General Instructions:

• There are total 180 Questions in the Test.

• The total duration of the test is 180 Minutes.

• There is **0.25 Negative Marking** for each wrong answer and **1 mark** will be awarded for each correct answer.

• There are 6 Sections and the break up is mentioned below:

Section Name	No. of Questions	Question Nos.
Analytical Reasoning Skills Part A	30	01 to 30
Analytical Reasoning Skills Part B	30	31 to 60
Quantitative Skills Part A	30	61 to 90
Quantitative Skills Part B	30	91 to 120
Verbal Skills Part A	30	121 to 150
Verbal Skills Part B	30	151 to 180

Section 1 - Analytical Reasoning Skills Part A

No. of Questions: 30

1) Select one of the following four options that will make the 2nd pair analogous to the 1st pair given.

K L Rahul : Cricket :: Sunil Chhetri :: ?

A) Hockey

B) Football

C) Table tennis

D) Volleyball

2) Select one of the following four options that will make the 2nd pair analogous to the 1st pair given:

MONTEX : NOMXET :: POLISH :?

A) HSIPOL B) HSILOP

C) LOPHSI

D) LOPISH

3) Read the information given below and answer the question that follows:

Out of 5 friends Alex, Barry, Charles, David, and Eshaan, David is not the tallest. Eshaan is taller than only two of his friends. Alex is shorter than only one of his friends. Barry is the shortest. If all of them have different heights, then who is the tallest?

A) Charles

B) Alex

C) David

D) Eshaan

4) Based on the information given, answer the question given below.

There are 5 friends who are standing in a straight line. Their arrangement is as follows

1) Ben is fourth from the rightmost end.

2) Den is third to the right of Anna

3) Cathy is to the left of Eric.

Who is third from the leftmost end?

A) Anna

B) Ben

C) Cathy

D) Den

5) There are 17 men to the left of Kant, who is 3rd to the left of Pant. If Pant is 5th from the right, then how many men are there in that row?

A) 24

B) 25

C) 26

D) 27

6) E's mother's husband's only daugher is M. How is E related to M?

A) Brother

B) Sister

C) Cousin

D) Uncle

7) Samuel's mother's brother's mother's only son-in-law's daughter is Marina. How is Marina related to Samuel's mother?

A) Niece

B) Aunt

C) Sister

D) Daughter

8) In a certain code language, the word "MOBILE" is coded as "FMJCPN". How is the word "RADIO" coded in that language?

A) BSPEJ

B) BESPJ

C) PJEBS

D) PEBJS

9) In a certain code language, BATS is coded as CBUT. How is TATA coded in that language?

A) UUTB

B) UBUB

C) UBAT

D) TABU

10) In a certain code language TOY is coded as !@# and BOY is coded as @\$#. What could be the code for JOY in that language?

A) !@&

B) #@!

C) #@&

D) &#!

11) Given below are 2 statements followed by 2 conclusions. Choose the conclusion/conclusions that follow(s) the given statements by selecting the right option.

Statements: I. All books are pens II. No pen is rubber

Conclusions: I. No book is rubber

II. All books are rubbers

A) Only conclusion I follows

B) Only conclusion II follows

C) Both the conclusions I and II follow

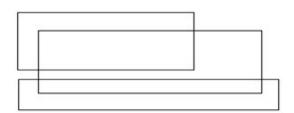
D) Neither conclusion I nor conclusion II follows

12) How many triangles are there in the given figure?



A) 1 B) 4 C) 5 D) 10

13) How many rectangles are there in the given figure?



A) Four

B) Five

C) Six

D) Seven

14) How many triangles can be formed by using 7 non-collinear points on a plane?

A) 30

B) 35

C) 40

D) 50

15) Assuming the given statement to be true, select inference as one of the options.

Statement: Arun will go to the park on even dates. Inference: Arun will go to the park on 25th

A) TRUE

B) FALSE

C) Uncertain

D) Irrelevant

16) Assuming the statement given in the question to be true, point out the inference as one of the following

(a)- True (b) – False (c) – Uncertain

(d) - Irrelevant

Statement : It had been raining for last three days and will probably rain today also Inference : It's a rainy season

A) a B) b C) c

D) d

17) Assuming the given statement to be true, select inference as one of the options.

Statement: X is one of the state of country Y. In state X for every 1000 males there are 850 females. Inference: Country Y has less females than males.

A) TRUE

B) FALSE

C) Uncertain

D) Irrelevant

18) Given below a statement followed by 2 inferences. Choose the inference that can be inferred from the given statement by selecting the right option.

Statement : All chocolates are sweets

Inferences:

I. Some sweets are chocolates

II. No sweet is a chocolate

A) Only inference I follows

- B) Only inference II follows
- C) Both inferences I and II follow
- D) Neither inference I nor inference II follows

19) Given below a statement followed by 2 inferences. Choose the inference that can be inferred from the given statement by selecting the right option.

Statement: Out of 1200 students who have appeared for the exam, 30% of them got more than 80% of the marks and rest all scored below 40%, while the pass mark in the exam was 50%.

Inferences:

I. None of the students scored marks in the range 40%- 80%

II. Most of the students have not performed well in the exam

A) Only inference I follows

B) Only inference II follows

C) Both inferences I and II follow

D) Neither inference I nor inference II follows

20) In three of the options, the 2nd number is related to the 1st number in a similar logical way. Which is the odd one out?

A) 456 - 120 B) 165 - 30 C) 349 - 108 D) 735 - 90

21) Ramesh, Ganesh, Hareesh and Rajesh are four friends. Ramesh is taller than 2 of his friends. Neither Hareesh nor Ganesh are the shortest. Who is the shortest among the four?

A) Ramesh

B) Ganesh

C) Hareesh

D) Rajesh

22) Out of 5 friends Charles, David, Eshan, Farhan and Grover, neither Eshan nor David is the eldest. Charles is the 2nd youngest. Farhan is the youngest. Who is the eldest?

A) Eshan

B) Farhan

C) Charles

D) Grover

23) What is the next number in the series given below?

4,9,16,25,36,49,?

A) 64

B) 60

C) 56

D) 48

24) Which is the next number in the series given below?

10, 11, 24, 75, 304, ?

A) 1225

B) 1525

C) 1725

D) 1925

25) What is the next number in the series given below?

2,4,2,-2,-4,-2,2,?

A) -4

B) -2

C) 4

D) 6

26) There are 4 words given below. 3 of them are similar and can be classified into a group. Which of these words form a group?

- 1) Rectangle
- 2) Rhombus
- 3) Square
- 4) Triangle

A) 1,2 and 3

- B) 1,2 and 4
- C) 2,3 and 4
- D) 1,3 and 4

27) There are 4 numbers given below. 3 of them are similar and can be classified into a group. Which of these numbers form a group?

1) 121

2) 12421

3) 1234321

4) 123454321

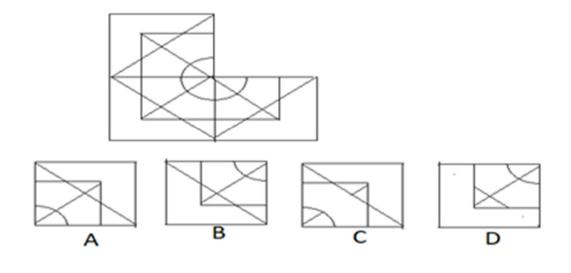
A) 1, 2 and 3

B) 1, 3 and 4

C) 1, 2 and 4

D) 2, 3 and 4

28) Given below an image followed by 4 options. Which of these options fit in the blank part of the image?



