? **1.** Blue vitriol **2.** Alum 3. Vinegar 4. Oleum 40. The famous playback singer is a recipient of the Bharat Ratna Award. 1. Lata Mangeshkar 2. Shreya Ghoshal **3.** Asha Bhosle 4. Shubha Mudgal 41. Which day is celebrated as the World Environment Day? 2. 5<sup>th</sup> August 1. 1<sup>st</sup> May 4. 5<sup>th</sup> June 3. 1<sup>st</sup> December 42. In the context of Indian National Movement, who was known as 'Frontier Gandhi'? 2. Ashfaqulla Khan 1. Khan Abdul Gaffar Khan 3. Udham Singh 4. Maghfoor Ahmad Ajazi 43. known as the Eastern Mountain Range. 1. Shivalik 2. Patkai Range 3. Karakoram 4. Aravalli 44. Who won the National Squash 2018 Women's Singles title? 1. Bhuvaneshkumari 2. Urwashi Joshi 3. Dipika Pallikal 4. Joshna Chinappa 45. What do banks utilize a major portion of the deposits for? 1. Interest 2. Guarantee 3. Loans 4. Collaterals 46. What is an annual statement of receipts and expenditure of the government over a fiscal year is known as? 1. Revenue 4. Capital 2. Tax 3. Budget 47. Malgudi Days was written by 1. Amish Tripathi 2. Shashi Tharoor 3. Vikram Seth 4. R. K. Narayan 48. Which of the following statement is NOT correct in the context of rising importance of tertiary sector in India? 1. Growth of information and technology
  - 2. Growth in per capita income

1. T

- **3.** Growth of political awareness in rural areas
- **4.** Growth of service providing industries
- 49. The ICC Emerging Player of the Year 2018 was awarded to
  - I. K.L.Rahul2. Hardik Pandya3. Rishabh Pant4. Shikhar Dhawan
- 50. The slogan "Workers of the world unite" was associated to:1. Russian revolution2. French revolution
  - **3.** American revolution **4.** Japanese revolution

#### **Elementary Mathematics**

**51.** 2 men and 7 women can do a piece of work in 14 days whereas 3 men and 8 women can do it in 11 days. In how many days 5 men and 4 women can do the same work?

**1.** 11 **2.** 14 **3.** 12 **4.** 10

52. A sum of ₹14460 is divided among A, B, C and D such that the ratio of share of A and B is 3 : 5, that of B and C is 6 : 7 and that of C and D is 14 : 15, What is the difference between the shares of A and C?

- 53. Three positive number are given. If the average of any two of them is added to the third number, the sums obtained are 172, 216 and 180. What is the average of the given three numbers? 1.  $94\frac{2}{3}$  2. 96 3. 93 4.  $95\frac{1}{3}$
- **54.** A train takes 3 hours less time for a journey of 360 km, if its speed is increased by 10 km/hr from its usual speed. What is its increased speed (in km/hr)?

4.36

- **1.** 40 **2.** 30 **3.** 42
- 55. When a person goes to his office from his house with a speed of 10 km/hr he is late by 20 minutes. When he goes with a speed of 15 km/hr, he is late by 5 minutes. What is the distance (in km) between his office and house?
  1. 7.5
  2. 7
  3. 8
  4. 8.5

**56.** The value of:

1.

$$\begin{bmatrix} \frac{5}{7} \text{ of } 1\frac{3}{8} - \frac{5}{8} \text{ of } \frac{6}{7} \end{bmatrix} \div \begin{bmatrix} 1 - \frac{1}{7} \times \left(\frac{5}{12} + \frac{1}{3}\right) \end{bmatrix} \times \frac{\frac{1}{7} - \frac{1}{9}}{\frac{1}{7} + \frac{1}{9}}$$
  
1.  $\frac{1}{16}$  2. 4 3.  $\frac{1}{4}$  4. 8

**57.** The selling price of an article is 84% of its cost price. If the cost price is increased by 20% and the selling price is increased by 25%, what is the percentage increase/decrease in the loss with respect to the earlier loss?

1. 
$$6\frac{1}{4}$$
%, increase
 2.  $6\frac{2}{3}$ %, decrease

 3.  $6\frac{1}{4}$ %, decrease
 4.  $6\frac{2}{3}$ %, increase

- 58. The average height of a certain number of persons in a group is 155.5 cm. Later on 4 persons of height 154.6 cm, 158.4 cm, 152.2 cm and 153.8 cm leave the group. As a result the average height of the remaining persons increases by 0.15 cm. What was the number of persons initially in the group?
  1. 22
  2. 20
  3. 24
  4. 18
- **59.** What is the mean of the range, median and mode of the data given below?

1, 2, 5, 9, 6, 3, 9, 7, 4, 3, 9, 1, 9, 6, 8, 1  
1. 
$$8\frac{1}{2}$$
 2.  $7\frac{1}{2}$  3. 8 4. 7

**61.** A pipe can fill a tank in 10 minutes while another pipe can empty it in 12 minutes. If the pipes are opened alternately each for 1 minute, beginning with the first pipe, the tank will be full after (in minutes):

62. Study the following table and answer questions:

320

280

D

Е

1.3

Number of e	employees work	ing in five differen	t companies.
Company	No of Employees	Ratio of Males & Females	
А	380	13:6	
В	420	4:3	
С	360	8:7	

What percent of total male employees in companies A and B is the number of female employees in E?

