# Target New Pattern SSC MTS MULTITASKING STAFF

(Non-Technical) Exam
7 Previous Year
Solved Papers (2022 - 14)
& 15 Practice Sets
with 3 Online Tests
90 MCQs per Mock Test



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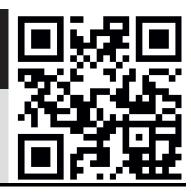
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## **3 Online MTS Mock Tests Based on SSC New Pattern**

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# 10 Principles to CRACK ANY EXAM



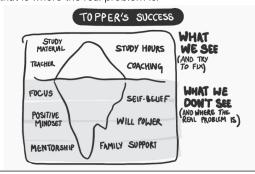
#### 1. Chase consistency, not intensity.

Doing intensive study makes your day. But it also exhausts you in the long run, leading to lesser output and added pressure. Toppers always focus on doing consistent work daily, for consistency is far more valuable than intensity. Remember consistent study of 4 hours every day is more important and powerful than studying 12 hours a day and then not studying at all for next 2 days.



#### 2. Go beyond the surface.

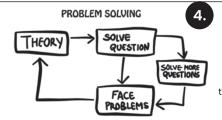
Most students only see a few reasons (teacher, coaching, books, etc) behind Toppers' success, which is only the tip of the iceberg. What they donot see is Toppers Mindset, self belief, habits and discipline and that is where the real problem is.



#### 3. Focus on giving your best, not chasing the best.

We want the best coaching, the best teacher, best batch and the best books but we are not ready to give our BEST. Success comes only when we are ready to give our best. We must focus on giving our best than chasing excuses to cover up our failures.





#### Clarity of concept is the key

Concept clarity is critical. If you cannot solve a question, you must go back to the theory and thoroughly examine the concept instead of referring to the solutions. Remember question is one of the chehra(face) of the concept. When toppers get stuck in a problem, they go back and refer the theory(read the concept again and again on which the question is based)

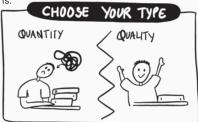
#### 5. Every failure should be a lesson learned.

Most students do not learn from their failures and repeat their mistakes. Toppers also face failures, but they learn from mistakes and elevate themselves. Making mistakes and learning from them is the key to success.



#### 6 Choosing the quality of resources is more important than quantity.

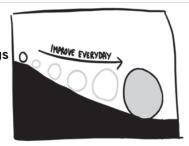
More than 90% of the questions in most books are the same as their substitutes. Instead of practicing from four books and failing to complete them, it is best to prepare from two books and complete them with thorough revisions.



Difficult things become easy

7

by taking it one day at a time.

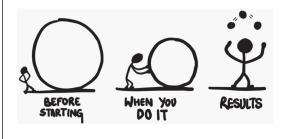


The best way to take any preparation forward is by taking it one day at a time. It makes the impossible possible by taking small steps every day.

Starting a difficult subject. No worries. Keep on working session by session, day by day and week by week and one day you will become unstoppable force.

#### 8. Everything is easy

Before starting everything looks difficult. Once you take a first step, it slowly starts looking easy and over a period of time you become master in the activity. This is toppers secret to become master in any subject.

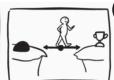


#### 9. Nobody is gifted

We think toppers are god gifted. We think toppers have high IQ. We think toppers are special/lucky. But the truth is every topper was once an average student (no body is born topper). What makes them different is their consistent and focused efforts.







10. Believe in your journey and success will come to you.

There is never a straight path to success; hard work & patience is required for the results to show up. Keep on working hard without thinking too much about the results and success will come to you eventually.

The above doodles have been taken from book, "Stop being a Maggu". Stop being a Maggu is story of 3 aspirants Abhyas (the maggu), Lakshya (the born topper), and Chunky (the romeo) where their dreams are met with failures, external hurdles, & internal conflicts – leading to an extraordinary journey of realising untapped potential & remarkable transformation.

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#### Solved Paper 2021

Held On: 06 July, 2022

Time: 1.5 Hours Max. Marks: 100

#### **SECTION-A: GENERAL ENGLISH**

1. Select the option that corrects the misspelt words in the given sentence.

I can't pitcure him figting or picking on anyone.

- (a) I can't picture him fighting or picking on anyone.
- (b) I can't pitcure him fiting or piking on anyone.
- (c) I can't pitcure him fighting or pekking on anyone.
- (d) I can't pictre him fighting or pickning on anyone
- 2. Select the most appropriate option to fill in the blank.

The boys were tired, but not too tired to examine the little hut \_\_\_\_\_\_.

The boys were tired, but not too tired to examine the little hut

- (a) weirdly
- (b) weakly
- (c) thoroughly
- (d) sluggishly
- **3.** Select the most appropriate option to fill in the blank.

It is better to be prompt and organised than to

- (a) provident
- (b) meaningless
- (c) efficient
- (d) reckless
- **4.** Select the option that will improve the underlined part of the sentence. In case no improvement is needed, select 'No improvement required'.

Why doesn't you try calling your family again?

- (a) you don't tries
- (b) doesn't you tried
- (c) don't you try
- (d) No improvement required
- **5.** Parts of the following sentence have been given as options. One of them may contain an error.

Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

The telecom growth story is a important component of the broader story of India.

- (a) No error
- (b) The telecom growth story is
- (c) the broader story of India.
- (d) a important component of
- **6.** Select the most appropriate ANTONYM of the underlined word.

Their reverence reaches its <u>zenith</u> here at the birthplace of the country's founder.

- (a) crest
- (b) Nadir
- (c) horizon
- (d) pinnacle
- 7. Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'.

His mouth <u>left open as he realise</u> the truth.

- (a) fell open as he perceived
- (b) felt opened as he perceive
- (c) was felt opened as he realise
- (d) No improvement required
- **8.** The following sentence has been divided into parts. One of them may contain an error.

Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

Solar storms can / impact Earth-dwellers / in significantly ways.

- (a) Solar storms can
- (b) impact Earth-dwellers
- (c) No error
- (d) in significantly ways

9. Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'.

I noticed some strawberries grown in which of the gardens.

- (a) growing in which of
- (b) grows upon one of
- (c) No improvement required
- (d) growing in one of
- **10.** Select the most appropriate synonym of the given word.

Random

- (a) Definite
- (b) Continuous
- (c) Systematic
- (d) Chance
- 11. Select the option that can be used as a one-word substitute for the given group of words. Deliberately and maliciously set something (buildings usually) on fire
  - (a) Agrarian
- (b) Arson
- (c) Ambush
- (d) Apex
- **12.** Select the option that will improve the underlined part of the sentence. In case no improvement is needed, select 'No improvement required'.

He stood <u>up from their</u> chair to signal the end of the meeting.

- (a) up from his
- (b) upon of his
- (c) No improvement required
- (d) below in their
- 13. Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'.

Shubham and <u>I were watching</u> football match in our bedroom.

- (a) I were watched
- (b) I was watching
- (c) me is watching
- (d) No improvement required
- **14.** Select the correctly spelt word.
  - (a) Influnce
- (b) Influence
- (c) Influance
- (d) Influennce
- **15.** Select the most appropriate meaning of the given idiom.

Out for the count

- (a) Very expensive
- (b) Prepared for battle
- (c) In a deep, insensible sleep
- (d) Ready for scrutiny

**16.** Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'.

Although the waters may have receded, the aftermath of one of the world's biggest natural disaster had only just begun.

- (a) the aftermath of one of the world's biggest natural disasters
- (b) No improvement required
- (c) the aftermath of one of the worlds' biggest natural disasters has
- (d) the aftermath of one of the worlds' biggest natural disaster
- **17.** Select the most appropriate synonym of the given word.

Modest

- (a) Bold
- (b) Humble
- (c) Dismal
- (d) Grave
- **18.** The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

Most of the / freshwater lake in India / are in the / Himalayan region.

- (a) Himalayan region
- (b) Most of the
- (c) are in the
- (d) fresh water lake in India
- **19.** Select the most appropriate ANTONYM of the given word.

Refute

- (a) Endorse
- (b) Acknowledge
- (c) Deny
- (d) Dispute
- **20.** Select the most appropriate meaning of the given idiom.

Draw the line

- (a) To accept someone's idea
- (b) To give a second chance
- (c) To move on from a past relationship
- (d) To set a limit on something

**DIRECTION:** In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

The Government is taking seriously the (1) \_\_\_\_\_\_ of road safety and is committed to reducing the number of people killed in accidents. Forums are being conducted (2) \_\_\_\_\_ to bring law-makers, law enforcement officers and road users together to

discuss ways to (3)	the rise in roa	ad accidents.
Everyone agrees that more	e needs to be d	done on road
safety in its determination	to (4)	_ the rate of
road accidents in the count	ry. The Gover	nment, with
the cooperation of relev	ant agencies	, is making
serious (5) to ins	til proper roa	d culture in
children, young adults and	l the public in	general.

- **21.** Select the most appropriate option to fill in blank number 1.
  - (a) release
- (b) residue
- (c) issue
- (d) site
- **22.** Select the most appropriate option to fill in blank number 2.
  - (a) regularly
- (b) habitually
- (c) terminally
- (d) rarely
- **23.** Select the most appropriate option to fill in blank number 3.
  - (a) confess
- (b) tackle
- (c) conduct
- (d) deal
- **24.** Select the most appropriate option to fill in blank number 4.
  - (a) curb
- (b) lure
- (c) incite
- (d) promote
- **25.** Select the most appropriate option to fill in blank number 5.
  - (a) acknowledgements
- (b) powers
- (c) efforts
- (d) struggles

#### SECTION-B: GENERAL INTELLIGENCE AND REASONING

**26.** Select the number from the given options that can replace the question mark (?) in the following series.

205, 222, 241, 264, 293, ?