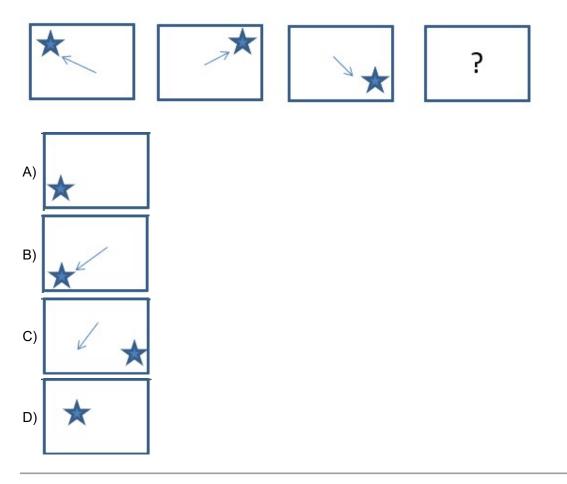
A) A

B) B

C) C

D) D

29) Which figure replaces the question mark in the given figure series?



30) Given below a question followed by 2 statements. Choose the statement/statements required to answer the question by selecting the right option.

Question: What is the cost price of the watch?

Statements:

- I. The watch is sold at a discount of 20% of the marked price.
- II. The shopkeeper made a profit of 60% of the cost price.
- A) Statement I alone is sufficient
- B) Statement II alone is sufficient
- C) Both statements I and II together are sufficient
- D) Neither statement I nor statement II is sufficient

Section 2 - Analytical Reasoning Skills Part B

No. of Questions: 30

31) Select one of the following four options that will make the 2nd pair analogous to the 1st pair given.

(3@7@6):256::(1@9@8):?

A) 225

B) 289

C) 324

D) 361

32) Select one of the following four options that will make the 2nd pair analogous to the 1st pair given:

GOLF : IQNH :: CART :?

A) CCTV

B) ECTV

C) TRAC

D) DBSU

33) Based on the information given, answer the question given below.

There are 5 friends who are standing in a straight line. Their arrangement is as follows

1) Ben is fourth from the rightmost end.

2) Den is third to the right of Anna.

3) Cathy is to the left of Eric.

Who is third to the right of Ben?

A) Anna

B) Cathy

- C) Den
- D) Eric

34) Read the information given below and answer the question that follows:

4 exams to be conducted on 4 days from Monday till Thursday. The exams to be conducted are English, Mathematics, Physics, and Biology. Neither English nor Physics to be conducted on Thursday. Neither Physics nor Mathematics to be conducted on Tuesday. There are 3 exams conducted after Biology.

Which exam is conducted on Thursday?

A) Biology

B) English

C) Physics

D) Mathematics

35) R's only brother's only sister's husband is father of M. If R has only 1 sibling, then how is R related to M?

A) Aunt

B) Son

C) Sister

D) Mother

36) Rajan's father's sister's mother's only daughter in law is Kala. How is Kala related to Rajan's sister?

A) Wife

B) Sister

C) Mother

D) Grandmother

37) In a certain code language, the word "BOTTLE" is coded as "OBTTEL". How is the word "CACTUS" coded in that language?

A) ATUSCC

B) ACTCSU

C) CCAUTS

D) CSTUAC

38) Read the information given below and answer the question that follows.

In a certain code language some of the sentences are coded as below:

" we are indians" is coded as " nak mak dak".

" we have brain" is coded as " mak chak lake".

"have some fun" is coded as " chak tek rok".

"indians like peace" is coded as " dak sok peak".

What is the code for the word "are"?

A) mak

B) nak

C) dak

D) chak

39) Given below a question followed by 2 statements. Choose the statement/statements required to answer the question by selecting the right option.

Question: Is Alex the son of David?

Statements:

I. Alex is the father of Tony.

II. David is the grandfather of Tony.

A) Statement I alone is sufficient

B) Statement II alone is sufficient

C) Both statements I and II together are sufficient

D) Neither statement I nor statement II are sufficient

40) Given below a question followed by 2 statements. Choose the statement/statements required to answer the question by selecting the right option.

Question: Is X a positive integer?

Statements: I. X² = 49 II. X < 8

- A) Statement I alone is sufficient but statement II alone is insufficient
- B) Statement II alone is sufficient but statement I alone is insufficient
- C) Both statements I and II together are sufficient
- D) The question can't be answered even by using both the statements

41) Given below a question followed by 2 statements. Choose the statement/statements required to answer the question by selecting the right option.

Question: Is Tomorrow a Sunday?

Statements:

I. Yesterday was not Monday.

II. Day before yesterday was not Thursday.

A) Statement I alone is sufficient

- B) Statement II alone is sufficient
- C) Both statements I and II together are sufficient

D) Neither statement I nor statement II are sufficient

42) Given below are 2 statements followed by 2 conclusions. Choose the conclusion/conclusions that follow(s) the given statements by selecting the right option.

Statements: I. All ants are black II. Some cats are ants

Conclusions: I. Some cats are black

II. Some blacks are cats

A) Only conclusion I follows

B) Only conclusion II follows

C) Both conclusions I and II follow

D) Neither conclusion I nor conclusion II follows

43) Given below are 2 statements followed by 2 conclusions. Choose the conclusion/conclusions that follow(s) the given statements by selecting the right option.

Statements:

I. Some chocolates are fruits.

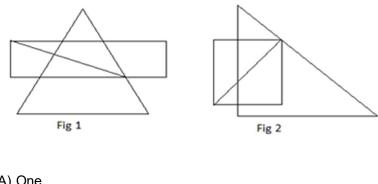
II. No fruit is a cake.

Conclusions:

I. Some fruits are chocolates.

II. Some chocolates are not cakes.

- A) Only conclusion I follows
- B) Only conclusion II follows
- C) Both the conclusions I and II follow
- D) Neither conclusion I nor conclusion II follows



44) How many more triangles are there in the 1st figure as compared to the 2nd figure?

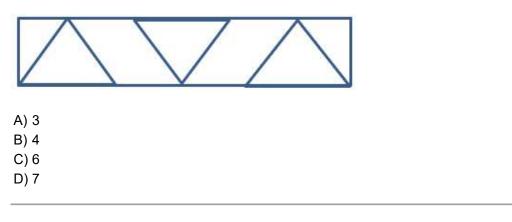
A) One

B) Two

C) Three

D) Four

45) How many paralellograms are there in the given figure?



46) Given below a statement followed by 2 inferences. Choose the inference that can be inferred from the given statement by selecting the right option.

Statement: The total mango exports in the country reduced by 30% from last year to the present year.

Inferences:

I. The total production of mangoes is reduced from last year to the present year.

- II. Only good quality mangoes are exported.
- A) Only inference I follows
- B) Only inference II follows
- C) Both inferences I and II follow
- D) Neither inference I nor inference II follows

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47) Given below a statement followed by 2 inferences. Choose the inference that can be inferred from the given statement by selecting the right option

Statement : Cost of an article is first increased by 10% and then decreased by 10%.