11:9

3:5

- **63.** A metallic sphere of radius 4 cm is melted and the cast into small spherical balls, each of diameter 0.4 cm. The number of small balls will be:
  - **1.** 2000 **2.** 4000 **3.** 1000 **4.** 8000
- 64. A park is in the shape of a rectangle. Its length and breadth 240 m and 100 m, respectively. At the centre of the park, there is a circular lawn. The area of the park, excluding the lawn is 3904 m<sup>2</sup>. What s the perimeter (in m) of the lawn? (use π = 3.14)
  1. 512.8
  2. 508.6
  3. 502.4
  4. 516.2
- 65. What is the sum of digits of the least number which when divided by 21, 28, 30 and 35 leaves the same remainder 10 in each case but is divisible by 17?
  1, 11
  2, 14
  3, 10
  4, 13
- 1. 11
   2. 14
   3. 10
   4. 13
   66. Two numbers are in the ratio 3 : 5. If 9 is subtracted from each, the numbers so obtained are in the ratio 12: 23.1f 3 is added to the smaller number and 7 is subtracted from the other number, there they will be in the ratio:
- **1.** 5 : 8 **2.** 5 : 6 **3.** 3 : 4 **4.** 4 : 5
- 67. The simple interest on a certain sum at 14% per annum for  $3\frac{1}{4}$  years is ₹3731. What will the amount of the same sum for
  - $5\frac{1}{2}$  years at half the earlier rate?

Number of employees working in five different companies.

Company	No of Employees	Ratio of Males & Females
А	380	13:6
В	420	4:3
С	360	8:7
D	320	11:9
Е	280	3:5

The ratio of the number of male employees in company C to the number of female employees in the company D is:

- **1.** 3 : 2 **2.** 8 : 9 **3.** 4 : 3 **4.** 5 : 2
- **69.** The number of female employees in company C is what percent more than the number of male employees in company E?

20

Company	No of Employees	Ratio of Males & Females				
А	380	13:6				
В	420	4:3	]			
С	360	8:7	]			
D	320	11:9				
Е	280	3:5				
1. 55	2. 60	<b>3.</b> 48	4			

70. The compound interest on a sum of ₹15625 for  $2\frac{3}{4}$  years at

 16% per annum. The interest compound annually is:

 1. ₹6661
 2. ₹7923
 3. ₹5400
 4. ₹7932

- **71.** A and B are two cones. The curved surface area of A is twice that of B. The slant height of B is twice that of A. What is the ratio of radii of A to B?
- **1.** 1 : 4 **2.** 2 : 1 **3.** 4 : 1 **4.** 3 : 2 **72.** The value of :
- $1.25 [1 \div \{3 + (2 0.4 \times 2.5)\}]$

**1.** 
$$\frac{1}{2}$$
 **2.** 1 **3.** 2 **4.**

**73.** After allowing a discount of  $12\frac{1}{2}\%$  on the marked price of

an article, it was sold for ₹700. Had the discount NOT been given, the profit would have been 60%. The cost price of the article is:

0

**1.** ₹540 **2.** ₹480 **3.** ₹500 **4.** ₹600

- 74. Renu saves 30% of her income. If her savings increases by 30% and the expenditure increases by 25%, then the percentage increase in her income is:
  1. 25.8
  2. 30
  3. 15
  4. 26.5
- 75. The profit on selling 35 mangoes is equal to the cost price of 7 mangoes. What is the profit percentage?

**1.**  $16\frac{2}{3}$  **2.** 25 **3.**  $33\frac{1}{3}$  **4.** 20

## English

76. Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select No improvement. He decided to leave very quickly the hotel. 1. quickly leave hotel. **2.** leave quickly the hotel. 3. No improvement 4. leave the hotel quickly. 77. Select the word which means the same as the group of words given. A person who is more than hundred years old 1. Centurial 2. Centenarian 3. Centuriator 4. Centurion 78. Select the antonym of the given word. TRANSPARENT 1. White-coloured 2. Milky 3. Translucent 4. Opaque 79. Select the most appropriate option to fill in the blank. He has been my birthday all week! 1. celebrate 2. celebrated 3. celebrates 4. celebrating **Comprehension:** In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given.

Fundamentally, all human beings possess a combination of fixed inherited traits. All individuals possess the (1) \_\_\_\_\_

highly developed nervous system, backbones, erect posture, hair, etc. Therefore, (2) \_\_\_\_\_ among human beings arise only in (3) \_\_\_\_\_ changes of this basic pattern. Racial differences (4) \_\_\_\_\_ one of the finest distinctions and are based only on (5) \_\_\_\_\_ slight differences.