- (a) 346
- (b) 324
- (c) 328
- (d) 334
- 27. In a certain code language, 'TYR' is coded as '65', and 'GAP' is coded as '26'. How will 'MOJ' be coded in that language?
  - (a) 40

(b) 41

- (c) 38
- (d) 39

28. Select the option that is related to the sixth word in the same way as the first word is related to the second word and the third word is related to the fourth word.

Speech: Dumb:: Sight: Blind::?: Deaf

- (a) Sound
- (b) Vibrations
- (c) Voice
- (d) Language

- 29. In a certain code language, 'Floors white marble' is written as 'tp aj pr', 'Tyre are hard white' is written as 'pr qs tr ak' and 'Marble are shiny' is written as 'tp tr 6'. What is the code for 'Shiny floors' in that code language?
  - (a) traj
- (b) 6 ak
- (c) aj 6
- (d) 6 pr
- **30.** Which of the mathematical signs should be interchanged in the given equation to make it mathematically correct?

$$31 \div 14 \times 9 + 3$$
 "  $7 = 66$ 

- (a)  $\div$  and +
- (b)  $\div$  and  $\times$
- (c)  $-and \times$
- (d) and +
- **31.** Select the option in which the two numbers are related in the same way as are the numbers in the give number pair.

31:48

- (a) 29:44
- (b) 43:62
- (c) 53:74
- (d) 37:54
- **32.** Select the figure from the given options that can replace the question mark (?) in the following series.

- (a) × + ÷
- (c) + x . ÷
- (d) ÷ | x
- 33. Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

Some tablets are laptops.

Some laptops are computers.

Conclusions:

- I. Some tablets are computers.
- II. Some laptops are not tablets.
- (a) Only conclusion I follows.
- (b) Both conclusions I and II follow.
- (c) Neither conclusion I nor II follows.
- (d) Only conclusion II follows

**34.** Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

16: 38:: 26: 58:: 37: ?

- (a) 78
- (b) 76
- (c) 74
- (d) 80
- 35. The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figure. How would this paper look when unfolded?















**36.** Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

GOOD: HSXT:: BEST: CIBJ:: COOL:?

- (a) DSSB
- (b) DSXZ
- (c) DSZB
- (d) DSXB
- **37.** Select the option in which the pair of letter-clusters share the same relationship as that shared by the given pair of letter-clusters.

MOB: KMZ::?

- (a) AJK: YHN
- (b) LOP: JMN
- (c) BND:DLB
- (d) STB: PRZ
- **38.** Select the figure from the options that can replace the question mark (?) and complete the pattern.











**39.** Select the option figure in which the given figure is embedded



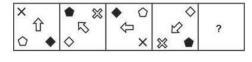








- **40.** In a certain code language, 'CYLINDER' is written as 'CYLJNDFR', 'CERTAIN' is written as 'CFRTBJN', and 'PURPOSE' is written as 'PVRPPSF'. How will 'QUEUEING' be written in that language?
  - (a) QFVFVJNG
- (b) QVFVEJNG
- (c) RVFVEJNG
- (d) QVFVFJNG
- **41.** Select the figure from among the given options that can replace the question mark (?) in the following sets.











42. Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

- I. Some blue are red.
- II. Some green are red.

**Conclusions:** 

- I. No blue is green.
- II. No red is green.
- (a) Only conclusion I follows
- (b) Both conclusions I and II follow
- (c) Only conclusion II follows
- (d) Neither conclusion I nor II follows

- In a certain code language, '587' is written as 'see good pictures', '539' is written as 'good and beautiful', and '967' is written as 'pictures are beautiful'. What is the code for the word 'see' in that language?
  - (a) 8

(b) 7

(c)

- (d) 5
- 44. Select the option that can replace the question mark (?) in the following series.

B, D, G, L, S, ?

(a) E

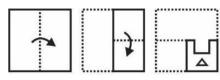
(b) F

(c) D

- (d) C
- Seven boys J, M, N, K, P, L and O sit in a row facing the South (but not necessarily in the same order). K sits fifth to the left of J. K does not sit at any of ends. L sits exactly in the middle of the row. L sits third to the right of M. Only two boys sit between O and P. O is not the immediate neighbour of L.

Three of the following are similar by a certain logic and form a group. Which of the following does NOT belong to that group?

- (a) NJ
- (b) PN
- (c) LO
- (d) KM
- After interchanging the two numbers 3 and 6, what will be the value of the given expression?  $12\times3\div6+8-2$ 
  - (a) 15
- (b) 25
- (c) 30
- (d) 20
- Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.
  - 23:72::38:117::46:?
  - (a) 138
- (b) 156
- 141 (c)
- 122 (d)
- **48.** The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?







- 49. The weight of seven boys B1, B2, B3, B4, B5, B6 and B7 are compared. The weight of B5 is less than only one boy and more than that of B6. The weight of B4 is neither more nor less than B6 but more than B1, B7, B3.

Who weighs the most?

- (a) B5
- (b) B2
- (c) B6
- (d) B1
- **50.** Seven sisters, Anita, Babita, Sunita, Dixita, Rita, Lalita and Geeta are standing in a row facing north. Lalita is standing to the immediate right of Rita who stands fourth to the right of Geeta. Only Sunita stands exactly between Babita and Dixita. Dixita stands at the middle position. Who stands at the rightmost position?
  - (a) Lalita
- (b) Anita
- (c) Geeta
- (d) Sunita

#### **SECTION-C: NUMERICAL APTITUDE**

51. If  $A = \frac{1}{2} + \frac{1}{3} \times \frac{1}{4} \div \frac{1}{5}$  and  $B = \frac{1}{2} \div \frac{1}{3} \times \frac{1}{4} + \frac{1}{5}$ , then

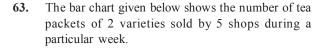
what is the value of A - B?

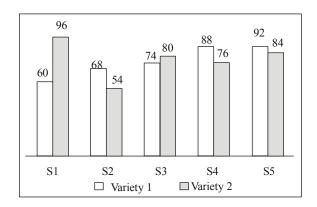
- 52. The perimeter of a square is equal to the perimeter of a rectangle, and the latter has a width of 12 cm. The area of the square is 400 cm<sup>2</sup>. Find the area of the rectangle.
  - $412 \text{ cm}^2$
- (b)  $394 \text{ cm}^2$
- (c)  $324 \text{ cm}^2$
- (d)  $336 \text{ cm}^2$
- 53. In a competitive exam, the minimum qualifying percentage for Category A and Category Bjobs are 25% and 45% respectively. A candidate scored 83 marks and failed to get a Category B job by 25 marks. What is the mimimum qualifying marks to secure a Category A job?
  - 55 (a)
- (b) 60
- (c) 50
- (d) 65

- 54. If  $\frac{32 \div 16 5 \times 2}{11 \div 22 \times 8 5 \times 2} = \frac{1}{P}$ , then what is the value of P?
  - (a)  $\frac{4}{3}$
- (b)  $\frac{3}{2}$
- (c)  $\frac{3}{4}$
- (d)  $\frac{4}{5}$
- **55.** If the total surface area of a sphere of radius r cm is equal to the total surface area of a cube of side 5 cm. which of the following is true?
  - (a) r > s
- (b)  $r \ge s$
- (c) r = s
- (d) r < s
- 56. The average salary of 12 employees in a company to be ₹ 20,000. If the salary of the manager is also included, then
  - (a) ₹ 36,000
- (b) ₹46,000
- (c) ₹28,000
- (d) ₹42,000
- 57. Umesh earns a simple interest of ₹ 1,600 on a certain sum in two years at the rate of 4% interest per annum compounded annually?
  - (a) ₹48
- (b) ₹64
- (c) ₹32
- (d) ₹20
- 58. The average of a set of 20 members is P. If one of the numbers from the set is replaced with 58, then the average becomes (P-2). What is the value of the number that is replaced?
  - (a) 98
- (b) 94
- (c) 60
- (d) 104
- **59.** The diameter of a circle is 112 cm. What is the

circumference of this circle? Use  $\pi = \frac{22}{7}$ 

- (a) 256 cm
- (b) 396 cm
- (c) 416 cm
- (d) 352 cm
- **60.** If the selling price of a shirt is reduced from ₹ 440 to ₹ 410, the loss increases by 4%. What is the cost price of the shirt?
  - (a) ₹650
- (b) ₹750
- (c) ₹450
- (d) ₹500
- 61. The marked price of a table is 130% of its cost price. A discount of 20% is given on the sale of the table. What will be the profit percentage?
  - (a) 6%
- (b) 8%
- (c) 5%
- (d) 4%
- 62. A fan is sold for ₹ 1,560 at a profit of 30%. If its selling price is ₹ 960, then what will be loss percentage?
  - (a) 30%
- (b) 20%
- (c) 10%
- (d) 25%





What is the average number of tea packets sold per shop, both the varieties take together?

- (a) 154.4
- (b) 152.8
- (c) 157.6
- (d) 149.2
- **64.** S is 20% more than T. T is 10% less than U. What is the ratio of S to U?
  - (a) 27:25
- (b) 23:19
- (c) 25:21
- (d) 29:24
- **65.**  $P_1$  alone can do  $\frac{2}{3}$  of the work in 8 days,  $P_2$  alone

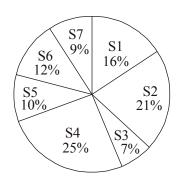
can do  $\frac{7}{12}$  of the work in 14 days. P<sub>3</sub> alone can do

 $\frac{8}{12}$  of the work in 16 days. In how many days can

they complete the work, if all three work together?