Inferences:

I. The final cost is lesser than the original cost.

- II. The final cost is same as the original cost.
- A) Only inference I follows
- B) Only inference II follows
- C) Both inferences I and II follow
- D) Neither inference I nor inference II follows

48) Given below a statement followed by 2 inferences. Choose the inference that can be inferred from the given statement by selecting the right option.

Statement: Heavy rain has affected the production of crops due to which the price of each of the vegatables has increased.

Inferences:

- I. Price of vegetables depends on their production.
- II. Least rain would have resulted in more production and eventually less price of vegetables.

A) Only inference I follows

- B) Only inference II follows
- C) Both inferences I and II follow
- D) Neither inference I nor inference II follows

49) In three of the options, the 2nd number is related to the 1st number in a similar logical way. Which is the odd one out?.

A) 123 - 6 B) 723 - 35 C) 345 - 60 D) 521 -10

50) In three of the options, the 2nd number is related to the 1st word in a similar logical way. Which is the odd one out?

A) SQUARE - 6 B) CUBE - 4 C) RECTANGLE- 8 D) TRIANGLE - 8 51) What amount will Alex gets in return if he pays ₹ 10 and buys 5 biscuits of ₹ 1.5 each?

A) ₹ 2.50

B) ₹ 5.00

C)₹7.50

D) ₹ 8.00

52) The cost of an apple is ₹5, that of a mango is ₹ 4, and that of a watermelon is ₹ 10. What is the maximum number of fruits that I can buy exactly with ₹100, so that I have atleast 1 fruit of each variety?

A) 21

B) 22

C) 23

D) 24

53) What is the next number in the series given below?

4,27,16,125,36,343,?

A) 256

B) 196

C) 64

D) 49

54) Which is the next letter in the letter series given below?

B, D, H, P, F, ?

A) J B) K C) L D) M

55) There are 4 expressions given below. 3 of them are similar and can be classified into a group. Which of these expressions form a group?

3! X 4!
 12 x 12
 198 - 44
 576/4
 A) 1, 2 and 3
 B) 1, 3 and 4
 C) 2, 3 and 4

D) 1,2 and 4

56) There are 4 words given below. 3 of them are similar and can be classified into a group. Which of these words form a group?

1) Ratio

2) Fraction

3) Portion

4) Addition

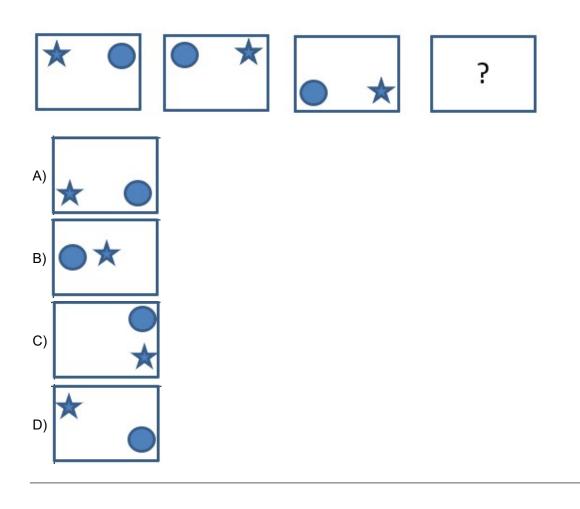
A) 1,2 and 3

B) 1,2 and 4

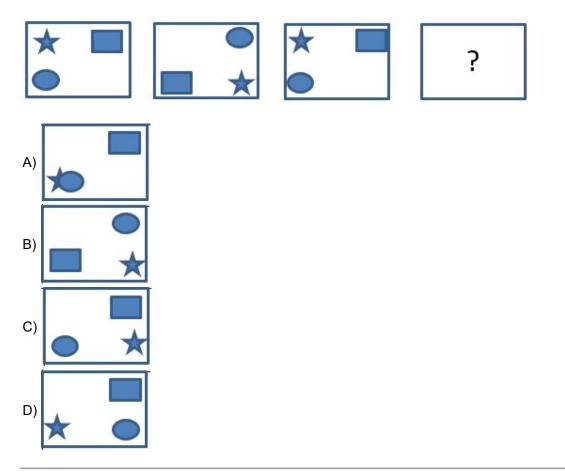
C) 2,3 and 4

D) 1, 3 and 4

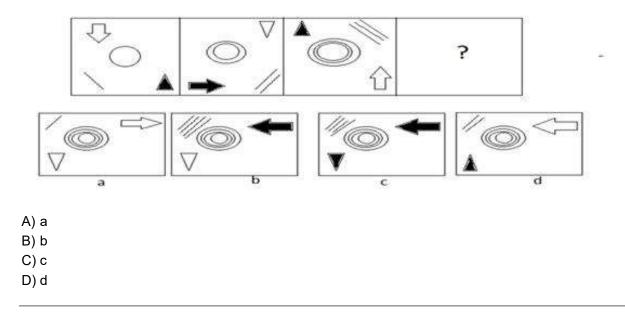
57) Which figure replaces the question mark in the given figure series?



58) Which figure replaces the question mark in the given figure series?



59) Which figure replaces the question mark in the given figure series?



60) Assuming the statement given in the question to be true, point out the inference as one of the following

(a)- True (b) – False (c) – Uncertain (d) – Irrelevant

Statement: The advertisement in a local newspaper said " Company X gives job preference for local youth in their company and all those who are eligible can apply"

Inference: The local newspaper gives advertisements regarding job opportunities.

A) a

B) b

C) c

D) d

Section 3 - Quantitative Skills Part A

No. of Questions: 30

61) There are 3 teams with 5 players in each team. The average age of the players in these 3 teams are 23, 25 and 30. What is the average age of all the players in these 3 teams taken together?

A) 25

B) 26

C) 27

D) 28

62) There are two sections A and B of a class, consisting of 35 and 45 students respectively. If the average weight of all the students of section A is 38 kg and that of all the students of section B is 42 kg, then what is the average weight of all the students in both the sections together?

A) 38.75 kg B) 39.25 kg C) 39.75 kg D) 40.25 kg

63) Marie bought a 1-year certificate of deposit and the annual interest earned on the deposit is 6 percent compounded semi-annually. What was the amount invested, if the interest earned on the certificate at maturity is ₹ 60.9?

A) ₹ 100
B) ₹ 1,000
C) ₹ 1,010
D) ₹ 1,100

64) Mike invested ₹ 1,000 at simple interest. If the amount became 3 times in 12.5 years then what will be the total amount of the investment after 25 years?

A) ₹ 3000
B) ₹ 5000
C) ₹ 7000
D) ₹ 9000

65) Sikha spends $(1/3)^{rd}$ of her salary on room rent, $(1/4)^{th}$ of the remaining on loan repayment, and $(1/5)^{th}$ of the remaining on food. What fraction of her salary is left with her?

A) 1/5

B) 2/5

C) 3/5

D) 4/5

66) In a certain exam, $(1/10)^{th}$ of the students passed by 1^{st} division, $(1/4)^{th}$ of the students passed by 2^{nd} division, and half of the students passed by 3^{rd} division. If the remaining 54 students failed in the exam, then what was the total number of students who appeared in the exam?

