



**SSC
CHSL**

Memory Based Paper
05 Jul, Shift 1

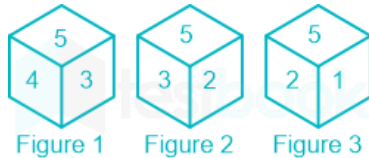


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100 Questions

Que. 1 Three different positions of the same dice are shown. Find the number on the face opposite the face showing '5'.



1. 2
2. 1
3. 6
4. 3

Correct Option - 3

Que. 2 Select the option that is related to the fourth term in the same way as the first term is related to the second term and the fifth term is related to the sixth term.

35 : 21 :: ? : 36 :: 40 : 24

1. 65
2. 50
3. 60
4. 55

Correct Option - 3

Que. 3 Select the word - pair that best represents a similar relationship to the one expressed in the given pair of words.

(The words must be considered as meaningful English words and must not be related to each other based on the number of letters/number of consonants/vowels in the word)

Hibiscus: Flower

1. Pumpkin : Fruit
2. Beans : Protein
3. Leaf : Green
4. Tree : Trunk

Correct Option - 1

Que. 4 By Interchanging the given two numbers which of the following equation will be correct?
1 and 9



1. $9 \times 3 - 4 \div 2 + 1 = 10$
2. $1 + 9 \times 3 - 4 \div 2 = 18$
3. $9 \times 2 + 1 - 8 \div 4 = 12$
4. $9 - 1 + 6 \div 2 \times 3 = 7$

Correct Option - 1

Que. 5 In a certain code language, 'PARK' is coded as '3749', and 'RACE' is coded as '4762'. How will 'CARE' be coded in that language?

1. 6724
2. 7642
3. 7624
4. 6742

Correct Option - 4

Que. 6 Select the option that is related to the third term in the same way as the second term is related to the first term.

CANOPY : DCQSUE :: TONSIL : ?

1. UQQXOR
2. UQQWNR
3. UQRVNR
4. URQWNS

Correct Option - 2

Que. 7 If 28 March 2017 was a Tuesday, then what day of the week was 12 February 2017?

1. Saturday
2. Thursday
3. Friday
4. Sunday

Correct Option - 4

Que. 8 In a certain code language, 'WINTER' is coded as XJXQKX and 'AUTUMN' is coded as TRYWWB. How will 'SEASON' be coded in the same language?

1. RTXCTT
2. TRXCGT
3. TGDWTT
4. TTWDGT

Correct Option - 4

Que. 9 If $X \times Y$ means that X is the mother of Y, $X - Y$ means that X is the father of Y, $X \div Y$ means that X is the sister of Y, then which of the following expression shows that P is the paternal grandfather of R?

1. $Q - P \times R$
2. $P - Q \div R$
3. $P - Q - R$
4. $P \times Q - R$

Correct Option - 3

Que. 10 Which of the answer figures is the exact mirror image of the given problem figure when the mirror is held at the right side?

Problem figure:



1. 
2. 
3. 
4. 

Correct Option - 3

Que. 11 Select the option that is related to the third term in the same way as the second term is related to the first term.

FRONTIER : GSNOUHDS :: CLOSING : ?

1. DMNRHLH
2. DMNTHOH
3. DKNTJOH
4. BMPTHOH



Correct Option - 2

Que. 12 Which number should replace the question mark (?) in the following number series?
5475, 1100, 225, 50, ?, 8, 6.6

1. 30
2. 15
3. 20
4. 25

Correct Option - 2

Que. 13 Which of the following numbers will replace the question mark (?) in the given series?
108, 99, 88, ?, 60, 43

1. 76
2. 75
3. 78
4. 77

Correct Option - 2

Que. 14 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.
pq _dh_ qmd _p _m _h _q _dh

1. m, p, q, h, d, p, m
2. d, h, m, m, p, p, q
3. d, m, m, p, p, h, q
4. m, p, h, q, d, p, m

Correct Option - 4

Que. 15 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.



1. QY295N5rS
2. QY295N5rS
3. R5N295YQ



4. **Q2Y93N2Я**

Correct Option - 3

Que. 16 After interchanging the given two numbers and two signs what will be the values of equation (I) and (II) respectively?