- **80.** Select the most appropriate option that will fill in the blank number 1.
- 1. natural 2. different 3. same 4. large
- **81.** Select the most appropriate option that will fill in the blank number 2.
  - 1. similarities 2. naturalness 3. variations 4. sameness
- **82.** Select the most appropriate option that will fill in the blank number 3.
  - 1. complete 2. minor 3. large 4. fundamental
- **83.** Select the most appropriate option that will fill in the blank number 4.
- present
   represent
   give
   show
   Select the most appropriate option that will fill in the blank number 5.
   certain
   hidden
   possible
   clear
   Select the most appropriate option to fill in the blank.
   in Nagpur, we are unwilling to move to another city.
  - I. Since we have lived2. Since we were living
  - **3.** Since we have been living **4.** Being that we are living
  - S. Since we have been hving **4.** Deing that we are hving
- 86. Select the synonym of the given word. ABILITY1. Outlook2. Instinct3. Capacity
- Outlook 2. Instinct 3. Capacity 4. Disposition
   87. Select the correctly spelt word.
  - 1. Incorigible 2. Incourrigible
  - **3.** Incorrigibel **4.** Incorrigible
- 88. Select the option that means the same as the given idiom. In high spirits
- 1. Feel joyful2. Remain calm
- **3.** Become successful **4.** Create confusion
- 89. Select the antonym of the given word. VIRTUOUS
  1. Vicious
  2. Kind
  3. Honest
  4. Worth
- Vicious
   Kind
   Honest
   Worthy
   Fill in the blank with the most appropriate option.
- Devika is the most \_\_\_\_\_ of them all and has managed to do well in her profession.
- simple
   insolent
   intelligent
   audacious
   From the given options, identify the segment in the sentence which contains the grammatical error.
  - The errors for the typed reports were so numerous that they could hardly be overlooked.
  - 1. typed reports 2. could hardly be
  - **3.** so numerous **4.** errors for
- **92.** Select the correctly spelt word.
  - 1. Contemporary2. Contempory
  - **3.** Contemporary **4.** Contemparary
- **93.** Select the word which means the same as the group of words given.
  - One who loves mankind
  - 1. Philologist 2. Philosopher
  - **3.** Humanist **4.** Philanthropist
- **94.** Select the option that means the same as the given idiom. Have several irons in the fire
  - 1. Talking to many persons simultaneously
  - **2.** Doing iron related work
  - 3. Burning unwanted pieces of iron
  - 4. Having too many engagements at a time
- **95.** Select the synonym of the given word.
  - CHARACTER
  - 1. Trait 2. Mannerism 3. Performance 4. Spirit

96. Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select No improvement.

The rules of chess require that one has to makes only one move at a time.

- 1. has to make 2. will make
- **3.** No improvement 4. made
- 97. From the given options, identify the segment in the sentence which contains the grammatical error. If the report did not have the information needed it could not
  - be used by them.
  - 1. be used by them 2. information needed
  - 3. If the
- 4. it could not
- 98. Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select No improvement. Though a hero, he acted a coward. **1.** like a coward 2. No improvement
- 3. as coward 4. cowardly 99. From the given options, identify the segment in the sentence which contains the grammatical error. Had you told me that you were in Mumbai I could have certainly contacted you instead of waiting here.
- 1. could have 2. instead of 3. Had you 4. you were 100. Fill in the blank with the most appropriate option. Suresh is in collecting stamps.

1. customarv 2. customary 3. interested 4. habituated

Answer Key

1.	(3)	2.	(1)	3.	(3)	4.	(1)	5.	(4)	6.	(3)	7.	(3)	8.	(3)	9.	(2)	10.	(4)
11.	(3)	12.	(3)	13.	(4)	14.	(2)	15.	(1)	16.	(2)	17.	(3)	18.	(1)	19.	(3)	20.	(1)
21.	(2)	22.	(2)	23.	(2)	24.	(3)	25.	(2)	26.	(3)	27.	(3)	28.	(2)	29.	(2)	30.	(1)
31.	(3)	32.	(4)	33.	(1)	34.	(2)	35.	(3)	36.	(2)	37.	(1)	38.	(3)	39.	(3)	40.	(1)
41.	(4)	42.	(1)	43.	(2)	44.	(4)	45.	(3)	46.	(3)	47.	(4)	48.	(3)	49.	(3)	50.	(1)
51.	(1)	52.	(1)	53.	(1)	54.	(1)	55.	(1)	56.	(1)	57.	(3)	58.	(3)	59.	(2)	60.	(4)
61.	(2)	62.	(4)	63.	(4)	64.	(3)	65.	(4)	66.	(3)	67.	(4)	68.	(3)	69.	(2)	70.	(2)
71.	(3)	72.	(2)	73.	(3)	74.	(4)	75.	(4)	76.	(4)	77.	(2)	78.	(3)	79.	(4)	80.	(3)
81.	(3)	82.	(2)	83.	(2)	84.	(1)	85.	(3)	86.	(3)	87.	(4)	88.	(1)	89.	(1)	90.	(3)
91.	(4)	92.	(1)	93.	(3)	94.	(4)	95.	(1)	96.	(1)	97.	(3)	98.	(3)	99.	(3)	100.	(3)

## Answers with Explanations

1. **Option (3) is correct.** 

The given figure is embedded in option (3) as highlighted below:

#### 2. **Option (1) is correct.**

Given set: (6, 10, 8) The pattern followed here is:  $(1^{st} term)^2 + (3^{rd} term)^2 = (2^{nd} term)^2$ As,  $(6)^2 + (8)^2 = (10)^2$ 36 + 64 = 100100 = 100Similarly, upon checking option (1), we get:  $(5)^2 + (12)^2 = (13)^2$ 25 + 144 = 169169 = 169

3. **Option (3) is correct.** 

Given that: HEAD = 4158Here, the letters are assigned their positional values and then they are written in reverse order. As.  $H(8) E(5) A(1) D(4) \rightarrow 4158$ And, for PASTE  $P(16) A(1) S(19) T(20) E(5) \rightarrow 52019116$ Similarly, for TRICK  $T(20) R(18) I(9) C(3) K(11) \rightarrow 11391820$ Hence, 11391820 is the correct answer.