A) 320

B) 340

C) 360

D) 380

67) Area of a circle is same as that of a square of length 10 cm. The circumference of the circle is

A) 10√π cm

B) 20√π cm

C) 10√2π cm

D) 20√2π cm

68) The perimeter of a square is P cm and the area of the circle inscribed in it is A cm². If P = 4A, then what is the length of a side of the square?

A) 4/π cm

B) 12/π cm

C) 14/π cm

D) 16/π cm

69) If + means multiplication, – means addition, \div means subtraction and x means division, then what is the value of the expression 72.42 - 385.66 - 4976.38?

A) 5432.46

B) 5433.46

C) 5434.46

D) 5435.46

70) If + means multiplication, – means addition, \div means subtraction and x means division, then what is the value of the expression $2522 \times 97 - 34 + 43 \div 96 - 69$?

A) 1353

B) 1461

C) 1557

D) 1579

71) A number when divided by 24 leaves a remainder of 13. What remainder would the number leave when divided by 6?

A) 0

B) 1

C) 2

D) 3

72) If 'x' and 'y' are positive integers and 'x + y' is even, then which of the following must always be even?

A) x B) y C) x (y + 1) D) (x +1) (y + 1)

73) Which of the following numbers is the smallest number that is completely divisible by all of the given numbers 2, 3, 4, 5, 6, 7, 8, 9 and 10?

A) 1260
B) 2520
C) 5040
D) 362880

74) Which of the following is the greatest divisor of the product of any 3 consecutive even integers?

A) 16 B) 24

C) 48

D) 96

75) 20% of the total cost of a projector is payable at the time of purchase and the remaining is payable at the time of installation. If \gtrless 6,000 is paid at the time of purchase, then what is the amount payable at the time of installation?

A) ₹ 12000

B) ₹ 18000

C) ₹ 24000

D) ₹ 30000

76) In a survey of 500 people living in an apartment, only 70% of the people responded to the survey. Of them, only 40% responded in favour of construction of a swimming pool. What percentage of all the people surveyed did NOT respond in favour of construction of a swimming pool?

A) 30%

B) 42%

C) 60%

D) 72%

77) Mark saves at least ₹ 8,000 on the purchase of an electric scooter which is sold at 20% discount. What could be the minimum possible marked price of the electric scooter?

A) ₹ 10000B) ₹ 20000

, C) ₹ 40000

D) ₹ 80000

78) During a film festival, a series of two successive discounts is offered on the sale of movie tickets. A discount of x% is offered on the sale price of the ticket and an additional discount of x% is offered on the discounted price of the ticket. If the total discount is equivalent to 36%, then what is the value of x?

A) 17%

B) 18%

C) 19%

D) 20%

79) Ramesh sells a mobile phone for ₹ 18,000 and thereby makes a profit of 20%. If he wishes to make a profit of 25%, by what percentage he must increase the current selling price of the mobile phone?

A) 4%

B) 4.17%

C) 5%

D) 5.17%

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80) A trader buys mangos at the rate of 4 mangos for ₹ 75 and sells mangos at the rate of 7 mangos for ₹ 190. If the trader wants to make a profit of ₹ 235, then what is the number of mangos he must buy and sell?

A) 18

B) 21

C) 24

D) 28

81) Three friends decided to split their monthly house rent in the ratio 3 : 4 : 5. If their monthly house rent was ₹ 20,000, then what was the least share paid among all the three friends?

A) ₹ 3000

B) ₹ 4000

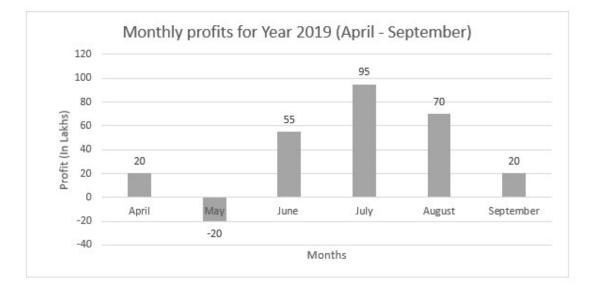
C) ₹ 5000

D)₹6000

Directions for Questions 82 - 83:

Read the following information carefully and answer the question that follows.

82) The given bar graph represents the monthly profits of Company X. Please answer the question(s) based on the given data.



For how many months in Year 2019, the percentage change in monthly profits was positive?

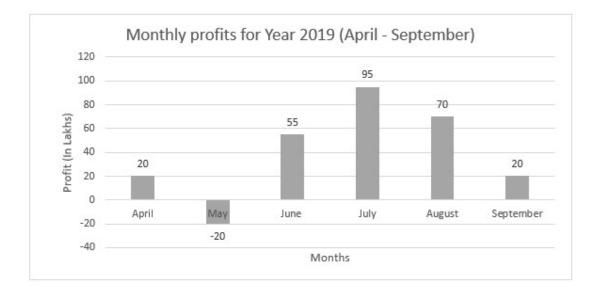
A) 1

B) 2

C) 3

D) 4

83) The given bar graph represents the monthly profits of Company X. Please answer the question(s) based on the given data.



If percentage change in profit from September to October is same as percentage change in profit from July to August, then what would be the approximate monthly profit in October?

A) 5,00,000
B) 10,00,000
C) 15,00,000
D) 20,00,000

84) In a certain city, the number of people who have health insurance is 1.5 times the number of people who don't have health insurance. What is the ratio of the number of people who have health insurance to the total number of people in the city?

A) 2 : 3 B) 2 : 5 C) 3 : 5 D) 3 : 7

85) The ratio of selling price to the marked price of an article is x : y whereas the ratio of its marked price to its cost price is 3 : 2. If the profit earned on the article is 20% of the cost price, what is the ratio of the marked price to the selling price?

A) 4 : 3

B) 4 : 5

C) 2 : 1

D) 5 : 4

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86) A man walking upward on a staircase at the speed of x steps per second takes a total time of y seconds to reach the top. At what speed (in steps per second) he should walk to reach at the top in y/3 seconds?

A) 3/x

B) 3x/2

C) 2x

D) 3x

87) At 9 AM, train X left from station A towards station B at uniform speed of 90 km/hr. After 2 hours, train Y left from station B on a parallel track towards station A at uniform speed of 60 km/hr. If train X reached station B at 2 PM, then at what time the two trains had crossed each other?

A) 10:48 AMB) 11:20 AMC) 12:48 PM

D) 1:20 PM

88) 9 men working together can complete a piece of work in 12 days. How many days will it take for 24 men to complete the same piece of work?

A) 2.5 days

B) 3.5 days

C) 4.5 days

D) 5.5 days

89) 'A' can complete a task in 10 days whereas 'B' can complete the same task in 15 days. If 'A' and 'B' work on alternate days starting with 'A', then what is the total number of days required to complete the task?

A) 11

B) 12

C) 13

D) 14

90) In a certain manufacturing plant, the ratio of the number of workers to managers is 7 : 2. The total number of employees which consists of workers and managers only is 45,000. The manufacturing plant plans to hire new employees such that for every five workers there is a manager. How many new workers should the manufacturing plant hire?

A) 26,000

B) 20,000

C) 15,000

D) 10,000

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Section 4 - Quantitative Skills Part B

No. of Questions: 30

91) What is the average of first 101 consecutive odd numbers?