- (a)  $\frac{60}{19}$  days
- (b)  $\frac{120}{19}$  days
- (c)  $\frac{100}{17}$  days
- (d)  $\frac{80}{17}$  days
- **66.** The LCM of two positive integers is twice the larger number and the HCF of the two numbers is 3. The smaller number is:
  - (a) 6

- (b) 10
- (c) 9
- (d) 8
- 67. The following pie chart shows the number of bags sold by 7 different shops during a months as percentage of the total number of bags sold during this month by these 7 shops taken together.



If the total number of bags sold during the given month by these 7 shops taken together was 1400, then what was the total number of bags sold by S3 and S7 taken together?

- (a) 240
- (b) 196
- (c) 224
- (d) 210
- 68. The average weight of A, B and C is 52 kg. If the average weight of B and C is 44 kg and that of C and A is 46 kg, then what will be the weight of C?
  - (a) 24 kg
- (b) 38 kg
- (c) 36 kg
- (d) 68 kg
- 69. The speed of a boat in still water is 10 km/h. The speed of the stream is 2 km/h. What is the total distance that the boat will travel if it is rowed for 4 hours upstream and 3 hours downstream?
  - (a) 70 km
- (b) 72 km
- (c) 64 km
- (d) 68 km
- 70. The table below shows the number of overs bowled and the number of wickets taken by five bowlers in a match.

Bowler	Overs	Wickets
Jadeja	8	3
Jaspreet	6	2
Bumrah	5	1
Pan dya	4	3
Ashwin	6	1

If in each over every bowler bowled 6 balls, in that match which bowled the highest number of balls per wicket taken by him?

- (a) Jadeja
- (b) Bumrah
- (c) Ashwin
- (d) Jaspreet
- What number must be subtracted from each of the numbers 55, 23, 43 and 19, so that the new values in proportion?
  - (a) 9
- (b) 11

(c) 7

(d) 5

- The price of diesel increases by 5% every year. If the current price of diesel is ₹80 per litre, then what will be the price of diesel per litre after 2 years?
  - (a) ₹86.8
- (b) ₹92.5
- (c) ₹90.5
- (d) ₹88.2
- A person has some coins of  $\ge$  10.  $\ge$  5 and  $\ge$  2 denomination. The ratio of the products of the numbers of ₹ 10 and ₹ 5 coins, and the numbers of ₹ 5 and ₹ 2 coins, and the numbers of ₹ 2 and ₹ 10 coins is 3:4:2 respectively. What could be the minimum amount of money this person has?
  - (a) ₹52
- (b) ₹88
- (c) ₹68
- (d) ₹74
- A can do a peice of work alone in 30 days. B is 25% 74.

less efficient than A. While C is  $33\frac{1}{2}\%$  more

efficient than B. In how many days can A, B and C, working together, complete the work?

- (a)  $\frac{150}{11}$  days (b)  $\frac{120}{11}$  days
- (c)  $\frac{140}{11}$  days
- (d)  $\frac{130}{11}$  days
- A man row downstream at a speed of 15 km h and 75. upstream at 11 km/h. Find his speed in still water and the speed of the current, respectively. [Give both your answers in km/h]
  - (a) 13:5
- (b) 11:4
- (c) 13:2
- (d) 13:6

#### **SECTION-D: GENERAL AWARENESS**

- Alluri Sitaram Raju was a tribal freedom fighter from which state of India?
  - (a) Bihar
- (b) Maharashtra
- (c) Andhra Pradesh
- (d) Gujarat
- Which country will host the FIFA World Cup 2022?
  - (a) China
- (b) South Africa
- (c) Qatar
- (d) England
- Which organisation in India, Issues currency 78. note of value rupee one?
  - Imperial Bank of India
  - **Indian Industrial Finance Corporation**
  - Finance Minister
  - (d) Central Bank of India
- Which of the following elements has the largest atomic radii?
  - (a) Beryllium
- (b) Lithium
- (c) Nitrogen
- (d) Carbon

#### SSC Multitasking Solved Paper 2021

			<u> </u>		
80.	Who won a gold medal for India in the javelin throw event at Tokyo Olympics 2020?		The state legislative assembly has a strength of, with exceptions for smaller states.		
	(a) Sumit Antil (b) Shivpal S	ingh	(a) 600 to 1000 (b) 60 to 500		
	(c) Neeraj Chopra (d) Ajeet Sin	•	(c) 50 to 400 (d) 10 to 100		
	Yadav	91.	Who among the following freedom fighters o		
81.	In which type of Megalith (grave/memoria	l)	India revived the Indian National Army 'Azad		
	were the stone pieces set in a circular shap		Hind Fauj' (which was formed in 1942 by Rasl		
	around the grave?		Behari Bose and Captain-General Mohan Singh		
	(a) Cairn circle (b) Dolmen		in the year 1943?		
	(c) Rock cut cave (d) Menhir		3		
<b>82.</b>	Who among the following was Akbar's rev	enue	(a) Mahatma Gandhi (b) Jawaharlal Nehru		
	minister?				
	(a) Tansen (b) Todar Ma	1	(c) Bhagat Singh (d) Subhas		
	(c) Raja Man Singh (d) Birbal	02	Chandra Bose		
83.	The feature of Fundamental Rights in the Ir	dian <b>92.</b>	Sattriya is a classical dance form of which		
	Constitution is borrowed from the Constituti	on of	Indian state?		
	(a) Australia		(a) Manipur (b) Karnataka		
	(b) Britain		(c) Assam (d) Kerala		
	(c) Ireland	93.	Which countries hosted the matches played in		
	(d) United States of America		the 2021 ICC Men's T20 World Cup?		
84.	Sundari trees are found in the		(a) Egypt and Ethiopia		
	(a) Mahanadi delta		(b) India and Bangladesh		
	(b) Ganga-Brahmaputra delta		(c) United Arab Emirates and Oman		
	(c) Godavari delta		(d) Bangladesh and Sri Lanka		
o =	(d) Muthupet delta	94.	Which of the following rivers of India drains		
85.	In which state of India is the Natyanjali fes	tıval	into the Bay of Bengal?		
	celebrated?		(a) Tapi (b) Godavari		
	(a) Goa (b) Tamil Nac		(c) Narmada (d) Mahi		
0.6	(c) Uttar Pradesh (d) Rajasthar	77	Who among the following Indian dancers wa		
86.	The number of females per 1000 males in the	ne	the first woman in Indian history to be nominated		
	population is called the		as a member of the Rajya Sabha?		
	(a) birth rate (b) sex ratio	4.	(a) Rukmini Devi Arundale		
07	(c) death rate (d) literacy ra		(b) Madhuri Dixit		
87.	Who is the author of the book 'Gone Girl'' (a) Damon Galgut (b) Gillian Fly		(c) Mallika Sarabhai		
	(a) Damon Galgut (b) Gillian Fly (c) Yann Martel (d) Anna Bur		(d) Saroj Khan		
88.	includes all non-living compon		The Jagananna Smart Township scheme was		
00.	such as air, cloud, dust, land, mountains, ri	cirus,	launched by which state government of India		
	temperature, humidity, water, water vapour,		(a) Madhya Pradesh (b) Punjab		
	etc.	sarra,	(c) Odisha (d) Andhra		
	(a) Biotic environment		Pradesh		
	(b) Abiotic environment	97.	As of April 2022, what is the capital of India'		
	(c) Artificial environment	71.	neighbouring country Bhutan?		
	(d) Healthy environment		(a) Thimphu (b) Dhaka		
89.	Name the album for which Pandit Ravi Sha	nkar	(c) Beijing (d) Paro		
·	won the Grammy award in 1967.	98.			
	(a) Three Ragas	70.	Which of the following glands/organs in		
	(b) West Meets East		human body secretes bile juice?		
	(c) Concert for Bangladesh		(a) Pancreas (b) Liver		
	(d) Full circle		(c) Pituitary (d) Pineal		

- **99.** Bonalu is a Hindu festival celebrated to worship Goddess Mahakali in which of the following states?
  - (a) Telangana
  - (b) Assam

- (c) Kerala
- (d) Madhya Pradesh
- **100.** The steep rocky coast rising almost vertically above sea water is called
  - (a) sea caves
- (b) sea cliff
- (c) sea arches
- (d) ox-bow lake

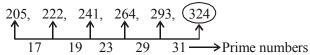
#### **Hints & Explanations**

- 1. (a) Fighting is the correct spelling.
- 2. (c) We examine something thoroughly in order to study something carefully and in great detail.
- 3. (d) As per the context of the sentence, option (d) is correct. Reckless means: careless.
- 4. (c) As the subject of the sentence is you, it will take don't with it as per the general grammar rules. Correct sentence: Why don't you try calling your family again?
- **5. (d)** Here, we need an article before important. Correct sentence: The telecom growth story is an important component of the broader story of India.
- **6. (b)** Zenith means: Top, pinnacle and apogee. Nadir means: the lowest point, Rock-bottom etc.
- 7. (a) Someone's mouth fell open means: someone was very surprised. Hence, option (a) is correct. Correct sentence: His mouth fell open as he perceived the truth.
- 8. (d) Significant is an adjective whereas significantly is an Adverb and we need Adjective here to make the sentence correct.

