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FOR JKSSEE PREPARATION

JKSSEE 2019 Question Paper Class 6

EXAM	YEAR	TYPE
JKSSEE	2019	Question Paper

Roll Number | | | | | | |

TEST BOOKLET

VI

Test Booklet Series/No. SSET

Name of the Candidate :

Signature of the Candidate :

Time: 2½ Hours | Maximum Marks: 180

GENERAL INSTRUCTIONS FOR CANDIDATE

A single test booklet comprising of 04 sections (28 Pages) will be given to each candidate, comprising 120 Questions. **Each question carries 1½ marks.**

a) A separate OMR sheet will be provided. Candidates are required to indicate their answers at an appropriate place on the OMR sheet itself.

b) Only blue/black ball point pen is to be used to write on the OMR sheet. Candidates should bring their own ball point pens. Use of Pencil is strictly prohibited.

c) For each question, there are four probable answers out of which only one is correct. The candidate is required to select correct answer and darken bubble against the correct option provided against each question in the OMR sheet. For example if your answer for question No.5 is D answer like this

05. (A) (B) (C) (D)

d) No change in the answer once written is allowed. Overwriting, cutting and erasing on the OMR Sheet is also not allowed.

About instruction and Examples

a) The candidates must carefully read the instructions given on the cover page of the test booklet as well as those for each test / section before attempting the questions.

b) About one minute may be needed to answer each question. Therefore, the candidate should not spend too much of time on a particular question. If a question is found difficult to answer he may leave it and move on to the next one. This will help him to save time.

c) The total time would be 150 minutes without any break.

d) There will be a bell at the half time.

* No changes in the answer once written is allowed.

* There is only one correct answer for each question, darken only one bubble for each question. If you darken more than one bubble your answer will be treated as wrong. Do not fold or deface the OMR sheet.

* Do not use whitener/correction fluid on OMR sheet.

* Rough work must not be done on the OMR sheet use the last page of the test booklet for rough work.

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Section-A (Mathematics)

1. A Number that must be subtracted from 925564 to make it equal to the sum of 234251 and 352421 will be

(a) 238892 (b) 337892

(c) 338882 (e) 338892

2. 38% is equal to

(a) $\frac{38}{150}$ (b) $\frac{38}{125}$

(c) $\frac{19}{50}$ (d) 3.8

3. In Which of the following numbers only one prime number lie?

(a) 40 and 50 (b) 60 and 70

(c) 80 and 90 (d) 90 and 100

4.If the Product of two Co-prime numbers is 117, their LCM will be

(a) 9 (b) 13

(c) 39 (d) 117

5.The value of 170° F in degree celsius is use $C= \frac{5}{9}(F-32)$ is

(a) 80.3° c (b) 105° c

(c) 78° c (d) None of the above

6. A Room is 12m long and 11m broad. Find the cost of the completing its floor if 1sq.m of carpet cost Rs. 375

(a) Rs 49500 (b) Rs. 48500

(c) 47500 (d) None of the above

7. A train is running at a speed of 62 km/hour How Much time will it take to cover a distance of 310km ?

(a) 4hrs (b) 5hrs

(c) 5hrs 30mins (d) None of the above

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8. Find the difference between the number 35480 and the number obtained by inter changing the places 5 & 8

(a) 3070
(b) 2970
(c) 2870
(d) None of the above

9. 7386032 is divisible by

(a) 3
(b) 4
(c) 9
(d) 11

10. A man spent $\frac{1}{5}$th part of his income on food. $\frac{2}{5}$th part on the rent & the remaining Rs 674 on the other expenses. His house rent.

(a) 1674
(b) 674
(c) 899
(d) None of the above

11. Square root of $13\frac{9}{64}$ is

(a) $3\frac{5}{8}$
(b) $4\frac{5}{8}$
(c) $5\frac{6}{8}$
(d) None of the above

12. LCM of 20,35,56 & 84 is

(a) 830
(b) 840
(c) 980
(d) 950

13. HCF of $3\frac{24}{46}$ and $4\frac{18}{92}$ is

(a) $\frac{1}{46}$
(b) $\frac{2}{46}$
(c) $\frac{3}{46}$
(d) $\frac{4}{46}$

14. Simplify the expression 6 x 0.6 x 0.06 x .0006 x 60 is

(a) 0.7566
(b) 0.07776
(c) 0.8976
(d) 0.7776

15. 18m of clothes costs Rs. 225. how many meters of clothes we have for Rs. 425.

(a) 20m
(b) 34m
(c) 44m
(d) 75 m

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16. A tree is 15m tall & casts 10 long shadow . At the same time a flag pole casts a 100m long shadow. How long is the flag pole ?