A) 99

B) 100

C) 101

D) 102

92) The average of a group of 12 numbers increases by 1.5 when one of the numbers is replaced by 9. What is the value of the number that was replaced?

A) -9

B) -3

C) 0

D) 4

93) A rabbit on a controlled diet is fed a total of 1 kg of carrot every day. There are 2 types of carrots that are fed to the rabbit. Type X carrot contains 60% protein and type Y carrot contains 80% protein. If the rabbit must be fed 650 grams of protein everyday, then how many grams of type X carrot must be fed to the rabbit?

A) 650 grams
B) 750 grams
C) 850 grams
D) 950 grams

94) The simple interest and compounded interest (compounded annually) earned on a certain sum of money are ₹ 8,000 and ₹ 8,400 respectively. If the principal is ₹ 40,000 and the rate of interest is 10% per annum, then what is the duration of the investment?

- A) 1 year
- B) 1.5 year
- C) 2 year
- D) 2.5 year

95) Investment of ₹ 4,000 at R% per annum compounded annually becomes ₹ 16,000 in 8 years. If ₹ 2,000 is invested at R% per annum compounded annually, then in how many years will the investment become 16,000?

A) 8

B) 10

C) 12

D) 14

96) A person deposited a sum of ₹ 50,000 in a fixed deposit account which returns an annual interest of 10 percent compounded annually. However, an income tax of 20% is deducted on the interest amount at the end of each year. What would be the final value of the investment after 2 years?

A) ₹ 58,000
B) ₹ 58,320

C) ₹ 59,400

D)₹60,500

97) A certain number of cakes is distributed equally among Alex, Bruce, Clive and Daniel. Alex gives away (3/4)th of his cakes equally among the other three people. Later Bruce gives half of his cakes to Daniel. What fraction of the total number of cakes does Daniel have in the end?

A) 5/16

B) 7/16

C) 15/32

D) 17/32

98) A fruit juice mixture contains 2/5th pure orange juice and the remaining mixture has (1/3)rd pure sweet lime juice. What fraction of the fruit juice mixture is pure fruit(orange and sweet lime) juice?

A) 2/5 B) 3/5 C) 7/15 D) 8/15

99) Manish has a stick of length 1 metre. He marks the stick at thirds (to divide the stick into 3 equal pieces) with blue pen and at fifths (to divide the stick into 5 equal pieces) with red pen. He then cuts the stick at all the blue and red markings and hence the stick is divided into 7 pieces. What is the length (in metre) of the smallest piece?

A) 1/5

B) 1/15

C) 2/15

D) 2/5

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100) Perimeter of a rectangle is equal to the perimeter of a square whose diagonal is $10\sqrt{2}$ cm. If the length of the rectangle is thrice its breadth, then what is the area of the rectangle?

A) 45 sq. cm B) 75 sq. cm C) 100 sq. cm D) 200 sq. cm

101) In trapezium ABCD, AB is parallel to CD and AC = BD. If area of the trapezium is 60 sq cm and the height of the trapezium is 10 cm, then what is the length of the diagonal?

A) 10 cm

B) √116 cm

C) 5√5 cm

D) √136 cm

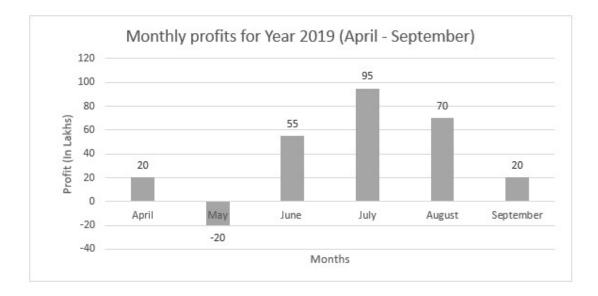
102) A circle with area 36π sq. cm is inscribed in an equilateral triangle. What is the area (in sq.cm) of the triangle?

A) 27√3
B) 54√3
C) 108√3
D) 144√3

Directions for Questions 103 - 105:

Read the following information carefully and answer the question that follows.

103) The given bar graph represents the monthly profits of Company X. Please answer the question(s) based on the given data.



In Year 2019, for how many months given in the data, the monthly profit was greater than the average monthly profit for company X in the given 6 months?

A) 1

B) 2

C) 3

D) 4

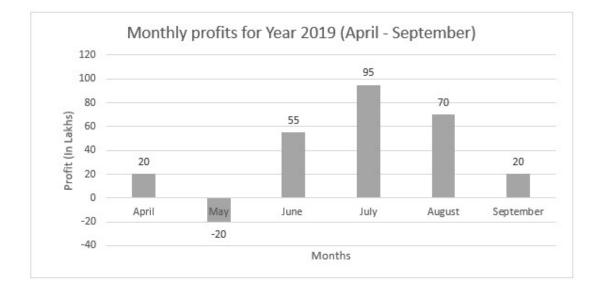
104) The given bar graph represents the monthly profits of Company X. Please answer the question(s) based on the given data.



In year 2019, the average monthly profits (in Lakhs) for the given 6 months from April to September lies between which of the following ranges?

- A) Between 15 and 25
- B) Between 25 and 35
- C) Between 35 and 45
- D) Between 45 and 55

105) The given bar graph represents the monthly profits of Company X. Please answer the question(s) based on the given data.



If the average monthly profit for the entire financial year (April 2019 to March 2020) is 1.5 times that of the first two quarters (April 2019 to September 2019), then what should be the average monthly profit for the next two quarters (October 2019 to March 2020)?

A) 40,00,000
B) 60,00,000
C) 70,00,000
D) 80,00,000

106) If + means multiplication, – means addition, \div means subtraction and x means division, then what is the value of the expression 456 × 24 + 38 \div 958 – 364 ?

A) 126

B) 127

C) 128

D) 129

107) If + means multiplication, – means addition, \div means subtraction and x means division, then what is the value of the expression [18+15+20]×[(3.2-9.4)+7.6]?

A) 30

B) 40

C) 50

D) 60

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108) For a positive number N, if N² is completely divisible by 24, then which of the following is the greatest number by which N must be completely divisible?

A) 6

B) 12

C) 18

D) 24

109) In a school with 400 students, the number of boys is 3 times the number of girls. If 70 percent of the boys walk to school and 60 percent of the girls walk to school, then what percentage of the total students in the school walk to school?

A) 60% B) 62.50% C) 65% D) 67.50%

110) A certain manufacturer sells an item to the wholeseller at a profit of 20% of the cost price. The wholeseller sells the item further to the retailer at a profit of 20% of his cost price. If the retailer sells the item further to the consumer at a profit of 20%, then the buying price for the consumer is what percentage above the cost price of the manufacturer?

A) 60
B) 62.8
C) 68.2
D) 72.8

111) During a summer sale, additional tax at the rate of 5% of the discounted price is levied on discounted items. If the marked price of a shirt is \gtrless 2,500, and a discount of 30% is offered on the shirt during the summer sale, then what would be the final selling price of the shirt after the extra tax?

A) ₹ 1,750
B) ₹ 1,822.50
C) ₹ 1,837.50
D) ₹ 1,875

112) The marked price of a bicycle is ₹ 10,000. Manish bought the bicycle during the summer sale for a discount of 33.33%. If Manish later sold the bicycle to Rahul for a price equal to the original marked price of the bicycle, then what was the percentage of profit earned by Manish?