4. **Option (1) is correct.** Given equation:  $12 + 16 \div 8 \times 4 - 8 = 24$ Upon checking option (1) and interchanging – and  $\div$  we get:  $12 + 16 - 8 \times 4 \div 8 = 24$  $\Rightarrow$  12 + 16 - 4 = 24

 $\Rightarrow 28 - 4 = 24$ 

 $\Rightarrow 24 = 24$ 

## **Option (4) is correct.**

**Option (3) is correct.** 

In the given options, anger, joy and fear are extreme level of emotions which a person feel. Whereas, calm is a pleasant state of mind when a person doesn't feel any strong emotion. Hence, calm is a correct answer.

## 6.

Given series: 2, 5, 7, 12, ?, 31, 50

Here, each number is the sum of two previous numbers.

So,

2 + 5 = 7

- 5 + 7 = 12
- 7 + 12 = 19

12 + 19 = 31

19 + 31 = 50

Hence, 19 is the correct answer.

#### 7. **Option (3) is correct.**

Given series: cab, gef, ljk, rpq, \_ The pattern followed here is:

> +5+5+7

Hence, ywx is the correct answer.



## 8. Option (3) is correct.

According to the statements, (Flowers) following Venn diagram can be made:

## Conclusion-I) Some flowers are round - False.

**Conclusion-II)** Every round object is either white or a flower - False.

Hence, neither conclusion I nor II follows.

## 9. Option (2) is correct.

After folding the sheet, it will appear as follows:

#### 10. Option (4) is correct.

According to the question, following sitting arrangement can be made:



Hence, V is facing north direction.

## 11. Option (3) is correct.

Given series: 2, 3, 4, 8, 16, 25, 52, \_\_\_\_\_ The pattern followed here is:

$$2 3 4 8 16 25 52 68$$
  
+(1)<sup>2</sup> +(1)<sup>3</sup> +(2)<sup>2</sup> +(2)<sup>3</sup> +(3)<sup>2</sup> +(3)<sup>3</sup> +(4)<sup>2</sup>

Hence, 68 is the correct answer.

- **12. Option (3) is correct.** According to the given pattern and symmetry the required answer figure is:
- **13. Option (4) is correct.** Following figure will complete the series:

## 14. Option (2) is correct.

The pattern followed here is:



Hence, FUSG is the odd one out.

## 15. Option (1) is correct.

In the given analogy, first word is the synonym of second word.

Similarly, generosity is the synonym of forgiveness.

## 16. Option (2) is correct.

According to the question, following sitting arrangement can be made:



#### 17. Option (3) is correct.

Given that: SYMPHONY is coded as ZOPIQNZT Here, the word given is reversed and then one. Positional value is added in each alphabet. As,

SYMPHONY — Reverse YNOHPMYS

Similarly,

## THURSDAY — Reverse → YADSRUHT

Hence, ZBETSVIU is the correct answer.

# **18. Option (1) is correct.** The pattern followed here is:



Hence, 17 - 52 is the odd one out.

## 19. Option (3) is correct.

In the given options, the numbers are multiples of 7. Option-1)  $91 = 13 \times 7$ Option-2)  $42 = 6 \times 7$ Option-3)  $55 = 11 \times 5$ Option-4)  $84 = 12 \times 7$ Hence, 55 is the odd one out.

## 20. Option (1) is correct.

In the given analogy, first word is the antonym of second word.

Dawn means rising of the sun and Dusk means setting back of the sun.

Similarly, 'inaugration' means starting something whereas, Valediction means closing something. So, they both are antonyms to each other.

Hence, Valediction is the correct answer.

## 21. Option (2) is correct.

According to the question, following arrangement can be made:



Round

White

T — Heavier Q R P S U — Lighter Hence, Q is the second heaviest object.

## 22. Option (2) is correct.

In the mirror image, left becomes right and right becomes left. Hence, the required mirror image is:

- 23. Option (2) is correct. Given classes: Educated, Mothers, Employed The diagram which best illustrates the given classes is:
- **24. Option (3) is correct.** Given that: BDFH : AFCL



Similarly,

$$\begin{array}{c|cccc} F & H & J & L \\ -1 & +2 & -3 & +4 \\ E & J & G & P \end{array}$$

Hence, EJGP is the correct answer.

25. Option (2) is correct.

According to the statements, following Venn diagram can be made:

Conclusion-I) Some sweet objects are mangoes - True. Conclusion-II) All sweet objects are fruits - False. Conclusion-III) Some mangoes are neither fruits nor sweet -True.

Hence, only conclusion I and II follows.

## 26. Option (3) is correct.

Nalanda was a Buddhist monastery and centre of learning in ancient India from the 5<sup>th</sup> to 12<sup>th</sup> century CE. It was a Mahayana university that also taught Hinayana doctrine, the Vedas, Sankhya and Yoga philosophies, and other subjects.

## 27. Option (3) is correct.

Ustad Amjad Ali Khan is famous for playing the sarod, a traditional Indian stringed musical instrument.

## 28. Option (2) is correct.

During a National Emergency in India, declared under Article 352 of the Indian Constitution, the Fundamental Right to Freedom can be curtailed, allowing the central government to suspend or restrict certain freedoms to address the emergency and safeguard the nation's security and integrity.

## 29. Option (2) is correct.

Tea production is recognized as a labour-intensive industry due to its reliance on manual labour for tasks such as plucking tea leaves, pruning bushes, and processing the harvested leaves.

## 30. Option (1) is correct.

The first amendment to the Indian Constitution was enacted in 1951, introducing changes to address emerging challenges and improve governance.

## 31. Option (3) is correct.

Kathak is a classical dance form that originated in Uttar Pradesh, making the pairing of Uttar Pradesh with Kathak accurate.