  Correct sentence: Solar storms can impact earth dwellers in significant ways.
- **9. (d)** Growing is a gerund that should be used here. Correct sentence: I noticed some strawberries growing in one of the gardens.
- **10. (d)** Synonyms of Random are: chance, arbitrary and unsystematic.
- 11. (b) Arson is a criminal act of deliberately setting fire to property. The apt One word substitution here will be Arson. Example: The cause of the fire has not yet been determined, but investigators suspect arson.

- 12. (a) We need to show possession here, so we will use possessive pronoun 'his', as he was sitting on his chair. Correct sentence: He stood up from his chair to signal the end of the meeting.
- 13. (d) The given sentence is an example of subjective case pronoun. Hence, no improvement required.
- **14. (b)** Correctly spelled word: Influence.
- **15. (c)** Out for the count: In a deep, insensible sleep or unconsciousness.
- **16.** (a) Option (a) is correct as the structure is: One of the + plural nouns.
- 17. (b) Modest means: humble and self depreciating.
- 18. (d) We use 'most + of the + plural noun' to talk about the majority of the people or things in a group. Correct statement: Most of the freshwater lakes in India are in the Himalayan region.
- **19. (a)** Refute means: Demolish and debunk. Endorse means: validate.
- **20. (d)** Draw the line means: To set a limit on something.
- **21. (c)** As per the context, issue is correct.
- **22. (a)** Regularly is the apt answer, as the issue of road safety is being taken seriously by the government on regular basis.
- **23. (b)** Tackle is the most appropriate option as it means: block and stop.
- **24.** (a) Curb is apt option as it means: control and suppress.
- **25. (c)** Efforts is the right answer as it refers to the attempts made by the government along with other agencies to reduce road accidents in the country.

#### 26. (b)



- 27. (a) T+Y+R=65 (given) 20+25+18=65-2=63 G+A+P=26 (given) 7+1+16=26-2=24 M+O+J=13+15+10=38+2=40
- 28. (a) A person withour 'speech' = Dumb
  A person without 'sight' = Blind
  Similarly:A person without 'sound' = Deaf
- 29. (c) Floors white marble = tp aj pr Tyre are hard white = pr qs tr ak Marble are shiny = tp tr 6 Marble  $\Rightarrow$  tp are  $\Rightarrow$  tr shiny  $\Rightarrow$  6 white  $\Rightarrow$  Pr Floors  $\Rightarrow$  aj Shiny floors  $\Rightarrow$  aj 6
- 30. (a)  $31 \div 14 \times 9 + 3 7 = 16$ Choose option (a)  $31 + 14 \times 9 \div 3 - 7 = 66$   $31 + 14 \times 3 - 7 = 66$  31 + 42 - 7 = 66 73 - 7 = 6666 = 66 Option (a) is correct.
- 31. (d) 31:48
  Difference is 48-31=17Taking Option (d)
  Difference is 54-37=17Option (d) is correct.
- 32. (d)  $\frac{|+| \cdot | \times |+| \cdot | \cdot | \div | \times | \times | \times | \times | \times | \times |}{|+| \times | \cdot | + | \times | \times | \times |}$  In the second figure :- '+' sign is moving one steps

In the third figure :- '+' sign is moving two steps

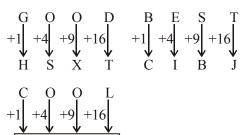
In the fourth figure :- '+' sign is moving three steps

In the fifth figure :- '+' sign is moving four steps

33. (c) Tablets Laptops Computers

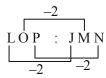
Hence:- Neither conclusion I nor II follows.

- 34. (d) 16:38::26:58::37:?  $16 \times 2 + 6 = 38$   $26 \times 2 + 6 = 58$   $37 \times 2 + 6 = 80$ Option (d) is correct.
- **36.** (d) GOOD: HSXT::BEST:CIBJ::COOL:?



37. **(b)**  $M \circ B : K M Z \\ -2 -2$ 

Similary: Option (b)



38. (a)

Option (a) is correct.

39. (b)



Option (b) is correct.

**40. (d)** CYLINDER

CYLJNDFR

Vowles are charged with the next alphabet. Similarly:-

Q U E U E I N G Q V F V F J N G

In second figure :- 'x' chages into and ' $\approx$ ' moves one step

In third figure :- ' $\approx$ ' changes in to 'x' and moves one step

Hence: option (a) is correct.

42. (d) Blue Red Green

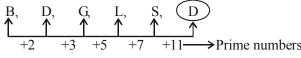
Option (d) is correct

Neither conclusion I nor II follows.

43. (a) '5 8 7' = Seed good pictures
'5 3 9' = good and beautiful
'9 6 7' = Pictures are beautiful
good = 5
pictures = 7
see = 8

Option (a) is correct.

44. (c)



45. (d) J O N L P K M

'J' is sitting second to the right of 'N'

'N' is sitting second to the right of 'P'

'O' is sitting second to the right of 'L'

But

'M' is not sitting to the right of 'K'.

Optiong (d) is correct

**46.** (c)  $12 \times 3 \div 6 + 8 - 2$ 

After interchanging the two numbers '3' and '6'

 $12\times 6 \div 3 + 8 - 2$ 

 $12 \times 2 + 8 - 2$ 

24 + 8 - 2

32 - 2

30

**47. (c)** 23:72::38:117::46:?

 $23 \times 3 + 3 = 72$ 

 $38 \times 3 + 3 = 117$ 

Similarly:-

 $46 \times 3 + 3 = \boxed{141}$ 

48. (c)

Optiong (c) is correct

**49. (b)**  $B_2 > B_5 > B_6 = B_4 > B_1 / B_7 / B_3$ 

Option (b) is correct

Option (b) 'Anita' stands at the right most position.

51. (c)  $A = \frac{1}{2} + \frac{1}{3} \times \frac{1}{4} \div \frac{1}{5} - \frac{1}{6} A = \frac{1}{2} + \frac{1}{3} \times \frac{5}{4} - \frac{1}{6}$ 

 $A = \frac{1}{2} + \frac{5}{12} - \frac{1}{6} A = \frac{6+5-2}{12}$ 

 $\therefore \boxed{A = \frac{9}{12} = \frac{3}{4}}$ 

 $B = \frac{1}{2} \div \frac{1}{3} \times \frac{1}{4} + \frac{1}{5} B = \frac{3}{2} \times \frac{1}{4} + \frac{1}{5}$ 

$$B = \frac{3}{8} + \frac{1}{5}$$

$$B = \frac{15 + 8}{40} B = \frac{23}{40}$$

$$\therefore A - B = \frac{3}{4} - \frac{23}{40} = \frac{30 - 23}{40} = \frac{7}{40}$$

52. (d) Area of square =  $400 \text{ cm}^2$ Width of a rectangle = 12 cm

Side of a square =  $\sqrt{\text{Area of square}}$ 

$$=\sqrt{400}$$

$$=20 \,\mathrm{cm}$$

Perimeter of a square = Perimeter of a rectangle

$$4a = 2(l+b)$$

$$4 \times 20 = 2 (l+12)$$

$$40 = l + 12$$

$$l = 28$$
 cm

Area of rectangle  $\Rightarrow l \times b \Rightarrow 12 \times 28 = 336$  cm<sup>2</sup>

53. (b) Minimum qualifying percentage for category A and category B are 25% and 45%
 A candidate scored = 83 marks
 failed to get category B job by ⇒ 25 marks

$$\frac{.83 + 25}{45} \times 100 \Rightarrow \frac{108}{45} \times 100 \Rightarrow 240$$

Minimum qualifing marks to secure category A Job

$$=240 \times \frac{25}{100}$$

$$=60 \, \mathrm{Ans}$$

**54.** (c) 
$$\frac{32 \div 16 - 5 \times 2}{11 \div 22 \times 8 - 5 \times 2} = \frac{1}{P}$$

$$\frac{2-10}{\frac{1}{2} \times 8-10} = \frac{1}{P}$$

$$\frac{-8}{4-10} = \frac{1}{P}$$

$$\frac{\cancel{8}}{\cancel{6}} = \frac{1}{P}$$

$$P = \frac{3}{4}$$

**55. (d)** Total surface area of a sphere = total surface area of a cube

$$4\pi r^2 = 6s^2$$

$$2\pi r^2 = 3s^2$$

$$\frac{\pi r^2}{s^2} = \frac{3}{2}$$
 (multiplying and dividing by  $\pi$ )

$$\frac{\pi r^2}{s^2} = \frac{3\pi}{2\pi}$$

$$\pi r^2 = 3\pi / s^2 = 2\pi$$

$$\boxed{r = \sqrt{3}} \quad s = \sqrt{2 \times 3.14}$$

$$s = \sqrt{6.28}$$

Option (d). It is true.