A) 25%
B) 33.33%
C) 50%
D) 66.67%

113) For every 2 boy students there are 3 girl students and for every 4 male teacher there are 5 female teachers. If the ratio of number of teachers to the number of students is 1:10, then which of the following is the ratio of the number of boy students to the number of male teachers?

A) 36 : 5
B) 27 : 2
C) 9 : 1
D) 54 : 5

114) There are two laps in a race. An athlete ran the first lap at an average speed to 20 m/s. However, he could manage an average speed of only 10 m/s in the second lap. What is his average speed for the complete race?

- A) 11.67 m/s
- B) 12.50 m/s
- C) 13.33 m/s
- D) 15 m/s

115) Two trains running in the same direction on two parallel tracks take 30 seconds and 60 seconds to cross a stationary pole. If the faster train takes 50 seconds to overtake the slower train completely, then what is the ratio of the speed of the faster to the slower train?

A) 11 : 2 B) 9 : 2 C) 7 : 2 D) 5 : 2

116) A train crosses a man walking in the same direction as that of the train at the speed of 26 m/s in 13 seconds and a boy walking in the opposite direction of that of the train at the speed of 18 m/s in 11 seconds. What is the speed of the train?

- A) 67 m/s
- B) 134 m/s
- C) 268 m/s
- D) 536 m/s

117) Machine A produces 90 toys in 15 minutes and machine B produces 60 toys in 30 minutes. If both the machines run simultnaeously, then how many minutes will be required to produce 400 toys?

A) 35

B) 40

C) 45

D) 50

118) If 4 identical taps can fill a 100 litre tank in 6 hours, then how many hours will be required to fill a 150 litre tank by 8 such taps?

A) 3 hours

B) 4.5 hours

C) 6 hours

D) 7.5 hours

119) Working together, A and B can complete a work in 10 days, B and C can complete the same work in 12 days and C and A can complete the same work in 15 days. If A, B and C work together, then how many days will be required to complete the work?

A) 4

B) 6

C) 8

D) 10

120) If + means multiplication, – means addition, \div means subtraction and x means division, then what is the value of the expression 12.5 + 14 × 8.75 – 12 ?

A) 20

B) 22

C) 30

D) 32

Section 5 - Verbal Skills Part A							
No. of Questions: 30							
121) Fill in the blanks with the correct option:							
One of my dogs is very moody dog.							
A) a B) an C) the D) No article required							
122) Fill in the blanks with the correct option:							
After eating fruit without washing it, I developed itchy rash.							
A) a, a B) the, an C) the, the D) an, a							
123) Fill in the blanks with the correct option:							
All people I work with are young.							
A) No article required B) an C) a D) the							
124) Fill in the blanks with the correct option:							
Although I am busy person, I have enrolled myself for Spanish classes.							
 A) a, No article required B) an, the C) No article required, an D) the, the 							

125) Fill in the blanks with the correct option:								
Robert is one who has writtenbook about worsening environmental conditions.								
A) a, the								
B) the, a								
C) an, a								
D) the, an								
126) Fill in the blanks with the correct option:								
I do not remember day when I have s	seen Roshan with	smile on his face.						
A) the, No artticle required								
B) a, a								
C) the, an								
D) No article required, an								
127) Fill in the blanks with the correct option:								
Is my desire to settle in United States	unjustified dream?							
A) the, no article required								
B) No article required, the								
C) the, an								
D) No article required, an								
128) Fill in the blanks with the correct option								
I will be with you a moment.								
A) in								
B) at								
C) above								
D) until								

129) Which of the following prepositions fill the blanks correctly?

a) on, b) in, c) at, d) over, e) under, f) across, g) towards

The dog ran _____ the road ______ its master who was standing _____ a tree _____ rain.

A) a,e,d,f

B) b,c,e,f

C) f,g,e,b

D) b,d,e,f

130) Fill in the blanks with the correct option:

We have ______ of financial problems but are still managing to survive.

A) lots

B) none

C) much

D) several

131) Fill in the blanks with the correct option:

____ time my mom cooks chicken at home I eat twice the amount I normally eat

A) Many

B) Some

C) All

D) Every

132) Fill in the blanks with the correct option:

Thank you for ______ the favours shown to me at ______ juncture.

A) both, several

B) all, every

C) some, each

D) lots of, all

133) Fill in the blanks with the correct option:

She bought ______ skirts but returned _____ of them the next day.

A) much, much

B) several, both

C) many, most

D) some, each

134) In which of the following sentences is the quantifier 'fewer' used INCORRECTLY?

a) I have received fewer advices from my mother than my father.

b) Raghu will need fewer tools than what you have.

c) Jim's requirement is fewer than your requirement.

d) The pain received by him were fewer so no action was taken.

A) b and d

B) a,c,d

C) a,b,c

D) c and d

135) Match the following Quantifiers in column 1 with their respective nouns in column 2:

Column 1	Column 2
i.Much	a. Children
ii.Lots of	 b. Tables
iii.Many	c. Help
iv.Several	d. Control
A) i-a, ii-c, ii	i-d, iv-a

B) i-d, ii-a, iii-c, iv-b
C) i-b, ii-c, iii-a, iv-d
D) i-c, ii-d, iii-b, iv-a

Read the following passage and answer the questions (136-141):

Chromosomes are structures in the nucleus of a cell containing DNA, histone protein, and other structural proteins. Chromosomes also contain genes, most of which are made up of DNA and RNA. DNA, or deoxyribonucleic acid, determines whether our eyes are blue or brown, how tall we will be, and even our preference for certain types of behaviour. Known as our "genetic code," it is shaped like a double helix, made of sequences of nucleic acids attached to a sugar phosphate backbone. Genes are subsections of DNA molecules linked together that create a particular characteristic. Each chromosome is made up of a single DNA molecule coiled around histone proteins. Research dating back to the 1800s shows that every living creature has a specific set of chromosomes in the nucleus of each of its cells. Human chromosomes are divided into two types-autosomes and sex chromosomes. Some genetic traits are linked to a person's sex and therefore passed on by the sex chromosomes. The autosomes contain the remainder of a person's genetic information. All human beings have 23 pairs of chromosomes by which genetic material is developed and characteristically demonstrated; 22 of these are autosomes, while the remaining pair (either XX, female, or XY, male) represents a person's sex chromosomes. These 23 pairs of chromosomes work together to create the person we ultimately become. Chromosomal abnormalities can occur during foetal development if something goes wrong during the replication of the cells. Common abnormalities include Down syndrome (caused by an extra chromosome #21), Klinefelter syndrome (caused by an extra X chromosome), and Turner syndrome (caused by a missing X chromosome). Genetic counselling is available for families in order to determine if any abnormalities exist that may be passed along to offspring. Many chromosomal abnormalities are of psychological importance, with substantial impacts on mental processes; for example, Down syndrome can cause mild to moderate intellectual disabilities. As science advances, the ability to manipulate chromosomes is becoming more realized. Cloning is an example of taking chromosomal and genetic material and creating a new animal, and was first successfully achieved in the famous example of Dolly the sheep. There is much controversy surrounding the manipulation of chromosomes in human beings, with many people believing it to be unethical. Genetic expression can be influenced by various social factors, as well as environmental factors, from light and temperature to exposure to chemicals.