## 32. Option (4) is correct.

An 'indentured labourer' is a bonded worker who commits to labouring for a specified period to repay the cost of their passage to a new country. Indentured labourers entered into contractual agreements, known as indentures, which bound them to work for a certain duration in exchange for transportation to a different country. This system was common during periods of colonial expansion, with individuals agreeing to work to pay off their travel expenses.

## 33. Option (1) is correct.

The Constitution of India contains 12 schedules. These schedules provide additional details, lists, and other provisions related to various subjects such as territories, languages, forms of oaths, and tribal areas.

## 34. Option (2) is correct.

Phototropism is the plant's response to light stimulus, causing it to grow towards or away from the light source. Positive phototropism is growth towards light, while negative phototropism is growth away from it.

## 35. Option (3) is correct.

Friction is the force that opposes or resists the relative motion between two surfaces. It acts in the direction opposite to the intended motion and occurs due to the interaction between the surfaces in contact.

## 36. Option (2) is correct.

Bacteria cause typhoid. Specifically, the bacterium Salmonella typhi is responsible for this infectious disease. It is typically transmitted through contaminated food or water and can lead to symptoms such as high fever, abdominal pain, and weakness.

## 37. Option (1) is correct.

RK Laxman is renowned for his cartoons, particularly his iconic creation "The Common Man," which featured prominently in The Times of India newspaper.

## 38. Option (3) is correct.

The Yamuna River, also known as the Jumna, does not pass through Gujarat. The Yamuna River is a major river in northern India that flows through the states of Haryana, Uttarakhand, and Uttar Pradesh. It also passes through Himachal Pradesh, Delhi, Rajasthan, and Madhya Pradesh.

## **39.** Option (3) is correct.

Diluted acetic acid, known as vinegar, is a mildly acidic solution usually obtained through the fermentation of ethanol or sugars. It is commonly used in cooking, food preservation, and household cleaning due to its acidic properties and distinctive flavour.

## 40. Option (1) is correct.

The famous playback singer Lata Mangeshkar is a recipient of the Bharat Ratna Award. Lata Mangeshkar, often referred to as the "Nightingale of India," is one of the most celebrated and iconic playback singers in the history of Indian cinema.

## 41. Option (4) is correct.

World Environment Day falls on June 5<sup>th</sup> annually. This worldwide event is dedicated to raising awareness about environmental concerns, advocating for conservation initiatives, and inspiring collective action to safeguard the Earth's natural resources.



Mangoes





## 42. Option (1) is correct.

"Frontier Gandhi" refers to Khan Abdul Ghaffar Khan in the Indian National Movement. He earned this nickname for leading non-violent resistance against British rule, especially in the North-West Frontier Province (now in Pakistan). Ghaffar Khan, a follower of Mahatma Gandhi, mobilized the Pashtun community against British imperialism.

#### 43. Option (2) is correct.

The Eastern Mountain Range is known as the Patkai Range. This mountain range stretches across the eastern Indian states of Arunachal Pradesh, Nagaland, Manipur, and Mizoram, as well as into Myanmar.

## 44. Option (4) is correct.

Joshna Chinappa won the National Squash 2018 Women's Singles title, adding to her impressive list of achievements in her squash career.

### 45. Option (3) is correct.

Banks primarily utilize a major portion of the deposits for issuing loans. When customers deposit money in banks, a significant portion of those funds is used by banks to provide loans to individuals, businesses, and other entities.

## 46. Option (3) is correct.

The annual statement of receipts and expenditures of the government over a fiscal year is called the Annual Financial Statement (AFS). It is also known as the Budget Statement. The AFS is the main budget document and is required by Article 112 of the Constitution of India to be presented before Parliament for every financial year, which runs from April 1 to March 31.

#### 47. Option (4) is correct.

"Malgudi Days" is authored by R. K. Narayan. This collection comprises short stories unfolding in the fictional town of Malgudi, offering glimpses into the lives of its residents and reflecting the intricacies of Indian culture and society.

## 48. Option (3) is correct.

The statement that is not correct in the context of the rising importance of the tertiary sector in India is the Growth of political awareness in rural areas.

## 49. Option (3) is correct.

The ICC Emerging Player of the Year 2018 was awarded to Rishabh Pant.

## 50. Option (1) is correct.

The slogan "Workers of the world unite" is linked to the Russian Revolution. It calls for workers from all countries to come together, showing unity and working as one to fight against unfair systems and seek fairness and economic equality.

## 51. Option (1) is correct.

Using, total work =  $M_1D_1 = M_2D_2$   $\Rightarrow (2M + 7W) \times 14 = (3M + 8W) \times 11$   $\Rightarrow 28M + 98W = 33M + 88W$  $\Rightarrow \frac{M}{W} = \frac{2}{1}$ 

Hence, total work =  $(2 \times 2 + 7 \times 1) \times 14 = 154$  units So, time taken by 5M and 4W to complete the work =  $\frac{154}{5 \times 2 + 4 \times 1} = 11$  days

## 52. Option (1) is correct.

Given that the sum = ₹ 14460 Also given, A : B = 3 : 5

Also given, 
$$A : B = 3 : 5$$
 ...(1)  
 $B : C = 6 : 7$  ...(2)  
 $C : D = 14 : 15$  ...(2)

$$C: D = 14: 15$$
 ...(3)