÷ and ×, 1 and 3

I. $6 + 4 - 9 \times 3 \div 1$

II. $4 \times 3 - 1 + 8 \div 2$

1. 26, 17
2. -17, 17
3. 9, 18
4. 11, 15

Correct Option - 2

Que. 17 Select the option that is related to the third term in the same way as the second term is related to the first term and the sixth term is related to the fifth term.

21: 196 :: 29: ? :: 38 : 315

1. 319
2. 252
3. 203
4. 841

Correct Option - 2

Que. 18 In the following question below are given some statements followed by some conclusions based on those statements. Taking the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusion logically follows the given statements.

Statements :

I. All A are H.

II. No B is A.

Conclusion :

I. Some A are not B.

II. No B is H.

1. Only conclusion II follows
2. Both conclusions I and II follows
3. Neither conclusion follows
4. Only conclusion I follows

Correct Option - 4

Que. 19 In a certain code language, 'MOHAN' is coded as 39-45-24-3-42 and 'KABIR' is coded as 33-3-6-27-54. How will 'RAGHU' be coded in that language?

1. 54-2-21-16-42
2. 36-2-14-24-42
3. 54-3-21-24-63
4. 36-3-14-16-63

Correct Option - 3

Que. 20 Select the option figure in which the given figure (X) is embedded as its part (rotation is NOT allowed).



1. 
2. 
3. 
4. 

Correct Option - 3

Que. 21 The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown below. Choose the figure that would most closely resemble the unfolded form of the paper.



1. 
2. 
3. 
4. 

Correct Option - 4

Que. 22 Find the number of triangles in the given figure.



1. 23
2. 24
3. 22
4. 20

Correct Option - 2

Que. 23 Three statements are given followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

All oranges are apples.

Some oranges are bananas.

All bananas are fruits.

Conclusions:



- I. Some fruits are apples.
- II. Some apples are bananas.
- III. Some oranges are fruits.

- 1. Only conclusions I and III follow.
- 2. Only conclusions II and III follow.
- 3. All conclusions follow.
- 4. Only conclusions I and II follow.

Correct Option - 3

Que. 24 In a certain code language, 'GANGA' is coded as 21-3-42-21-3 and 'KOSHI' is coded as 33-45-57-24-27. How will 'GOMTI' be coded in that language?

- 1. 21-45-39-60-27
- 2. 21-30-39-40-18
- 3. 14-30-39-40-18
- 4. 14-45-26-60-27

Correct Option - 1

Que. 25 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

PNNA, RPPE, TRRI, VTTO, ?

- 1. YVVU
- 2. XWWU
- 3. XVVU
- 4. YUUV

Correct Option - 3

Que. 26 What are Kho-Kho players sitting in the squares called?

- 1. Runners
- 2. Active Chaser
- 3. Chasers
- 4. Blockers

Correct Option - 3

Que. 27 The first Rajiv Gandhi Khel Ratna award was given to which of the following sports person?

- 1. Major Dhyanchand
- 2. Sachin Tendulkar
- 3. Vishwanathan Anand
- 4. Saina Nehwal

Correct Option - 3

Que. 28 When was the Geological Survey of India (GSI) first published the seismic zoning map of the country?

1. 1932
2. 1935
3. 1938
4. 1940

Correct Option - 2

Que. 29 Which of the following site is famous for stupas, monasteries, temples and pillars?

1. Khajuraho
2. Sanchi
3. Vidisha
4. More than one of the above.

Correct Option - 2

Que. 30 Who was the first Indian to conquer the English Channel from Dover to Calais in 1958, and also the only man to swim the oceans of the five continents in one calendar year in 1966?

1. Mihir Sen
2. Ramanathan Krishnan
3. Ajit Patel
4. Khashaba Jadhav

Correct Option - 1

Que. 31 Article 45 under the Directive Principles of State Policy in the Indian Constitution, provides for

1. Rights of minorities to establish educational institutions
2. Free and compulsory primary education
3. Education for weaker sections of the country
4. Giving financial assistance to less advanced states

Correct Option - 2

Que. 32 Ramanathan Krishnan can be associated with which of the following sports?

1. Hockey
2. Tennis
3. Cricket
4. Badminton

Correct Option - 2

Que. 33 Which is the least populated state according to the census of 2011?