136) According to the passage, DNA determines all of the following EXCEPT;

A) Colour of the eye

- B) Height of the person
- C) Behaviour of the person
- D) Time of a person's death

137) Which of the following syndromes is caused by an extra X chromosome?

- A) Down syndrome
- B) Klinefelter syndrome
- C) Turner syndrome
- D) XYY syndrome

138) Cloning was first successfully achieved in the famous example of

A) Dolly the sheep

- B) Dolly the cat
- C) Dolly the cow
- D) Dolly the pigeon

139) According to the passage which of the following is NOT a true statement?

- A) Social and environmental factors can alter genetic expression.
- B) Characteristics of a person depend on the subsections of DNA, genes.
- C) Every living creature acquires a specific set of chromosomes after birth
- D) Nucleus of a cell contains DNA, histone protein, and other structural proteins.

140) Controversy surrounding the manipulation of chromosomes in human beings is because

- A) people consider it incomplete
- B) it is premature conclusion
- C) such research is costly
- D) the process is unethical

141) Genetic counselling is available for families

- A) to identify if any abnormalities exist and if they will be passed on to offspring
- B) because they must be prepared to tackle the side effects of abnormalities
- C) to prepare them for the eventual abnormalities among all their offspring
- D) because it will help parents to welcome their newly born baby better

142) Which of the following sentences is INCORRECTLY written?

a) My neighbour's dog growl at me

b) The culture of respecting elders is slowly waning.

c) Fish and hot rice is my father's favourite dish.

d) Neither Ram nor Shyam are responsible for this mishap.

A) b and c

- B) a and d
- C) a and b
- D) a,b and c

143) Which of the following sentences is CORRECTLY written.?

- A) It is boring when I went home yesterday.
- B) Yesterday my going home is boring.
- C) I went home yesterday and it is boring.
- D) It was boring when I went home yesterday.

144) Which of the following sentences are INCORRECT?

a) This route is more long than we all expected

b) My suspicion about him proves to be truthful

c) All the advices to stay calm fell on deaf ears

d) He agreed to share his property with his sister.

A) a,b,c

B) c and d

C) only d

D) only a

145) Fill in the blanks with the correct option:

Sam _____ in Bombay ever since his childhood.

A) was living

B) will be living

C) has been living

D) is living

146) Fill in the blanks with the correct option:

you here last night?

A) Were

B) Are

C) Be

D) Is

147) Fill in the blanks with the correct option:

The principal ______ you tomorrow because he is ______ Delhi .

A) must not see, has to leave

B) not seeing, going to leave

C) cannot see, leaving for

D) will not see, left for

148) Identify the synonym of the underlined word:

You must follow all the directives even after getting vaccinated.

A) coverage

B) news

C) masters

D) instructions

149) Identify the synonym of the underlined word:

Please do not berate me for this mischief; I am not responsible.

A) praise

B) notify

C) scold

D) hail

150) Select the two answer choices that, when used to complete the sentence, fit the meaning of the sentence as a whole and produce completed sentences that are alike in meaning.

Do not give me ______ flattery; I like you to be genuine.

a) gross

b) artificial

c) positive

d) absolute

e) fake

f) good

A) b,e

B) a,c

C) d,f

D) c,b

Section 6 - Verbal Skills Part B

No. of Questions: 30

151) In which of the following sentences is the article used INCORRECTLY?..

A) Mary like her father is training to be an engineer.

B) My brother is married to a chinese girl.

C) I want to spend a Saturday with you.

D) What an unique experience!

152) In which of the following sentences is the article used INCORRECTLY?

A) Gloria is the one who knows the plan thoroughly.

B) Give him an another chance to complete the work.

C) I bought a book, a pencil and an orange for myself.

D) It is an honour to have you as the chief guest of today's function.

153) Fill in the blanks with the correct option:

The minister spoke _____ favour _____ imposing a complete lockdown.

A) for, offB) with, overC) in, ofD) about, for

154) Identify in which of the following sentences is the preposition 'by' used CORRECTLY.

a) Can you come **by** to my house tomorrow?

b) The book was published by a leading publisher.

c) The government is planning to re-open the colleges by Monday.

d) The management accepted to resolve the problem by appointing a committee.

A) c,d

B) a.c

C) b,d

D) a,b,c

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155) Identify in which of the following sentences is the preposition 'at' is used correctly.

a) At the very onset let me congratulate you on your success.

b) The desert at Rajasthan is called 'The Great Indian desert'.

c) I was seated **at** the table with lots of pomp and show.

d) Will this be available in the hotel at the hill?

A) a,c

B) b,d

C) a,b

D) c,d

156) Fill in the blanks with the correct option:

I do not know much	your plans but I feel sorry	you and your sister.
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A) with, atB) for,inC) until, about

D) about, for

157) Which of the following prepositions fill the blanks correctly?

a) along b) it, c) through, d) between, e) to, f) in, g) from

_____ morning _____ has been raining heavily because of depression __ the Bay of Bengal, according _____ the weather forecast.

A) c,b,g,d
 B) g,b,f,e
 C) a,d,f,g
 D) c,b,d,f

158) Which of the following prepositions fill the blanks correctly?

a) In front of b) it, c) through, d) between, e) to, f) before, g) from

Standing _____ the two roads I was finding ___ difficult _____ choose _____ the two paths.

A) d, e, f, g B) c, b,d, f C) b, d, f, e D) a, b, e, d

159) Identify from the list all the quantifiers that can fit the blank correctly:

a) Much b) Many c) Enough d) All e) Several f) Lots of

_ food is cooked and you need not be anxious.

A) a and b B) b,d and e C) a, c and f D) b and e

160) In which of the following sentences is the quantifier used CORRECTLY?

a) I have observed him many a time before reprimanding him.

b) Any time you want me to help, I will be ready to do my bit.

c) Much of the spectators were disappointed with the performance of the team.

d) Both people were asked to vacate the scene immediately.

A) a and b

B) a,b, c and d

C) b and d

D) b,c, and d

Read the following passage and answer the questions(161-162):

"Never mistake knowledge for wisdom. One helps you make a living; the other helps you make a life." – Sandra Carey Knowledge and wisdom are different things. According to Russell, knowledge is defined as the acquisition of data and information, while wisdom is defined as the practical application and use of the knowledge to create value. Wisdom is gained through learning and practical experience, not just memorization. A sense of proportion is very much necessary for wisdom. By inventing medicine, a scientist may reduce the infant death-rate. Apparently, it leads to population explosion and shortage of food. The standard of life comes down. If misused, knowledge of atom can lead human to destruction by manufacturing nuclear weapon. Knowledge without wisdom can be harmful. Even complete knowledge is not enough. For example, Hegel wrote with great knowledge about history, but made the Germans believe that they were a master race. It led to war. It is necessary, therefore to combine knowledge with feelings. We need wisdom both in public and private life. We need wisdom to decide the goal of our life. We need it to free ourselves from personal prejudices. Wisdom is needed to avoid dislike for one another. Two persons may remain enemies because of their prejudice. If they can be told that we all have flaws then they may become friends. So, 'Hate Hatred' should be our slogan. Wisdom lies in freeing ourselves from the control of our sense organs. Our ego develops through our senses. We

cannot be free from the sense of sight, sound and touch. We know the world primarily through our senses. As we grow we discover that there are other things also. We start recognizing them. Thus, we give up thinking of ourselves alone. We start thinking of other people and grow wiser. We give up on our ego. Wisdom comes when we start loving others. Russell feels that wisdom can be taught as a goal of education. Even though we are born unwise which we cannot help, we can cultivate wisdom. Queen Elizabeth I, Henry IV and Abraham Lincoln, are some impressive personalities who fused vigour with wisdom and fought the evil.