By (1) and (2), A : B : C =  $3 \times 6 : 5 \times 6 : 5 \times 7 = 18 : 30 : 35$  ...(4) By (3) and (4), A : B : C : D =  $18 \times 2 : 30 \times 2 : 35 \times 2 : 15 \times 5 = 36 : 60 : 70$ : 75

So, Difference between A and C's share

$$= 14460 \times \frac{70 - 36}{36 + 60 + 70 + 75} = 2040$$

## 53. Option (1) is correct.

у

z

Let the numbers are *x*, *y* and *z*. According to the question,

$$x + \frac{y+z}{2} = 172$$
  
$$\Rightarrow 2x + y + z = 344$$
..(1)

$$+\frac{x+z}{2} = 216$$

$$\Rightarrow x + 2y + z = 432 \qquad \dots (2)$$

$$+\frac{y+x}{2} = 180$$

$$\Rightarrow 2z + y + x = 360$$
 ...(3)  
By adding Eq. (1), (2) and (3),

$$\Rightarrow x + y + z = 284$$

So, required average = 
$$\frac{284}{3} = 94\frac{2}{3}$$

54. Option (1) is correct.

Given,

Distance = 360 km

Let his usual speed = x km/h

According to the question,  $\frac{360}{r} - \frac{360}{r+10} = 3$ 

 $\Rightarrow 1200 = x(x+10)$ 

From above, x = 30 km/h So, his increased speed = 40 km/h

#### 55. Option (1) is correct.

The ratio in the given speeds = 10: 15 = 2: 3So, the ratio between times = 3: 2According to the question, 3x - 2x = 15 min So, x = 15Hence, time taken by the person to reach office =  $3 \times 15 = 45$ min

Distance between office and house =  $10 \times \frac{45}{60} = 7.5$  km

## 56. Option (1) is correct.

The value of 
$$\left[\frac{5}{7}$$
 of  $1\frac{3}{8} - \frac{5}{8}$  of  $\frac{6}{7}\right] \div \left[1 - \frac{1}{7} \times \left(\frac{5}{12} + \frac{1}{3}\right)\right] \times \frac{\frac{1}{7} - \frac{1}{9}}{\frac{1}{7} + \frac{1}{9}}$   

$$= \left[\frac{55}{56} - \frac{15}{28}\right] \div \left[1 - \frac{1}{7} \times \left(\frac{3}{4}\right)\right] \times \frac{1}{8}$$

$$= \left[\frac{25}{56}\right] \div \left[\frac{25}{28}\right] \times \frac{1}{8}$$

$$= \frac{25}{56} \times \frac{28}{25} \times \frac{1}{8}$$

$$= \frac{1}{16}$$

57. Option (3) is correct. Let the cost price = ₹ 100 So, selling price = ₹ 84 Loss = ₹ 16 According to the question, New cost price = ₹ 120 And new selling price =  $84 \times \frac{125}{100} = ₹ 105$ Now, loss = 120 - 105 = ₹ 15So, percentage decrease in loss =  $\frac{16 - 15}{16} \times 100 = 6\frac{1}{4}\%$  **58. Option (3) is correct.** Let the total number of persons in group = x Their total height = 155.5x cm After leaving 4 persons, their total age = 155.5x - (154.6 + 158.4 + 152.2 + 153.8) = 155.5x - 619According to the question,

 $\Rightarrow 155.5x - 619 = (155.5 + 0.15)(x - 4)$  $\Rightarrow 155.5x - 619 = 155.65x - 622.6$  $\Rightarrow 0.15x = 3.6$  $\Rightarrow x = 24$ 

## 59. Option (2) is correct.

Given data, 1, 2, 5, 9, 6, 3, 9, 7, 4, 3, 9, 1, 9, 6, 8, 1. In increasing order = 1, 1, 1, 2, 3, 3, 4, 5, 6, 6, 7, 8, 9, 9, 9, 9, Range of given data = 9 - 1 = 8

$$Median = \frac{5+6}{2} = 5.5$$

Mode = 9 (as 9 appeared maximum number of time in given data)

Now, the mean of the range, median and mode =  $\frac{8+5.5+9}{3}$ 

#### 60. Option (4) is correct.

According to the question,  $\frac{x+4}{x+12} = \frac{x-1}{x+5}$   $\Rightarrow x^2 + 9x + 20 = x^2 + 11x - 12$  $\Rightarrow x = 16$ 

So, mean proportion of x and  $x - 7 = \sqrt{16 \times 9} = 12$ 

## 61. Option (2) is correct.

Given that,

Time taken by A to fill the tank = 10 min Time taken by B to empty the tank = 12 min Let the capacity of tank = LCM(10, 12) = 60 *l* So, efficiency of pipe A =  $\frac{60}{10}$  = 6 *l*/min And efficiency of pipe B =  $\frac{60}{12}$  = -5 *l*/min Their combined efficiency for 2 mins = 6 = 5 = 1

Their combined efficiency for 2 mins = 6-5 = 1 *l*/two min So, time taken to fill 54 litres =  $54 \times 2 = 108$  min In 109<sup>th</sup> minute, pipe A will fill the remaining 6 litres. So, total time taken to fill 60 litres = 108 + 1 = 109 min

## 62. Option (4) is correct.

According to the given table,

Total male employees in company A =  $380 \times \frac{13}{13+6} = 260$ Total male employees in company B =  $420 \times \frac{4}{4+3} = 240$ So, total male employees in A and B = 260 + 240 = 500Total female employees in company E =  $280 \times \frac{5}{3+5} = 175$ So, required percentage =  $\frac{175}{500} \times 100 = 35\%$ 