**56. (b)** Let total salary of 12 employees is  $\Rightarrow$  T<sub>12</sub>

$$\frac{T_{12}}{12} = 20000$$

$$T_{12} = 2,40,000$$

$$\frac{T_{12} + M}{13} = 22000 \{M \rightarrow Manager's salary\}$$

$$2,40,000 + M = 2,86,000$$

$$M = 2,86,000 - 2,40,000$$

$$M = 46,000 \, Rs.$$

57. (c) Simple Interest of two years  $\Rightarrow$  Rs. 1600 Simple interest of one year  $\Rightarrow$  Rs. 800 Rate of interest  $\Rightarrow$  4% per annum

Principal 
$$\Rightarrow \frac{800}{4} \times 100 = \text{Rs. } 20,000$$

Compound interest of two years

$$= 20000 \times \frac{104}{100} \times \frac{104}{100} - 20,000$$

$$\Rightarrow$$
 21632 - 20,000

⇒Rs. 1632

He would have earned more interest

$$\Rightarrow$$
 1632 – 1600

$$\Rightarrow$$
 Rs. 32

**58.** (a)  $T_{20} \Rightarrow \text{Total of } 20 \text{ numbers}$   $P \Rightarrow \text{Average of } 20 \text{ numbers}$ 

$$\frac{T_{20}}{20} = P [T_{20} = 20P]$$

$$\frac{T_{20} - x + 58}{20} = P - 2$$

$$20p - x + 58 = 20p - 40$$

$$x = 40 + 58$$

$$x = 98$$

**59.** (d) Diameter = 2 r

$$2r = 1/2$$

$$r = 56$$
 cm

Circumference of a circle  $\Rightarrow 2\pi r$ 

$$\Rightarrow 2 \times \frac{22}{7} \times 56$$

$$\Rightarrow$$
 352 cm

**60. (b)** Cost price of the shirt

$$\Rightarrow \frac{440 - 410}{4} \times 100$$

$$\Rightarrow \frac{30}{4} \times 100$$

$$\Rightarrow$$
 Rs. 750

**61.** (d) Let: the cost price of a table  $\Rightarrow$  100 Marked price  $\Rightarrow$  180

Selling price 
$$\Rightarrow$$
 130  $\times \frac{80}{100}$ 

Profit  $\Rightarrow$  Selling price – Cost price

$$\Rightarrow$$
 104 – 100

$$\Rightarrow 4$$

Profit% = 
$$\frac{\text{Pr ofit}}{\text{CP}} \times 100 \Rightarrow \frac{4}{100} \times 100 = 4\%$$

Selling Price of a fan is  $\Rightarrow$  1560 Rs. Profit%  $\Rightarrow$  30 %

$$Cost Price \Rightarrow \frac{1560}{130} \times 100$$

$$CP \Rightarrow Rs. 1200$$

New SP 
$$\Rightarrow$$
 960

$$Loss \Rightarrow CP - SP$$

$$\Rightarrow$$
 1200 - 960

$$\Rightarrow$$
 240 Rs.

$$Loss\% = \frac{Loss}{CP} \times 100 \Rightarrow \frac{240}{1200} \times 100 = 20\%$$

**63.** (a) The average of tea packets (Variety 1)

$$\Rightarrow \frac{60+68+74+88+92}{5}$$

$$\Rightarrow \frac{382}{5}$$

$$\Rightarrow$$
 76.4

The Average of tea packets (variety 2)

$$\Rightarrow \frac{96+54+80+76+84}{5}$$

$$\Rightarrow \frac{390}{5}$$

Total of the average of the both the varieties  $\Rightarrow$  76.4 + 78 = 154.4

S:U

108:100

**65. (b)** P<sub>1</sub> alone can complete the work

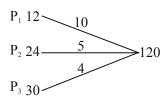
$$\Rightarrow 8 \times \frac{3}{2} = 12 \text{ days}$$

P, alone can complete the work

$$\Rightarrow 14 \times \frac{12}{7} = 24 \text{ days}$$

P<sub>3</sub> alone can complete the work

$$\Rightarrow 16 \times \frac{15}{8} = 30 \text{ days}$$



All three can complete the work together in

$$\Rightarrow \frac{120}{19}$$
 days

66. (a) HCF of two numbers is  $\Rightarrow 3$ Larger number  $\Rightarrow 3a$ Smaller number  $\Rightarrow 3b$ LCM  $\Rightarrow (3a) \times 2$ 

$$3 \times a \times b \Rightarrow 6 \times a$$

$$b \Rightarrow 2$$

The smaller number is  $\Rightarrow 3b \Rightarrow 3 \times 2 \Rightarrow 2 \Rightarrow 6$ 

67. (c) Total number of bags sold during the month ⇒ 1400

Bags sold by 
$$S_3 \Rightarrow 1400 \times \frac{7}{100} \Rightarrow 98$$

Bags sold by 
$$S_7 \Rightarrow 1400 \times \frac{9}{100} \Rightarrow 126$$

Total number of bags sold by  $S_3$  and  $S_7 \Rightarrow 224$  Ans.

**68.** (a) 
$$\frac{A+B+C}{3} = 52$$
 (given)

$$A + B + C = 156$$

$$\frac{B+C}{2}$$
 = 44 (given)

$$B + C = 88 \dots (I)$$

$$\frac{C+A}{2} = 46 \text{ (given)}$$

$$C + A = 92 ....(II)$$

By adding eq (I) and eq (II)

$$B+C+C+A=88+92 \{A+B+C=156\}$$

$$C = 180 - 156$$

$$C = 24$$
 Kg

69. (d) The speed of boat in still water  $\Rightarrow$  10 km/h The speed of steams is  $\Rightarrow$  2 km/h Distance travelled in 4 hours (upstream)

$$\Rightarrow (10-2) \times 4$$

$$\Rightarrow$$
 8 × 4  $\Rightarrow$  32 km

Distance travelled in 3 hours (down stream)

$$\Rightarrow (10+2) \times 3$$

$$\Rightarrow$$
 12 × 3  $\Rightarrow$  36

Total distance travelled  $\Rightarrow$  32 + 36  $\Rightarrow$  68 km

70. (c) Number of balls per wicket  $\Rightarrow \frac{\text{Overs} \times 6}{\text{Wickets}}$ 

Jadeja 
$$\Rightarrow \frac{8 \times 6}{3} = 16$$

Jaspreet 
$$\Rightarrow \frac{6 \times 6}{2} = 18$$

Bumrah 
$$\Rightarrow \frac{5 \times 6}{1} = 30$$

Pandya 
$$\Rightarrow \frac{4 \times 6}{3} = 8$$

Ashwin 
$$\Rightarrow \frac{6 \times 6}{1} = 36$$

Highest number of balls per wicket taken by "Ashwin"

71. (c) Taken from option

$$\frac{55-7}{23-7} = \frac{43-7}{19-7}$$

$$\frac{48}{16} = \frac{36}{12}$$

Option '(c)' is correct.

72. (d) The current price of diseal is = 80 rs. per litre After two years

$$\Rightarrow 80 \times \frac{105}{100} \times \frac{105}{100}$$

$$\Rightarrow 80 \times \frac{21}{20} \times \frac{21}{20}$$

$$\Rightarrow$$
 88.2 Rs.

73. (c) Let: Coins of 10 rs. = x
Coins of 5 rs. = y
Coins of 2 rs = z
The ratio of the products:xy: yz: zx

3:4:2

$$\frac{x\cancel{y}}{\cancel{y}z}:\frac{y\cancel{z}}{\cancel{z}x}:\frac{z\cancel{x}}{\cancel{x}y}$$

$$\frac{3}{4}:\frac{4}{2}:\frac{2}{3}$$

x:y:z

2:4:4

3:3:2

6:12:8

3:6:4

The minimums amount of money this person has:-

$$10\times3+5\times6+2\times4$$

 $\Rightarrow$  68 rs.

74. **(b)** Ratio of efficiency

A:B:C

100:75:100

4:3:4

Work done by 'A'  $\Rightarrow$  30 × 4 = 120

A, B and C working together can complete the work

$$\Rightarrow \frac{120}{11}$$
 days

- 75. (c) Let: Speed of man  $\Rightarrow$  x km/h Speed of current  $\Rightarrow$  y km/h Speed in down stream (x + y) = 15 km/h Speed in up stream (x - y) = 11 km/h Speed of man x = 13 km/h Speed of current y = 2 km/h
- **76. (c)** Prime Minister has unveiled a bronze statue of Alluri Sitharama Raju in Andhra Pradesh to celebrate 125th birth anniversary on 4th July 2022.
- 77. (c) The 2022 FIFA World Cup is scheduled to be the 22nd running of the FIFA World Cup competition, the quadrennial international men's football championship contested by the senior national teams of the member associations of FIFA. It is scheduled to take place in Qatar from 20 November to 18 December 2022.
- **78. (c)** The one rupee notes and coins are issued by Ministry of Finance.
- **79. (b)** Lithium is a chemical element with the symbol Li and atomic number 3. Lithium has

- largest Radii. It is a soft, silvery-white alkali metal. Under standard conditions, it is the least dense metal and the least dense solid element.
- **80. (c)** Neeraj Chopra won the gold medal for India in the Javelin throw event at Tokyo Olympics 2020
- **81. (a)** Cairn Circle Megalith were the stone pieces set in a circular shape in a Circular shape around the grave.
- **82. (b)** Todar Mal was Akbar's Revenue Minister. Todar Mal introduced the Zabt System. The system of taxation was called Dahshala.
- **83. (d)** The Feature of Fundamental Rights in the constitution borrowed from the constitution of USA.
- 84. (b) Sundari Trees are found in Ganga Bhramputra Basin. The timber obtained from the Sundari tree is used for bridge-building, boatbuilding and joinery, house construction, utility poles and tool handles. According to several investigations, the Sundari tree possesses significant antioxidant, ant hyperglycemic, antimicrobial and anticancer activities.
- 85. (b) Natyanjali Festival is an annual dance festival commemorating Hindu deity Shiva. It originated around 1981, and started off as a relatively obscure event. It is currently organized by collaborative efforts of the Department of Tourism of Tamil Nadu and the Natyanjali Trust.
- **86. (b)** The number of females per 1000 males in the Population is called the sex ratio. Sex ratio is a valuable source for finding the population of women in India and what is the ratio of women to that of men in India.
- **87. (b)** Gone Girl by Gillian Flynn centers its story about Nick and Amy Dunne's strained marriage relationship.
- **88. (b)** Abiotic Environment includes all non living components such as air, cloud, dust, land, mountains, rivers, temperature, humidity, water, water Vapour, sand etc.
- **89. (b)** West meets East album for which Pandit Ravi Shankar won the Grammy Award in 1967.
- **90. (b)** The state Legislative Assembly has a strength of 60 to 500 with exception for smaller state.