1. Arunachal Pradesh
2. Nagaland
3. Sikkim
4. Tripura

Correct Option - 3

Que. 34 Barium Nitrate is used in signal flared and fireworks that burn in bright _____ colour.

1. orange
2. blue
3. yellow
4. green

Correct Option - 4

Que. 35 Which Bharatanatyam dancer became the second youngest dancer to be honoured with the 'Padma Shri' award in 1991?

1. Hema Malini
2. Narthaki Nataraj
3. Saroj Khan
4. Alarmel Valli

Correct Option - 4

Que. 36 How many elements were known when Mendeleev started his work?

1. 73
2. 53
3. 63
4. 93

Correct Option - 3

Que. 37 Cricket World Cup, 1983 was held in which of the following places?

1. England
2. Australia
3. West Indies
4. India

Correct Option - 1



Que. 38 In which Part of the Constitution, Panchayati Raj related Provisions have been implemented?

1. Part - 6
2. Part - 7
3. Part - 8
4. Part - 9

Correct Option - 4

Que. 39 Which among the following was intimately related to the issue of depletion of ozone layer?

1. Rio Conference
2. Montreal Protocol
3. Toronto World Conference
4. Stockholm Conference

Correct Option - 2

Que. 40 The Brihadeswara temple at Tanjore belongs to which of the following architectural styles?

1. Nagara
2. Vesara
3. Kalinga
4. Dravidian

Correct Option - 4

Que. 41 The Lucknow session of Indian National Congress that took place in 1916 was presided by _____.

1. Rashbihari Ghosh
2. Ambika Charan Majumdar
3. Bhupendra Nath Bose
4. None of the above

Correct Option - 2

Que. 42 Aga Khan Palace is located in _____ city of Maharashtra.

1. Pune
2. Aurangabad
3. Ahmednagar
4. Mumbai

Correct Option - 1

Que. 43 What is the population of rural India as per Census 2011?

1. 83.3 crore
2. 73.3 crore
3. 37.3 crore
4. None of the above

Correct Option - 1

Que. 44 Qutub Minar was added to the list of UNSECO World Heritage Sites in which year?

1. 1990
2. 1993
3. 1996
4. 2004

Correct Option - 2

Que. 45 When calcium carbonate is heated, it decomposes to give _____ and _____.

1. Ca_2O_2 , CO_2
2. CaO , CO_2
3. CaO , CO
4. Ca_2O , CO

Correct Option - 2

Que. 46 Which of the following liquids has the highest surface tension?

1. Ethane
2. Methanol
3. Ethanol
4. Water

Correct Option - 4

Que. 47 Which of the following parts of the Indian Constitution consists of articles relating to elections?

1. Part V
2. Part VII
3. Part X
4. Part XV

Correct Option - 4

Que. 48 Which one among the following substances is *not* a green house gas?

1. Water vapour



2. Chlorofluorocarbon
3. Methane
4. Nitrogen

Correct Option - 4

Que. 49 Festival 'Monlam Chenmo' was seen in the news. It is celebrated in which of the following?

1. Ladakh
2. Himachal Pradesh
3. Uttarakhand
4. Haryana

Correct Option - 1

Que. 50 Which of the following was built in 1862 in a unique, French-Chateau style of architecture by a Dogra king and has now been converted into a museum?

1. Leh Palace
2. Amar Mahal Palace
3. Thiksey Monastery
4. Bag-e-Bahu Fort

Correct Option - 2

Que. 51 What is the value of $\sqrt{729} + \sqrt{72.9} + \sqrt{7.29} = ?$

1. 40.5
2. 45.6
3. 33.5
4. 38.23

Correct Option - 4

Que. 52 A person sells wheat at a profit of 30%. If he reduces its selling price by Rs. 60, then he suffers a loss of 10%. What was the initial selling price (in Rs.) of the wheat?

1. 195
2. 210
3. 180
4. 130

Correct Option - 1

Que. 53 The average age of Abhay, his wife and their child 6 years ago was 42 years and that of his wife and their child 8 years ago was 30 years, Find the present age of Abhay.



1. 68 years
2. 63 years
3. 64 years
4. 66 years

Correct Option - 1

Que. 54 The ratio of the speed of the boat in still water to the speed of the stream is 8 : 3 and the boat can travel 22 km downstream in 24 minutes. Then, how much time will the boat take to cover 50 km upstream?