## 63. Option (4) is correct.

Volume of big sphere =  $\frac{4}{3}\pi r^3 = \frac{4}{3} \times 4^3 \times \pi$ Volume of each small sphere =  $\frac{4}{3}\pi r^3 = \frac{4}{3} \times 0.2^3 \times \pi$ 

So, required number of balls = 
$$\frac{\frac{4}{3} \times 4^3 \times \pi}{\frac{4}{3} \times 0.2^3 \times \pi}$$

64. Option (3) is correct.

Given that the length and breadth are 240 m and 100 m respectively. So, area of rectangular park =  $240 \times 100 = 24000 \text{ m}^2$ According to the question, area of circular lawn =  $24000 - 3904 = 20096 \text{ m}^2$ Using, area of circle =  $\pi r^2$  $\Rightarrow 20096 = 3.14 \times r^2$  $\Rightarrow r = 80 \text{ m}$ So, perimeter of the lawn =  $2\pi r = 2 \times 3.14 \times 80 = 502.4 \text{ m}$ 

#### 65. Option (4) is correct.

The general form of the number which when divided by 21, 28, 30 and 35 leaves the same remainder 10 in each case = LCM(21, 28, 30, 35)x + 10 = 420x + 10Least value of *x* for which the above number is divisible by 17 = 2 So, required number =  $420 \times 2 + 10 = 850$ Hence, sum of digits = 8 + 5 + 0 = 13

## 66. Option (3) is correct.

Let the numbers are 3x and 5x respectively.

According to the question, 
$$\frac{3x-9}{5x-9} = \frac{12}{23}$$
  
 $\Rightarrow 69x - 207 = 60x - 108$   
 $\Rightarrow 9x = 99$   
 $\Rightarrow x = 11$ 

So, the numbers are 33 and 55.  $33 \pm 3$ 

Now, again according to the question,  $\frac{33+3}{55-7} = \frac{36}{48} = \frac{3}{4}$ 

₹P

67. Option (4) is correct.

Let the sum of amount =  
Using, SI = 
$$\frac{PRT}{100}$$
  
 $\Rightarrow 3731 = \frac{P \times 14 \times 13}{4 \times 100}$   
 $\Rightarrow P = ₹ 8200$   
According to the question

According to the question,

Now SI = 
$$\frac{8200 \times 11 \times 7}{2 \times 100}$$
 =₹ 3157

So, required amount = 8200 + 3157 = ₹ 11357

## 68. Option (3) is correct.

Number of male employees in company C =  $360 \times \frac{8}{8+7} = 192$ Number of female employees in company D =  $320 \times \frac{9}{9+11}$ = 144 So, required ratio =  $\frac{192}{9} = \frac{4}{9}$ 

o, required ratio = 
$$\frac{1}{144} = \frac{1}{3}$$

69. Option (2) is correct.

Number of female employees in company C =  $360 \times \frac{7}{8+7}$ = 168 Number of male employees in company  $E = 280 \times \frac{3}{3+5} = 105$ 

So, required percentage = 
$$\frac{(168-105)}{105} = 60\%$$

## 70. Option (2) is correct.

Given that the principal amount = ₹ 15625 Time = 11/4 years Rate = 16% annum Now for two years,

Total amount = 
$$P\left(1 + \frac{R}{100}\right)^{t} = 15625\left(1 + \frac{16}{100}\right)^{2}$$

So, CI in these two years = 21025 – 15625 = ₹ 5400

And CI earned in 
$$\frac{3}{4}$$
 years =  $21025 \left( \frac{16 \times \frac{3}{4}}{100} \right) = ₹ 2523$ 

So, total CI = 5400 + 2523 = ₹ 7923

## 71. Option (3) is correct.

Using, curved surface area of cone =  $\pi rl$ Let the radius and slant height of cone A are  $r_1$  and  $l_1$ . And the radius and slant height of cone A are  $r_2$  and  $l_2$ . According to the question,  $l_2 = 2l_1$ 

And 
$$= \frac{\pi r_i l_1}{\pi r_2 l_2} = \frac{2}{1}$$
$$\Rightarrow \frac{\pi r_i l_1}{\pi r_2 l_1} = \frac{2}{1}$$
$$\Rightarrow \frac{r_i}{r_2} = \frac{4}{1}$$

72. Option (2) is correct. The value of,  $1.25 - [1 \div \{3 + (2 - 0.4 \times 2.5)\}]$ ,

$$= 1.25 - [1 \div \{3 + (2 - 1)\}]$$
  
= 1.25 - [1 ÷ {3 + 1}]  
= 1.25 - [0.25]

73. Option (3) is correct.

Given that the selling price = ₹ 700

According to the question, MRP =  $700 \times \frac{100}{87.5} = ₹ 800$ 

Now the Selling price of the article = ₹ 800Profit percentage = 60%

So, CP = 
$$800 \times \frac{100}{160} = ₹500$$

74. Option (4) is correct.

Let Renu's income = ₹ 100 So, her savings = ₹ 30 And her expenditure = ₹ 70

Her new savings = 
$$30 \times \frac{130}{100} = ₹ 39$$

And her new expenditure =  $70 \times \frac{125}{100} = ₹ 87.5$ 

So, her new income = 87.5 + 39 = ₹ 126.5

Hence, percentage increase in her income =  $\frac{126.5-100}{100} \times 100$ = 26.5%

**75. Option (4) is correct.** According to the given question, 35SP = 35CP + 7CP

$$\Rightarrow \frac{SP}{CP} = \frac{42}{35}$$
  
So, profit percentage =  $\frac{42 - 35}{35} \times 100 = 20\%$ 

## 76. Option (4) is correct.

He decided to leave the hotel quickly'. The part 'leave very quickly the hotel' has an error and will be replaced by 'leave the hotel quickly'. There is an error in the placement of adverb; and adverb sits before or after a verb that it modifies. The sentence must have the infinitive (to) + verb (leave) + object (hotel) + adverb(quickly).