(a) 100m
(b) 125m
(c) 150m
(d) None of the above

17. The average of $\frac{1}{2}, \frac{3}{2}, \frac{1}{3}$ & $\frac{1}{4}$ is:

(a) $\frac{31}{24}$
(b) $\frac{21}{48}$
(c) $\frac{35}{48}$
(d) None of the above

18. If 0.96 : x : : 8: 12 the value of x is :

(a) 2.41
(b) 1.44
(c) 3.84
(d) None of the above

19. What must be added to each term of the ratio 61 : 72 so that it become 6 : 7

(a) 12
(b) 20
(c) 5
(d) 16

20. Find the value of $\frac{13}{14}$ % of 238?

(a) 196
(b) 226
(c) 221
(d) None of the above

21. A town population is 150000 in which 40% males, 25% female and the rest are children. Then find the number of children.

(a) 52500
(b) 53500
(c) 54500
(d) 55500

22. If the cost of 20 tables be equal to the selling price of 25 tables. Find the loss per cent.

(a) 30
(b) 25
(c) 20
(d) None of the above

23. In what time will a sum of money put $13\frac{1}{3}$% simple interest triple at cost ?

(a) 15yrs
(b) 20yrs
(c) 12yrs
(d) None of the above

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24. A boat is flowing in still water at the speed of 24km/hour. The speed of boat in meter/second is

(a) 6.66 m/s
(b) 7.56 m/s
(c) 8.66 m/s
(d) None of the above

25. The difference between largest number of four digits and least numbers of three digits is

(a) 9899
(b) 9989
(c) 9998
(d) 8999

26. Numbers 2185 in roman numbers is

(a) MMCLXXXV
(b) MMMCLXXV
(c) MMCLXXIV
(d) None of the above

27. Divide the $1.2875 \div 25$

(a) 0.515
(b) 0.0515
(c) 0.00515
(d) 5.15

28. The square root of 2^8 is

(a) 96
(b) 16
(c) 32
(d) 64

29. Which of the following is equal to 1

(a) $\frac{0.7 \times 6}{10 \times 42}$
(b) $\frac{0.7 \times 6}{1.0 \times 4.2}$
(c) $\frac{0.7 \times 0.6}{10 \times 4.2}$
(d) $\frac{7.0 \times 6.0}{1.0 \times 4.2}$

30. If the difference of the numbers 3.003 and 2.050 is added in their additions, the total number is

(a) 5.053
(b) 5.100
(c) 5.953
(d) 6.006

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31. $\frac{2}{7}$ th part of a certain sum was donated and $\frac{1}{4}$ th was spent on education. the balance amount will be

(a) $\frac{13}{28}$ (b) $\frac{11}{28}$

(c) $\frac{5}{28}$ (d) $\frac{14}{28}$

32. What is subtracted from $\frac{3}{4}$ to get remainder $\frac{2}{3}$

(a) $\frac{1}{2}$ (b) $\frac{2}{12}$

(c) $\frac{1}{3}$ (d) $\frac{1}{12}$

33. Which one of the following is true ?

(a) 1 is a factor of every number
(b) The factors of a numbers are uncountable
(c) The multiples of a number are countable
(d) 1 is a multiple of every number

34. Which of the following is true ?

(a) Every number is a factor of itself
(b) Number of multiples of a number are infinite
(c) A number is exactly divisible by its factors
(d) All are true

35. A bus left Delhi for Dehradun at 10:15am. It took 6h 30min in journey. At what time did the bus reach at Dehradun ?

(a) 4:15pm (b) 4:30pm

(c) 4:45pm (d) 5:00pm

36.How many days are there in 6 Months, 7 weeks & 16 days ?

(a) 255 (b) 257

(c) 235 (d) 245

37. Approximation of 11.003 X 19.998 X 9.010

(a) 1970 (b) 1980

(c) 1710 (d) 1680

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38. Simplify $162 \div 18 + 9 \times 6$ is

(a) 64

(b) 21

(c) 42

(d) 63

39. If $a=3$, $b=4$, $c=5$. Then, Value of $\frac{1}{a} + \frac{2}{b} - \frac{3}{c}$ is

(a) $\frac{30}{7}$

(b) $\frac{7}{30}$

(c) 28

(d) 30

40. In a cricket team, the average age of 11 players and the coach is 18yrs. If the age of coach is not considered, the average decreases by 1 yr. Find out the age of coach ?