- 91. (d) Azad Hind Fauj or the India National Army (INA) was first established by Mohan Singh in 1942. It was revived by Netaji Subhas Chandra Bose on October 21, 1943, during the Second World War to secure India's complete independence from British Raj.
- 92. (c) Sattriya is a dance form of Assam. Sattriya dances are devotional in nature as they were intended for propagation of neo-Vaishnavism. Its highlights are intense emotional fervour, and in its solo avatar now dramatic abhinaya is prominent in contrast to nritta, pure dance.
- 93. (c) ICC Men's T20 World cup 2021 hosted the UAE and Oman. Australia won the T20 World cup 2021 by 8 wickets beating New Zealand
- **94. (b)** Godavari River drains into the Bay of Bengal.
- **95.** (a) Rukmini Devi Arundale was the first Indian to be nominated as a member of Rajya Sabha.

- **96. (d)** Jagananna Smart Township was launched by state Government of Andhra Pradesh.
- 97. (a) Thimphu is the capital of India's Neighbouring country Bhutan. Bhutan is one of the most unique countries in the world, and when it comes to tourism, even their tourist policies are unique. Dedicated to giving the best quality tourist experiences possible, tourism in Bhutan is eco-friendly and environmental, with only tour operators from the kingdom itself allowed organizing and operating tours to the country.
- **98. (b)** Bile is a fluid that is made and released by the liver and stored in the gallbladder. Bile helps with digestion.
- **99.** (a) Bonalu is a Hindu Festival celebrated to worship Goddess Mahakali in Telangana.
- **100. (b)** The steep rocky coast rising almost vertically above sea water is called Sea Cliff.



#### Solved Paper 2020

Held On: 20 October, 2021, Shift - 2

(d) an

Select the most appropriate option to substitute

the underlined segment in the given sentence. If

there is no need to substitute it, select 'No

You should live throughout your means.

(c) any

(a) within

(b) among

(d) between

substitution required'.

(c) No substitution required

6.

Γime : 1.5 Hours		 , – - – , -	Max.	Marks:	100

l ime : 1.5 Hours			·	Max	. Marks : 100
SECTION-A: GENERA	AL ENGLISH 7.		the INCORRECTLY		
<ol> <li>Select the INCORRECTY s         <ul> <li>(a) Expel</li> <li>(c) Repel</li> </ul> </li> <li>Select the most appropriat blank.         <ul> <li>Watching one's pet cat is make one quite to the</li> </ul> </li> </ol>	spelt word.  (b) Paralel (d) Foretell e workd to fill in the therapeutic and can	(c) Jones Select given STATI (a) M (c) Select Select	IONARY Moving Still t the most appropriat	(d) e AN (b) (d)	Capabilities TONYM of the Square Watch
<ul><li>(a) obvious</li><li>(c) studious</li><li>3. Select the most approprigiven word.</li><li>STRENUOUS</li></ul>	(b) envious (d) oblivious ate synonym of the	(a) E (c) P	ICIENT Enough Precise t the most appropriat	(d)	Inadequate Intense rd to fill in the
(c) Difficult  Select the most appropriate the underlined segment in the content of the content	e option to substitute the given sentence. If	(a) N (c) S	you please help me May Shall	(b) (d)	Dare Could
there is no need to substantiation required'. Children need <u>much</u> of guthe internet wisely and efficient most	idance in how to use	contair Last w (a) fo	ify the segment in the sagrammatical erroweek we thrown a partion Arun aparty	or. ty for (b)	·Arun. Last week
(b) No substitution requirements (c) a lot (d) many  5. Select the most appropriate with Did you visit Nehru	ord to fill in the blank.	2. Select idiom. At log (a) T	the most appropriate	mean	iing of the giver
during the eclipse?  (a) a	(b) the	(c) T	Γο sit and discuss Γο agree unwillingly	٥	

(d) To agree unwillingly

13. Select the most appropriate meaning of the given idiom.

At a stretch

(a) Within a month (c) During a year

(b) After some time (d) Without a stop

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

I am trying my best to give in junk food.

	<i></i>		334 Mollilasking 3017ca i apci 2020
	(a) No substitution required	21.	Select the most appropriate option to fill in blank
	(b) give back		no. 1
	(c) give up		(a) when (b) during
	(d) give out		(c) which (d) while
15.	Identify the segment in the sentence which	22.	Select the most appropriate option to fill in blank
	contains a grammatical error.		no. 2.
	Mohan was very hungry so he had missed		(a) through (b) about
	breakfast that morning.		(c) across (d) around
	(a) Mohan was	23.	Select the most appropriate option to fill in blank
	(b) breakfast that morning		no. 3.
	(c) so he had missed		<ul><li>(a) Join forces</li><li>(b) Combine</li><li>(c) Joined hands</li><li>(d) Collaborate</li></ul>
1.6	(d) a very hungry	24.	Select the most appropriate option to fill in blank
16.	Select the word which means the same as the	<i>2</i> <b>4.</b>	no. 4.
	group of words given. A situation when no progress is possible		(a) reached out to (b) reaching out to
			(c) reach out for (d) reaches out for
	(a) Harmony (b) Acceptance (c) Deadline (d) Deadlock	25.	Select the most appropriate option to fill in blank
17.	(c) Deadline (d) Deadlock Select the most appropriate word to fill in the		no. 5.
1. / •	blank.		(a) exceedingly (b) negligibly
	I like to go on a trip with Rahul as he is cheerful		(c) excessively (d) marginally
	and .		
	(a) easy-going (b) closed	SEC	CTION-B: GENERAL INTELLIGENCE
	(c) uncaring (d) tense		AND REASONING
18.	Select the word which means the same as the	26.	If MOTHER is coded as QDGSNL, then how
	group of words given.		would SHEATH be coded?
	Be harmonious or consistent with		(a) IUBFIT (b) GSZDGR
	(a) Record (b) Accord		(c) RGDGSZ (d) RZSGDG
	(c) Discord (d) Cordon	27.	Select the mirror image of the figure market 'X',
19.	Select the most appropriate synonym of the		when the mirror is placed on the right side of the
	given word.		figure.
	PROACTIVE		
	(a) Short-sighted (b) Enthusiastic		
20.	(c) Reactive (d) Heedless		
20.	Identify the segment in the sentence which contains a grammatical error.		X
	Are these library books their?		
	(a) library (b) their		(a) (b)
	(c) Are these (d) books		
DID			
	ECTIONS: (Qs. 21-25): In the following passage words have been deleted. Fill in the blanks with		
	help of the alternatives given. Select the most		(c) (d) (d)
	opriate option for each blank.		
		28.	'Tired' is related to 'Exhausted' in the same way
	e following passage, some words have been deleted		as 'Sad' is related to ''.
	in the blanks with the help of the alternatives given.		(a) Depressed (b) Happy
	et the most appropriate option for each blank.		(c) Mood (d) Feeling
vian	y years ago, I met a panchayat president (21)	29.	Six persons P, Q, R, S, T and U read a magazine
a state literacy programme who talked to me (22) Cuba's literacy programme where			one after another.
me ( Feacl	ners, students and volunteers (23) in a		I. S was neither the first nor the last to read it.
well organised, massive nationwide literacy movement.			II. There were as many readers between P and
They (24) people in the remotest of villages			T as there were between R and P.
and were (25) successful in their mission.			III. S read it sometime before Q, who read it sometime after U.
	· /		Sometime and O.

- IV. The one who read it last had taken it from R. Who were the two persons to have read the magazine first and last, respectively?
- (a) T and Q

(b) P and O

(c) T and U

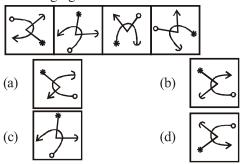
- (d) P and U
- **30.** Which number will replace the question mark (?) in the following number series?

9, 12, 17, 26, 43, 76, ?, 270

- (a) 141
- (b) 125
- (c) 133
- (d) 154
- **31.** If FRIEND is coded as 86 and SICK is coded as 62, then how would FRECKLE be coded?
  - (a) 108
- (b) 87
- (c) 90
- (d) 95
- **32.** If MARKET is coded as 15 and SUBMARINE is coded as 21, then how would CONVENTIONAL be coded?
  - (a) 23
- (b) 27
- (c) 24
- (d) 31
- **33.** Which two signs should be interchanged to make the given equation correct?

 $18 \div 9 + 12 \times 4 - 8 = 15$ 

- (a)  $\times$  and -
- (b)  $\div$  and  $\times$
- (c) and +
- (d) + and –
- **34.** Which option figure would come next in the following figure series?