1. 4 hrs
2. 2.5 hrs
3. 3 hrs
4. 2 hrs

Correct Option - 4

Que. 55 Find the value of $\sec \theta \times \sqrt{1 - \sin^2 \theta}$

1. 0
2. 2
3. -1
4. 1

Correct Option - 4

Que. 56 The population of a town is 80,000. It decreases by 8% in the first year and increases by 5% in the second year. What will be the population of the town at the end of 2 years?

1. 76150
2. 86140
3. 77280
4. 82540

Correct Option - 3

Que. 57 S does half as much work as T in $\frac{1}{7}$ of the time taken by T. If together they take 21 days to complete a work, then how many days shall S take to complete that work alone?

1. 26
2. 27
3. 28
4. 32

Correct Option - 2

Que. 58 A circle of diameter 26 cm having the two equal chords of length 10 cm is separated by a distance x cm. Calculate the distance x.

1. 20
2. 22
3. 24
4. 28

Correct Option - 3

Que. 59 Four runners started running simultaneously from a point on a circular track. They took 400 seconds, 600 seconds, 720 seconds and 900 seconds to complete one round. After how much time did they meet at the starting point for the first time since the race started?

1. 4200 sec
2. 2400 sec
3. 3600 sec
4. 1800 sec

Correct Option - 3

Que. 60 The present ages of A and B are in the ratio 9 : 10. The ratio of their ages 8 years from now will be 11 : 12. What will be the sum of their ages (in years) after 3 years from now?

1. 78
2. 84
3. 82
4. 76

Correct Option - 3

Que. 61 In a right-angled triangle ABC right angled at C, $\sin A = \sin B$. What is the value of $\cos A$?

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

Correct Option - 1

Que. 62 Selling price of an article is Rs. 2397 and discount offered is 15%. What is the marked price (in Rs.)?

1. 2756.5
2. 2856.6
3. 2740
4. 2820

Correct Option - 4

Que. 63 A zoo has few numbers of penguins and polar bears. The total number of heads of both of them is 60 and the total number of their feet is 160. How many polar bears are there in the zoo?

1. 20
2. 40
3. 60
4. 80

Correct Option - 1

Que. 64 Ankit went to Manali, for river rafting. He rows at the rate of 12 km/h in still water. To cover the same distance, it takes him twice as long to row up as to row down the river. Find the rate of flow of the river.

1. 6 km/h
2. 4 km/h
3. 8 km/h
4. 2 km/h

Correct Option - 2

Que. 65 There was 25% off on bags. A lady bought a bag and got additional 20% discount for paying in cash. She paid Rs. 480. What was the price tag (in Rs.) on the bag?

1. 750
2. 800
3. 825
4. 950

Correct Option - 2

Que. 66 If the ratio of the curved surface area and volume of a right circular cylinder is 5 : 7, then its radius is:

1. 2.6 unit
2. 2.8 unit
3. 3.8 unit
4. 3.2 unit

Correct Option - 2

Que. 67 If the ratio of A : B is 5 : 4 and B : C is 3 : 5 then the ration of A : B : C is :

1. 12 : 15 : 20
2. 15 : 12 : 20
3. 20 : 15 : 12

4. 15 : 20 : 12

Correct Option - 2

Que. 68 The heights of 48 students of a class are shown in the following table.

Height (in cm)	No. of students
up to 150	12
up to 155	16
up to 160	18
up to 165	33
up to 170	48

What is the percentage of students whose height is more than 160 cm?

1. 37.5%
2. 66.6%
3. 33.3%
4. 62.5%

Correct Option - 4

Que. 69 A train takes 45 minutes to cover a certain distance at a speed of 80 km/h. If the speed is increased by 125%, then how long will it take the train to cover $\frac{8}{5}$ of the same distance ?

1. 32 minutes
2. 28 minutes
3. 25 minutes
4. 30 minutes

Correct Option - 1

Que. 70 Both X and Y together can complete a work in 12 days and Y alone can complete the same work in 30 days. In how many days will X alone complete the work?