## 77. Option (2) is correct.

Centurial is marking or beginning a century. Centenarian is a person who is more than hundred years old. Centurion is an officer in the army of ancient Rome who was responsible for 100 soldiers.

## 78. Option (4) is correct.

Transparent is something that allows light to pass through so that objects behind can be distinctly seen. Example: The transparent blue water emanated serenity. The synonyms are White-coloured, milky, translucent. The antonym is opaque.

## 79. Option (4) is correct.

He has been celebrating my birthday all week! The past perfect continuous tense denotes an action that started in the past, continued in the past, and also ended at a certain point in the past. The time period 'all week' implies a continuous state of action.

## 80. Option (3) is correct.

All individuals possess the same highly developed nervous system, backbones, erect posture, hair, etc. As per the cloze test, all individuals possess same characteristics, (fixed inherited traits).

## 81. Option (3) is correct.

Therefore, variations among human beings arise only in minor changes of this basic pattern. It is evident that the minor changes attribute to variations/ differences, else all individuals possess a combination of fixed inherited traits.

## 82. Option (2) is correct.

Therefore, variations among human beings arise only in minor changes of this basic pattern. The passage asserts that all individuals have similar traits, yet changes arise, one of them being racial differences and they are slight and minor.

## 83. Option (2) is correct.

Racial differences represent one of the finest distinctions. Represent means to be an example of something; here, racial differences are an example of one of the finest distinctions.

#### 84. Option (1) is correct.

Racial differences represent one of the finest distinctions and are based only on certain slight differences. The passage asserts that all individuals have similar traits, yet minor changes arise. Out of these finest distinctions, racial difference is one. So, they can be referred as 'certain' slight differences.

## 85. Option (3) is correct.

Since we have been living in Nagpur, we are unwilling to move to another city. The present perfect continuous tense is used to talk about an action that started in the past and continues now or has only just stopped. Moreover, the conjunction 'since' is always used with perfect tense.

## 86. Option (3) is correct.

Ability refers to talent, skill. Thus, the synonym is 'Capacity'. Example: My ability to score a goal in penalty shoot outs must not be questioned.

## 87. Option (4) is correct.

Incorrigible is the correctly spelt word. It means incapable of being corrected or amended. Example: Manas, being the incorrigible self that he is, never gave up his habit of bullying the younger kids of his school.

## 88. Option (1) is correct.

In high spirits means very happy and excited. Example: All the children were in high spirits on the last day of school. So, the correct meaning is 'Feel joyful'.

## 89. Option (1) is correct.

Virtuous implies moral excellence in character. Example: Neela was a virtuous lady, who refrained from speaking ill of others. Thus, the antonym is 'Vicious'.

## 90. Option (3) is correct.

Devika is the most intelligent of them all and has managed to do well in her profession. Since Devika has managed to do well in her profession, she must have been very intelligent.

## 91. Option (4) is correct.

The errors in the typed reports were so numerous that they could hardly be overlooked. The part 'errors for' is incorrect and will be replaced by 'errors in'.'For' is used to talk about a purpose or a reason for something.

## 92. Option (1) is correct.

Contemporary is living or occurring at the same time. Example: Shakespeare was the most famous among his contemporaries.

## 93. Option (3) is correct.

Philologist is someone who studies the history of languages. Philosopher is someone engaged in the study of philosophy. Humanist is a person having a strong interest in or concern for human welfare, values and dignity. Philanthropist is one who makes an active effort to promote human welfare.

## 94. Option (4) is correct.

'Have several irons in the fire' means they are involved in several different activities or have several different plans. So, it means having too many engagements at a time. Example: I'm really happy at my job but I always keep several irons in the fire to make sure my career advances.

## 95. Option (1) is correct.

Character is personality/nature. So, the synonym is trait.

## 96. Option (1) is correct.

The rules of chess require that one has to make only one move at a time. The part 'has to makes' will be replaced by 'has to make'. The main verb 'require' (plural) will be followed by infinitive, and an infinitive always takes the base form of verb (make).

## 97. Option (3) is correct.

Since the report did not have the information needed it could not be used by them. The part 'If the report' will be replaced by 'since the report'. 'Since' is a conjunction that introduces a subordinate clause and is a conjunction of reason. (why could the report be not be used by them?) Because the report did not have the information needed).

## 98. Option (3) is correct.

Though a hero, he acted like a coward. The part 'a coward' will be replaced by 'like a coward'. "To act like" means to behave one's self in imitation of something else. We can never use the idiom "act like" with an inanimate object. With an object, we always have to use "act as."

## 99. Option (3) is correct.

Had you told me that you were in Mumbai I would have certainly contacted you instead of waiting here. The part 'could have' will be replaced by 'would have'. When if clause is in past perfect tense, the structure is: If + subject + had +  $V_3$ ...would have +  $V_3$ .

## 100. Option (3) is correct.

Suresh is interested in collecting stamps. The sentence highlights Suresh's fondness of collecting stamps. So, 'interested' is the most apparent choice.