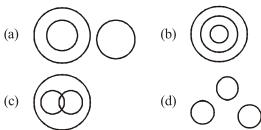


- **35.** If PEDAGOGUE is coded as DEPNFZEUG, then how would HAMSTRING be coded?
  - (a) SMAHTGNIR
- (b) ASRNGITMH
- (c) MAHQSRGNI
- (d) MAHSUTGNI
- **36.** 19 persons are standing in a queue.
  - I. Manish is 7th from the back.
  - Rinku is exactly in the middle fo Manish and Seema.
  - III. Seema and Rinku have three persons between them.

What is the position of Seema from the front?

- (a) 5th
- (b) 4th
- (c) 6th
- (d) 7th
- 37. 'Density' is related to 'Hydrometer' in the same way as 'Mass' is related to '\_\_\_\_\_'.
  - (a) Heaviness
- (b) Kilogram
- (c) Balance
- (d) Volume

- **38.** If the signs and ÷ are interchanged, then which of the following equations would be correct?
  - (a)  $12 \div 3 + 9 9 = 4$
- (b)  $9 \div 9 9 + 9 = 9$
- (c)  $12+4-4 \div 2=3$
- (d)  $6 \div 3 + 12 6 = 5$
- Select the Venn diagram that best illustrates the relationship among the following classes.
   Sun, Planets, Jupiter

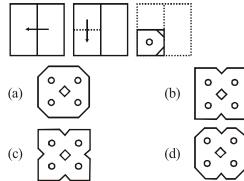


- **40.** Which number will replace the question mark (?) in the following number series?
  - 19, 22, 28, 37, 40, ?, 55, 58
  - (a) 43

(b) 49

(c) 46

- (d) 47
- **41.** Which letter-cluster will replace the question mark (?) in the following series? CBD, XYM, FEG UVT, IHJ, ?
  - (a) STR
- (b) ORP
- (c) RSO
- (d) RQS
- 42. The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the figures below. How would the paper look when unfolded?



43. Two statements are followed by two conclusions numbered I and II. Assuming the statements to be true even if they do not conform to real-world knowledge, decide which of the conclusions logically follows/follow from the statements.

#### **Statements:**

- 1. Some instruments are machines.
- 2. All instruments are gadgets.

#### **Conclusions:**

- I. No machine is a gadget.
- II. Some machines are gadgets.

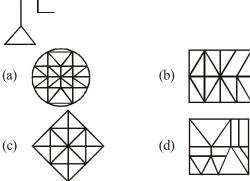
- (a) Neither conclusion I nor conslusion II follows
- Only conclusion I follows (b)
- Either conclusion I or conclusion II follows (c)
- (d) Only conclusion II follows
- Three statements are followed by three conclusions numbered I, II and III. Assuming the statements to be true even if they do not conform to real-world knowledge, decide which of the conclusions logically follows/follow from the statements.

#### **Statements:**

- 1. All buildings are shops.
- 2. Some shops are boutiques.
- 3. No restaurant is a boutique.

#### **Conclusions:**

- Some boutiques are buildings.
- II. Some restaurants being buildings is a possobility.
- III.No restaurant is a shop.
- Only conclusion I follows (a)
- Only conclusions I and II follow (b)
- Only conclusions II and III follow (c)
- (d) Only conclusion II follows
- 45. Select the option in which the given figure is embedded (rotation is NOT allowed).



- 46. Select the number from the options that is similar to the numbers in the given set. (425, 902, 713)
  - (a) 555
- (b) 624
- (c) 319
- (d) 218
- Select the number-pair in which the two numbers are related in the same way as the two numbers of the pair given below.
  - 20:68
  - (a) 30:110
- (b) 25:90
- (c) 12:30
- (d) 5:18
- Select the option figure, which when placed in the blak space of the figure would complete the pattern.











- 49. Eight persons A, B, C, D, E, F, G and H are sitting around a circular table facing the centre.
  - D is between G and A, and is facing B.
  - F is between A and H, and H is third to the  $\Pi$ . right of D.
  - III. E is second to the left of G.

Who are the persons sitting immediately to the left of C?

- (a) BFH
- (b) AHF
- (c) ADF
- (d) EBH
- **50.** Select the option that is related to the third lettercluster in the same way as the second lettercluster is related to the first letter-cluster.

FHKO: UQNL:: MORV:?

- (a) NLIE
- (b) NIFD
- (c) PLIG
- NJGE (d)

#### **SECTION-C: NUMERICAL APTITUDE**

The value of

$$\frac{7}{10} \div \frac{7}{5} of \left[ \frac{21}{10} + \frac{13}{5} \right] + \left[ \frac{1}{10} \times \frac{10}{47} - \frac{6}{47} \right] is:$$

(a)

- $(c) \quad 0$
- (d)
- 52. In an examination, the ratio of the number of candidates who passed to those who failed was 5 : 2. If the number of failed candidates had been 14 more, then the ratio of the number of passed candidates to those who failed would have been 4:3. The number of candidates who appeared in the examination was:
  - (a) 70
- (b) 100
- (c) 98
- (d) 126
- **53.** If x : y : z = 1 : 2 : 3, what is the value of

$$\left(\frac{x^2 + 2y^2 + z^2}{3x^2 - 2y^2 + 4z^2}\right)$$
?

- There are 100 students in a class, out of which 70% are girls and others are boys. The average score of girls in a test is 20% more than that of boys. If the average score of all the students is 57, then what is the average score of boys?
  - (a) 60

(b) 45

(c) 75

- (d) 50
- Two circles of radii 10 cm and 12 cm intersect each other and the length of their common chord is 16 cm. What is the distance (in cm) between their centres?
  - (a)  $6 + 5\sqrt{5}$

(b)  $6 + 4\sqrt{5}$ 

- (c)  $6+3\sqrt{5}$  (d)  $6+2\sqrt{5}$ The area of the curved surface of a right circular **56.** cylinder is 19.5 m<sup>2</sup> and its volume is 39 m<sup>3</sup>. What is the radius (in cm) of its base?
  - (a) 6

(c) 5

- (d) 4
- The ratio of the income of A and B is 1:2 and that of their expenditure is 2:3. If 80% of B's expenditure is equal to the income of A, then what is the ratio of the savings of A and B?
  - (a) 7:3

(b) 2:9

(c) 9:2

- (d) 3:7
- 'A' alone can do a peirce of work in 10 days and 58. 'B' alone can do it in 15 days. 'A' and 'B' undertook to do the work for ₹ 42,000. With the help of 'C', they completed the work in 5 days. How much (in  $\mathbb{Z}$ ) is to be paid to C?
  - (a) 14.000

(b) 21,000

(c) 7,000

- (d) 15,000
- An aeroplane covers a certain distance at a

- **60.** When the price of sugar gets raised by 30%, a person increase his expenditure on sugar only by 12%. By what percentage (correct up to two decimal place) should he reduce his consumption of sugar so as to be able to maintain the same level of expenditure?
  - (a) 11.54%

(b) 12.75%

(c) 13.85%

- (d) 15.75%
- The average monthly exenditure of a family was ₹10,000 during the first three months, ₹12,500 during the next four months, and ₹13,500 during the last five months of a year. If the total savings

during the year were ₹32,500 then the average monthly income (in ₹) of the family was:

(a) 15,000

(b) 13,750

(c) 17,250

- (d) 14,250
- The selling price of an article is  $\frac{7}{6}$  times the cost price. What is the loss/gain percentage (correct up to two decimal places)?
  - (a) Loss 16.67 %

(b) Gain 16.67%

(c) Loss 19.54%

- (d) Gain 19.54%
- **63.** Eight copies of a book can be bought for a certain sum payable at the end of a year and ten copies of the same book can be bought for the same sum in case money. What is the rate percentage of the interest?
  - 10% (b) 25%
- (c) 30% (d) 15%
- Twenty persons take 15 days to complete a certain work, working 8 hours a day. To complete the same work in 4 days, the number of hours a day 60 persons should work, is:
  - (a) 12

(b) 11

(c) 9

- (d) 10
- **65.** Two train of the same length are running on parallel trackes in the same direction at 44 km/h and 32 km/h. The faster train passes the other train in 72 seconds. What is the length (in m) of each train?
  - (a) 100

(b) 120

(c) 135

- (d) 75
- What is the simplified value of

(c) 7,000 (d) 15,000  
An aeroplane covers a certain distance at a speed of 190 km/h in 7 hours. To cover the same distance in 
$$4\frac{2}{4}$$
 hours, it must travel at a speed  $\left\{ 4 - \frac{2}{1 + \frac{2}{1 - \frac{1}{2 + \frac{3}{4}}}} \right\} \div 1\frac{5}{12}$  of  $\frac{72}{145} - (4 + 3 \div 0.5 - 1)$ ? When the price of sugar gets raised by 30% a speed  $\frac{1}{2}$  of  $\frac{72}{145}$  of

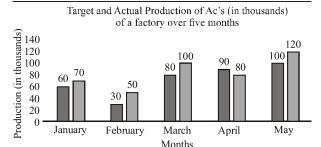
- (a) 1 (c) -2
- (d) 3
- In a week, the weights of a bag of tea were 350 kg, 340 kg, 270 kg, 360 kg, 310 kg, 300 kg. The range (in kg) is:
  - (a) 80
- (b) 70

(c) 90

- (d) 100
- A sells an article to B at 12% profit. B sells it to C at 9% loss. If C pays ₹15, 288 for it, then at what price (in  $\mathbf{\xi}$ ) is the article purchased by A?