(a) 27yr

(b) 28yr

(c) 29yr

(d) 31yr

41. A boy gets Rs 20 per month and spends 50% of it. How much does he save in 1 yr ?

(a) Rs 100

(b) Rs 50

(c) Rs 120

(d) Rs 40

42. If $a:b = 5:14$ and $b:c = 7:3$, then find $a:b:c$.

(a) 7:3:6

(b) 5:14:6

(c) 8:3:5

(d) 5:6:9

43. What is the ratio in between 7 months and 7 yrs?

(a) 1:12

(b) 1:13

(c) 1:14

(d) 1:15

44. A ship covers 5450km in 50 days. Find the per day speed of the ship ?

(a) 105km

(b) 106 km

(c) 109km

(d) 110km

45. The perimeter of a square courtyard is 200 m , its area will be.

(a) 800m

(b) 2500m

(c) 800 sq m

(d) 2500 sq m

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46. The area of a rectangular region is 1053m . Its length is 39m. find its breadth?

(a) 26m

(b) 27m

(c) 28m

(d) 29m

47. 60 cubes of 1 cm side Arun formed a cuboid. what is the volume of cuboid?

(a) 30 cu cm

(b) 60 cu cm

(c) 75 cu cm

(d) 90 cu cm

48.If the sum of each row, column and diagonals are equal, than the value of q,p,r & s respectively , is

19	q	21
p	18	16
15	s	r

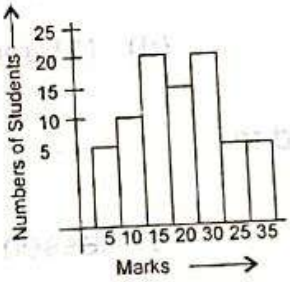
(a) 20,17,14,22

(b) 17,20,14,22

(c) 14,17,20,22

(d) 20,14,17,22

49. Study the diagram and find the number of students obtain less than 20 marks



(a) 35

(b) 45

(c) 65

(d) None of these

50. 1 Km. is equivalent to :

(a) 1000mm

(b) 100000mm

(c) 10000mm

(d) 1000000mm

VI (2019)

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Section - B (English)

Primitive man was probably more concerned with fire as a source of warmth and as a means of cooking food than as a source of light. Before he discovered less laborious ways of making fire, he had to preserve it, and whenever he went on a journey he carried a fire brand with him. His discovery that the fire brand from which the torch may very well have developed, could be used for illumination was probably incidental to the primary purpose of preserving a flame.

Lamps, too, probably developed by accident. Early man may have had his first conception of a lamp while watching a twig or fibre burning in the molten fat dropped from a roasting carcass. All he had to do was to fashion a vessel contain fat and float a lighted reed in it. Such lamps, which were made of hollowed stones or sea shells, have persisted in identical form up to quite recent times.

51. The most important use of fire for primitive man was

(a) to provide warmth
(b) to provide light
(c) to cook food
(d) (1) and (3)

52. Primitive man used the fire brand to

(a) keep away the wild animals
(b) lessen the labour
(c) provide light
(d) prevent accidents

53. In the passage 'primary' means

(a) primitive
(b) elemental
(c) fundamental
(d) essential

54. Lamps, too, probably developed by accident. This statement shows that lamps developed through

(a) an accident
(b) chance
(c) planning
(d) fate

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55. Which of the following may be the best title for the passage ?

(a) Discovery fire
(b) Uses of fire
(c) Primitive man and fire
(d) Lamps

Directions (Q. No. 56 to 60) : Each of the following questions has four sentences, indicated by A,B,C and D. Choose the most logical order of sentences from the given choices to construct a meaningful paragraph.

56. A) Children used to call him Chacha Nehru
B) So, his birthday is celebrated as Children`s day.
C) He loved children very much
D) Jawahar Lal Nehru was born on 14thNovember.
The correct order is

(a) BACD
(b) CADB
(c) DCAB
(d) ABCD

57) A) He is a very intelligent boy.
B) I have many friends.
C) Gautam is my best friend.
D) He always get good marks.
The correct order is

(a) BCAD
(b) CADB
(c) DCBA
(d) ACBD

58) A) I woke up suddenly.
B) It was dark.
c) I heard a loud noise
D) I could not see anything.
The correct order is

(a) BCDA
(b) DACB
(c) CBDA
(d) CABD

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59) A) Two brothers found a bag of money.
B) They agreed to divide the money.
C) Suddenly a monkey came there.
D) He snatched the bag and ran away
The correct order is

(a) CDBA (b) BDCA
(c) CADB (d) ABCD

60) A) One day he found a box in his net.
B) He was very poor.
c) Once there was a fisherman.
d) The box was filled with jewellery.
The correct order is

(a) ADCB (b) CBAD
(b) DABC (d) ABCD

Directions (Q. No. 61 to 65) : Each of the following questions, select the option which is correctly punctuated

61) (a) Dont you hear that I am leaving now ?
(b) Don`t you hear that I am leaving now !
(c) Don`t you hear that I m leaving now.
(d) Don`t you hear that I am leaving Now!