1. 15
2. 20
3. 18
4. 16

Correct Option - 2

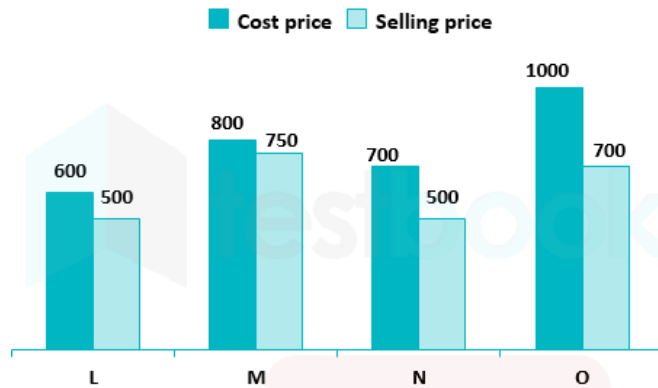
Que. 71 Madhuri spends 80% of her salary and Sushma spends 95% of her salary. But the savings of both are equal. Find the income of Sushma, if the sum of their incomes is Rs. 10,000.

1. Rs. 9,000
2. Rs. 8,000
3. Rs. 4,000

4. Rs. 5,000

Correct Option - 2

Que. 72 The bar graph given below shows the cost price and selling price of four articles L, M, N and O.



Which of the following sequence is correct for loss?

1. $O > N > L > M$
2. $N > O > L > M$
3. $O > N > M > L$
4. $O > L > N > M$

Correct Option - 1

Que. 73 What is the value of $z^2 + \frac{1}{z^2}$ when $z = 5 + 2\sqrt{6}$?

1. 49
2. 50
3. 98
4. 100

Correct Option - 3

Que. 74 In a circle, AB and CD are two diameters which are perpendicular to each other. Find the length of chord AC.

1. $\sqrt{2}$ CD
2. $\frac{AB}{\sqrt{2}}$
3. $\frac{CD}{2}$
4. 2 AB

Correct Option - 2



Que. 75 The perimeter of an equilateral triangle is 75 cm. Find its area.

1. $\frac{625\sqrt{2}}{4} \text{ cm}^2$
2. $\frac{625\sqrt{3}}{4} \text{ cm}^2$
3. $\frac{625\sqrt{3}}{3} \text{ cm}^2$
4. $\frac{125\sqrt{3}}{4} \text{ cm}^2$

Correct Option - 2

Que. 76 Identify the segment in the sentence, which contains the grammatical error.

Although it was raining, but we went for a walk.

1. Although it
2. but we went
3. was raining
4. for a walk.

Correct Option - 2

Que. 77 Choose the closest meaning:

State of recurring again and again

1. Synchronize
2. Perennial
3. Chronology
4. Chronological

Correct Option - 2

Que. 78 Select the correct indirect form of the given sentence.

The doctor said to Anita, "Are you feeling better now?"

1. The doctor asked Anita if she was feeling better then.
2. The doctor asked Anita was she was feeling better then.
3. The doctor asked to Anita if she was feeling better now.
4. The doctor asked Anita that if she were feeling better now.

Correct Option - 1

Que. 79 Given below are four jumbled sentences. Select the option that gives their correct order.

- A. Agriculture is a primary activity, which produces most of the food that we consume.
- B. India is an agriculturally important country.
- C. Besides food grains, it also produces raw materials for various industries.



D. Two-thirds of its population is engaged in agricultural activities.

1. BCDA
2. CBDA
3. DCBA
4. BDAC

Correct Option - 4

Que. 80 Identify the segment in the sentence, which contains the grammatical error.

He is elder than all other employees in this office.

1. He is elder
2. than all
3. in this office
4. other employees

Correct Option - 1

Que. 81 In the following question, out of the four alternatives, select the alternative which will improve the underlined part of the sentence. In case no improvement is needed, select "No improvement".

Either Ravindra or his friends has joined the club.

1. is joining
2. have joined
3. has been joining
4. No improvement

Correct Option - 2

Que. 82 In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.

Bring home the bacon

1. To keep quite
2. To earn money to live
3. Subject matter of the fight
4. To praise one

Correct Option - 2

Que. 83 Direction: Choose the word, which is the **antonym** of the word printed in **bold**.

Dictum

1. Pronouncement
2. Command



3. Denial
4. Disclaimer

Correct Option - 3

Que. 84 In the given question, four words are given out of which one word is correctly spelt. Choose the correctly spelt word.