- (a) 15,000
- (b) 16,800
- (c) 14,250
- (d) 16,000

**DIRECTIONS: (Qs. 69-71):** Study the following graph and answer the question that follows.



■ Target ■ Actual

- 69. The actual production of ACs in March is what percentage more than the average target production of ACs over the period of 5 months (correct to the nearest integer)?
  - (a) 40%
- (b) 39%
- (c) 38%
- (d) 41%
- **70.** In which month is the actual production of ACs 20% more than the target produciton?
  - (a) February
- (b) May
- (c) April
- (d) March
- 71. The ratio of the actual production of ACs in March and April to that combined target production of ACs in January and April, is:
  - (a) 5:6
- (b) 2:5
- (c) 5:2
- (d) 6:5
- **72.** Which is the largest number that will divide 2036 and 233 leaving remainders 12 and 13, respectively?
  - (a) 36
- (b) 42
- (c) 44
- (d) 46
- 73. What is the area (in cm<sup>2</sup>) of a trapezium whose parallel sides are 25 cm and 19 cm long, and the distance between them is 15 cm?
  - (a) 330
- (b) 345
- (c) 275
- (d) 410
- 74. After allowing a discount of 10% on the marked price of an article, it is sold for ₹ 450. Had the discount not been given, the profit would have been 25%. What is the cost price (in ₹) of the article?
  - (a) 400
- (b) 500
- (c) 625
- (d) 375
- 75. A farmer borrowed ₹1,32,000 from a money lender to do cultivation in his field. The rate of interest is 12.5% p.a. compounded annually. At the end of two years, he cleared his loan by paying ₹1,07,062.50 and his scooter. The cost (in ₹) of the scooter is:

- (a) 75,000
- (b) 45,000
- (c) 50,000
- (d) 60,000

#### **SECTION-D: GENERAL AWARENESS**

- **76.** Which of the following is the name of the spacecraft developed by Space X for NASA's manned mission to international Space Station?
  - (a) Crew Centaurus
- (b) Crew Aries
- (c) Crew Shark
- (d) Crew Dragon
- 77. Of the language recognised as Classical Languages by the Government of India, as on 30th June 2020, which of the following is the latest?
  - (a) Malayalam
- (b) Odia
- (c) Telugu
- (d) Kannada
- **78.** In which of the following states is the Srivilliputhur Elephant Reserve located?
  - (a) Tamil Nadu
- (b) Telangana
- (c) Andhra Pradesh
- (d) Karnataka
- **79.** Which of the following is the name of the NASA programme to land first woman and next man on the Moon by 2024?
  - (a) Orion
- (b) Nike
- (c) Apollo
- (d) Artemis
- **80.** In which of the following months may the meteor shower named Lyrids be seen from Earth?
  - (a) February
- (b) April
- (c) June
- (d) August
- **81.** Which of the following communities of Sikkim is traditionally associated with the folk dance known as 'Chu-Faat'?
  - (a) Tamang
- (b) Bhutia
- (c) Nepalese
- (d) Lepcha
- **82.** For which of the following countries does cricket Ben Stokes play?
  - (a) New Zealand
- (b) Australia
- (c) South Africa
- (d) England
- **83.** The series of articles titled 'New Lamps for Old', strongly criticising the Congress for its moderate policy towards British rule, was authored by:
  - (a) Bal Gangadhar Tilak
  - (b) Bipin Chandra Pal
  - (c) Sri Aurobindo
  - (d) Lala Lajpat Rai
- **84.** Which of the following Articles of the Constitution of India lays down the duties and functions of the Union and State Public Service Commissions in India?
  - (a) Article 312
  - (b) Article 308
  - (c) Article 316
  - (d) Article 320

shower named Quadrantids generally visible

from Earth?

(b) May/June

(a) October/November

In February 2020, the Shanghai Cooperatio (c) August/September Organization (SCO) published 'List of Eight (d) December/January Wonders of SCO'. Which of the following Indian 93. In the year 2009, who among the following was monuments figured in this list? appointed as the Leader of Opposition in the (a) Statue of Unity 15th Lok Sabha? (b) Smriti Irani (b) Great Living Chola Temples (a) Arun Jaitely (c) Anantha Kumar (d) Sushma Swaraj (c) Monuments at Mahabalipuram 94. Brahm Kanchibotla, who died in April 2020 in Khajuraho Group of Monuments the US, is known for his contribution in the field In which of the following languages did Adikavi of: Pampa create his compositions? (b) Journalism (a) **Sports** (a) Telugu (b) Malayalam **Medical Sciences** (c) (d) Theatre (c) Tamil (d) Kannada 95. According to the '2nd Advance Estimates of Which classical economist popularised the Horticulture Production 2019-20', published by following phrase. "From each according to his the Department of Agriculture, Cooperation and ability, to each according to his needs"? Farmers Welfare in June 2020, the total (a) Karl Marx horticulture production in 2019-20 is estimated (b) Adam Smith to be about higher than 2018-19. (c) John Stuart Mill 3% (b) 2% (a) (d) David Ricardo 1% (d) 4% (c) 88. To which of the following corporate houses does 96. Which of the following union territories has the leading vaccine manufacturing company representation in the Council of States? Serum Institute of India Private Limited belong? Andaman and Nicobar Islands (a) Cyrus Poonawalla Group (b) Lakshadweep (b) Tata Group Puducherry (c) (c) Adani Group (d) Chandigarh (d) Reliance Group 97. Which of the following cricketers is NOT among Which of the following helps borrowers to the Wisden Five Cricketers of the Year named overcome the problem of lack of collateral? by the 2020 edition of the Wisden Almanack? Pressure Groups (a) Jofra Archer (b) Pat Cummins (b) Non-Governmental Organization (c) Ellyse Perry (d) Andre Russell (c) Self Help Groups 98. As per the World Intellectual Property (d) Civil Societies Organization (WIPO), China emerged as the top Which of the following river systems has source of international patent applications filed Wardha river as one its significant rivers? with it in the year 2019. Which of the following (a) Godavari (b) Ganga countries held this place in the year 2018? (d) Mahanandi (c) krishna (a) Japan (b) Singapore 91. Which of the following rivers has Kishanganga (c) South Korea (d) USA rivers as one of its major tributaries? Who among the following was defeated by 99. (a) Ravi (b) Sutlej Aurangzeb in the Battle of Deorai? (d) Chenab (c) Jhelum (a) Dara Shikoh (b) Murad Baksh 92. In which of the following periods is the meteor

(c) Shah Jahan

(a) Malaria

(c) Polio

100. Which of the following diseases is caused by a

protozoa parasite of Leishmania species?

(d) Shah Shuia

(b) Kala Azar

(d) Chikungunya

#### Hints & Explanations

- **1. (b)** Paralel is wrongly spelt and the correct spelling is parallel.
- 2. (d) Oblivious means to not be aware of the real world outside. Option (d) -oblivious is the correct response as other options don't fit in.
- **3. (c)** Strenuous means using great effort or exertion. The closest word that comes to it is difficult.
- **4. (c)** Of all the given options, option three 'a lot' fits best. Most/many/much are suitable with the verb guidance.
- 5. **(b)** Nehru Planetarium is not common noun that article 'a' will be employed. It does not begin with vowels -AEIOU, that article 'an' should be employed. Its only one singular entity, so any cannot be used. Therefore, 'The' is used here as it's a proper noun.
- **6. (a)** 'Live within one's means' is a phrase which means to spend money only on what one can afford.
- 7. **(c)** Journies is incorrectly spelt. Journeys is the correct spelling.
- **8. (a)** Stationary means fixed so the opposite of it is moving.
- **9. (b)** Sufficient means adequate and its opposite is inadequate.
- **10. (d)** 'Could you please help me with my computer?' is the appropriate words to fill in the blank as the rest of the options are not grammatically correct.
- 11. (d) Last week 'we threw / had thrown' a party for Arum would be grammatically correct. 'We thrown' is grammatically incorrect.
- 12. (a) At loggerheads means-to disagree strongly.
- **13.** (d) At a stretch means without a stop.
- **14. (c)** Give in- means to surrender. And give up means to leave something. Therefore, the answer is give up.
- 15. (c) 'So he had' has an error as the sentence is in simple past tense form. Therefore, 'so he missed breakfast that morning 'is the correct answer.

- **16. (d)** Deadlock means-a situation, typically one involving opposing parties, in which no progress can be made.
- **17. (a)** Someone who is cheerful is often easygoing as well.
- **18. (b)** Accord means to be harmonious or consistent with.
- **19. (b)** Proactive means creating or controlling a situation rather than just responding to it. This implies being enthusiastic.
- 20. (b) 'Their'- is wrong. There is a possessive pronoun. It indicates possession. Something belongs to them. Whereas, there means the opposite of here; "at that place". In the question posed, 'Are the library books their?' it should either be 'theirs' or "Are these their library books" to rephrase it-indicating someone's possession. 'There can also be used indicating a place.
- 21. (b) During means- a period of time or through the course of. The rest of the options don't make grammatically sound choices. Therefore, the answer is during.
- 22. (b) The act of talking is mentioned and the subject of the talk is also mentioned-Cuba's literacy program. Therefore, with the given hints we choose 'about', as one talks about a given topic.
- in a well organised, massive nationwide literacy movement.' The sentence itself gives hints that the given people collaborated together in this mission or movement. Of the given options we cannot choose collaborate as it's not in past tense, while the passage is in past tense. Therefore, we choose 'joined hands' as it means the same.
- **24.** (a) 'Reached out to' is the correct response as it's in simple past tense.
- 25. (a) The word successful is a positive word and works as a hint and we look for a positive word to go with it, which is; exceedingly. All the other options don't have such a positive connotation.