161) According to the passage, which of the following statements is a TRUE statement?

- A) Reducing child mortality rate has no impact in increasing population rate.
- B) Once a person is free from the control of sense organs he becomes less wise.
- C) The whole world acknowledges the fact that Germans are the master race.
- D) Knowledge devoid of wisdom can be harmful leading to human destruction.

162) The main purpose of the passage is to

- A) Explain how to cultivate knowledge and avoid egoistic nature
- B) Identify personalities who combined wisdom and knowledge
- C) Convey that knowledge and wisdom must go hand in hand
- D) List out all the differences between knowledge and wisdom.

163) Which of the following is NOT an antonym of CHALLENGING?

A) deny

B) answer

C) ignore

D) confront

164) Identify all the synonyms of the given word: GLOOMY

a) Bleak b) Dark c) Bright d) Cheerful e) Dull

A) a,b,e B) b,c C) c,d D) a,b,c,d

165) Identify all the synonyms of the given word: TRIUMPH

a) lose b) surrender c) fail d) conquer e) overcome f) dominate

A) a,d,e B) c,e,f C) d,e,f D) b,d,e,f

166) Select the two answer choices that, when used to complete the sentence, fit the meaning of the sentence as a whole and produce completed sentences that are alike in meaning.

Learn to ______ when you take help from someone.

a) Recover
b) Request
c) Reciprocate
d) Refuse
e) Repay
f) Regret
A) b,g
B) c,e
C) d,f
D) a,b

167) Select the two answer choices that, when used to complete the sentence, fit the meaning of the sentence as a whole and produce completed sentences that are alike in meaning.

Although he is famous for his _____ nature, he is often criticized for his rude behaviour.

a) Unmindful
b) Disagreeable
c) Greedy
d) Biased
e) Benevolent
f) Generous
A) a,b
B) c,d
C) e,f

D) b,d

168) Select the two answer choices that, when used to complete the sentence, fit the meaning of the sentence as a whole and produce completed sentences that are alike in meaning.

The detective submitted ______evidence to prove that the arrested person was the one who had committed the crime.

a) Copious b) Rare c) Meager d) Ample

e) Incomplete

f) Flawed

A) a,d

B) b,c

C) e,f

D) c,f

169) Which of the following sentences is CORRECTLY written?

A) I will be bored with my self all of yesterday

- B) I look forward to meeting my new boss
- C) I have visited my sister yesterday.
- D) I am liking your new house very much.

170) Which of the following options can replace the underlined part of the sentence correctly?

The young heros recent release is an unexpected hit.

A) The young hero's recently

- B) The young heros' recent
- C) The young hero's recent
- D) The younger heros recent

171) Which of the following sentences are CORRECTLY written?

a) The number of questions that you ask is never ending.

b) All the food that you have ordered for your friends is going waste.

c) Most of the birds will be migrating to safer places within winter.

d) I find it difficult to paying attention to his constant complaints

A) a and b

- B) c and d
- C) b and c
- D) a and d

172) Which of the following sentences is CORRECT?

- A) The police is responsible for maintaining law and order in the society
- B) Improving ones status is always not so important for oneselves.
- C) I cannot give up everything that I am not wanting or liking.
- D) If you had told me the truth, I would have helped you.

173) Which of the following sentences is INCORRECTLY written?

A) Raghav is working with me since three years.

- B) Your behaviour is the best among all your friends.
- C) The place you are shifting to is big enough
- D) Can you confirm if anyone is joining the team?

174) Which of the following options can replace the underlined part of the sentence correctly?

The percentage of Covid-19 cases and the number of deaths from Covid-19 is reflection of the level of spread of the pandemic.

A) are reflective of the level of spread of the pandemic

- B) is reflecting the levels of spreading of the pandemic
- C) are relecting the spreading levels in the pandemic
- D) is reflection in the levels of spreading in the pandemic

175) Fill in the blanks with the correct option:

She_____ as a craft teacher before she ______ a famous painter.

A) had worked, became

B) is working, becomes

C) has worked, becomes

D) was working, had become

176) Fill in the blanks with the correct option:

Yesterday, when my dad_____ out to buy his medicines he_____ with an accident.

A) is going, meetsB) will go, metC) was going, meetingD) went, met

177) Fill in the blanks with the correct option:

I _____ tennis but my father used _____ cricket.

A) will play, to palyingB) played, to playsC) play, to playD) was playing, to playing

178) Fill in the blanks with the correct option:

The teacher ____ not satisfied with the responses of the students so ______ the lesson in the next class.

A) is, will repeatB) is, was repeatingC) was, to repeat

D) was, repeating

179) Fill in the blanks with the correct option:

By the time she ______ what was happening she ______ all the money from her account.

A) realised, had lost

B) was realising, lost

C) realises, is losing

D) was realising, was losing

180) Fill in the blanks with the correct option:

While I ______ in my office, I ______ a call from the chief minister

A) am working, was getting

B) will be working, receive

C) was working, received

D) would work, I had received

Question Paper No:	67357_2					
Answer Key						

1	В	31	C	61	В	91	C	121	А	151	D
2	C	32	В	62	D	92	A	122	В	152	В
3	A	33	D	63	В	93	В	123	D	153	С
4	C	34	D	64	В	94	C	124	А	154	С
5	В	35	D	65	В	95	C	125	В	155	А
6	A	36	C	66	C	96	В	126	В	156	D
7	D	37	В	67	В	97	C	127	С	157	В
8	C	38	В	68	A	98	В	128	А	158	D
9	В	39	D	69	C	99	В	129	С	159	С
10	C	40	D	70	В	100	В	130	А	160	Α
11	A	41	В	71	В	101	D	131	D	161	D
12	C	42	C	72	C	102	C	132	В	162	С
13	C	43	C	73	В	103	C	133	С	163	D
14	В	44	A	74	C	104	C	134	В	164	А
15	В	45	D	75	C	105	D	135	D	165	С
16	С	46	D	76	D	106	C	136	D	166	В
17	C	47	A	77	C	107	C	137	В	167	С
18	A	48	A	78	D	108	В	138	А	168	Α
19	C	49	В	79	В	109	D	139	С	169	В
20	D	50	C	80	D	110	D	140	D	170	С
21	D	51	А	81	C	111	C	141	А	171	Α
22	D	52	C	82	В	112	C	142	В	172	D
23	A	53	C	83	C	113	C	143	D	173	A
24	В	54	С	84	С	114	С	144	А	174	Α
25	С	55	D	85	D	115	А	145	С	175	Α
26	А	56	А	86	D	116	С	146	А	176	D
27	В	57	А	87	С	117	D	147	С	177	С
28	А	58	В	88	С	118	В	148	D	178	А
29	В	59	В	89	В	119	С	149	С	179	Α
30	D	60	А	90	С	120	D	150	А	180	С