1. Nieghbour
2. Minuscule
3. Harrass
4. Noticable

Correct Option - 2

Que. 85 Direction: Out of the given alternatives in below given items, choose the correct one reflecting meaning.

A thing which easily catches fire.

1. Fluorocent
2. Inflammable
3. Impatient
4. Oily

Correct Option - 2

Que. 86 In the following question, out of the four alternatives, select the alternative which will improve the underlined part of the sentence. In case no improvement is needed, select "No improvement".

He always obeys his parents who show his loyalty.

1. whom shows
2. who shows
3. which shows
4. No improvement

Correct Option - 3

Que. 87 Given below are four jumbled sentences. Select the option that gives their correct order.

- A. After some time a flock of pigeons comes by and starts eating grains and gets caught in the net.
- B. They flew away to their friend's mouse hole, then the mouse cuts the net and freed the pigeons.
- C. One day a hunter sets a net to catch birds and placed grains and rice over the net.
- D. After some time they started losing hope, then their leader asks them to fly together up in the sky.

1. DBAC
2. CABD
3. ADBC



4. CADB

Correct Option - 4

Que. 88 Select the most appropriate word to fill in the blank in the given sentence.

The Hubble Space Telescope will search for planets around the stars, a key to the _____ for extraterrestrial life, and examine interstellar dust and gases out of which stars are born

1. perception
2. discovery
3. enquiry
4. quest

Correct Option - 4

Que. 89 Change the voice of the given sentence.

The principal discovered a new lake.

1. A new lake discovered by the principal.
2. A new lake was discovered by the principal.
3. A new lake was being discovered by the principal.
4. The principal made a new discovery of a lake.

Correct Option - 2

Que. 90 **Direction:** Choose the word, which is the **antonym** of the word printed in **bold**.

Abhorrence

1. Admiration
2. Antipathy
3. Disgust
4. Hatred

Correct Option - 1

Que. 91 In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.

Latin and Greek

1. Unable to understand
2. Very much
3. A bribe
4. Be patient

Correct Option - 1



Que. 92 Select the most appropriate synonym of the given word.

COMPLICATED

1. complex
2. simplified
3. plain
4. painful

Correct Option - 1

Que. 93 Select the most appropriate word to fill in the blank in the given sentence.

The state and its autocracy always abandoned its _____ poor.

1. delighted
2. united
3. benighted
4. elated

Correct Option - 3

Que. 94 **Direction:** Choose the word which is most nearly the **SAME** in meaning as the word printed in **Bold**.

Encomiums

1. Condemnation
2. Criticism
3. Laudation
4. Censure

Correct Option - 3

Que. 95 In the given question, four words are given out of which one word is correctly spelt. Choose the correctly spelt word.

1. Intellegance
2. Intellegence
3. Intelligence
4. Intelligance

Correct Option - 3

Que. 96 In the following passage, some words/phrases have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each.

China has the strongest military force in the world__A__ India stands at number four, according to a study released by defence website Military Direct. "The USA, __B__ their enormous military budgets, comes in 2nd place with 74 points, followed by Russia with 69 and India at 61," said the study. The study said the "ultimate military strength index" was calculated after taking __C__ consideration various factors including budgets, total



air, sea, land, and weight of equipment. China has the strongest military in the world, scoring 82 out of 100 points in the index. Based on these scores, which account __D__ budgets, men, air and navy capacity, it does suggest that China would come out as top dog in a hypothetical super conflict. The world's biggest military spender with a budget of USD 732 billion per year is the USA, it noted, adding that China comes second with USD 261 billion, followed __E__ India at USD 71 billion.

Select the most appropriate option to fill in the blank A.

1. along with
2. with
3. but
4. while

Correct Option - 4

Que. 97 Select the most appropriate option to fill in the blank B.

1. have
2. because of
3. despite
4. along with

Correct Option - 3

Que. 98 Select the most appropriate option to fill in the blank C.

1. of
2. into
3. for
4. from

Correct Option - 2

Que. 99 Select the most appropriate option to fill in the blank D

1. by
2. for
3. of
4. with

Correct Option - 2

Que. 100 Select the most appropriate option to fill in the blank E.

1. by
2. up
3. out



4. through

Correct Option - 1



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