62) (a) Butter which is lighter than water, floats on it`s surface.
(b) Butter, which is lighter than water, floats on its surface.
(c) Butter, which is lighter than water, floats on it`s surface.
(d) Butter which is lighter than water floats on its`s surface.

63) (a) Our class enjoyed reading the poem dreams by langston hughes.
(b) Our class enjoyed reading the poem `dreams` by Langston Hughes.
(c) Our class enjoyed reading the poem 'Dreams' by Langston Hughes.
(d) Our class enjoyed reading the poem 'dreams' by Langston Hughes?

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64) (a) Can we leave the room Miss !
(b) Can we leave the Room. Miss !
(c) Can we leave the Room, Miss !
(d) Can we leave the room, Miss ?

65) (a) We have really low prices this week !
(b) We have really, low prices this week.
(c) We have really low prices this week.
(d) We have really low prices this week?

Directions (Q. No. 66 to 70) : Choose one word substitution of the following group of words as given in the questions

66) That which cannot be seen though

a) invisible
b) opaque
c) transparent
d) clear

67) A house made of clay and bamboos

a) hotel
b) hut
c) jail
d) place

68) One who believes in God

a) secular
b) thiest
c) poineer
d) orphan

69) People who work in the same office

a) companions
b) friends
c) mates
d) colleagues

70) An object through which light can pass

a) clear
b) opaque
c) lunar
d) transparent

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Directions (Q. No. 71 to 74) : Fill in the blanks with the correct adjectives from the optoins

71) Smarter is followed by than ..... is followed by 'to'

a) wiser
b) junior
c) happier
d) weaker

72) Colder is for Cold ..... is for Famous

a) very famous
b) much famous
c) too famous
d) more famous

73) Wisest is for Wise, ... is for Interesting

a) most interesting
b) more interesting
c) very interesting
d) much interesting

74) Little is for milk..... is for cows.

a) much
b) few
c) very
d) lot

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Section - C (General Science & S. Science)

75) Sound reaches to our ear by

a) nervous system
b) skeletal system
c) auditory nerve
d) None of the above

76) Which of the following is a chemical change ?

a) Twinkling of starts
b) cooking of vegetables
c) cutting of fruits
d) Boiling of water.

77) Materials which do not disappear in water are called _____ materials.

a) insoluble
b) soluble
c) transparent
d) opaque

78) What is true for animals living in dark caves ?

a) They cannot see anything
b) They do not see colours
c) They can see all colours efficiently.
d) They can only see red, blue and green colours.

79) In pigeons

a) eyes are not functional
b) eyes are located on either side of head
c) eyes are present in front of head
d) eyes are not fixed.

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80) Dogs are used to catch criminals due to their strong sense of

a) Sight
b) hearing
c) smell
d) All of these

81) Aestivation is

a) Summer sleep
b) winter sleep
c) escaping predation
d) searching food

82) Anthrax is caused by

a) Virus
b) fungi
c) bacteria
d) protozoa

83) Jaundice is caused by

a) pork
b) excessive sugar
c) contaminated water
d) excessive eating of Curcuma

84) Which of the following statement is incorrect ?

a) Your height cannot be inherited from your grandparents.
b) Dimple on cheeks can appear in babies, if mother posseses it.
c) Long hair can run in families.
d) Disease like typhoid do not pass to babies.

85) Evergreen forests are seen in the _____ zone

a) tropical
b) arctic
c) temperate
d) antarctic

86) In _____ teeth grow throughout life

a) dogs
b) squirrel
c) cats
d) cows

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87) The claws of preying birds are

a) strong and sharp
b) webbed
c) thin and long
d) long, thin and soft

88) A flesh eating bird having broad and curved beak is

a) eagle
b) sunbird
c) sparrows
d) pigeons

89) In _____ birds, two toes point forward and two backwards.

a) swimming
b) wading
c) land birds
d) climbing

90) Physical components of environment do not include

a) soil
b) air
c) water
d) fishes

91) Who was the founder of Jainism ?

a) Gautam buddha
b) Vardhman Mahavira
c) Harshvardhan
d) Ashoka

92) Which amongst the following is not the main leader who actively participated in 1857 revolt ?

a) Nana Saheb
b) Rani Lakshmibai
c) Kunwar Singh
d) Mangal Pandey

93) Gandhiji returned to India in 1915 from

a) Saudi Arabia
b) South Africa
c) Britain
d) USA

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94) Who is known as "Shahid-e-azam?

a) Rajguru
b) Sukhdev
c) Bhagat Singh
d) Ram Prasad Bismil

95) The Theosophical society in India was founded by

a) Lokmaniya Tilak
b) Annie Besant
c) Ishwar Chandra Vidyasagar
d) Colonel Olcott.

96) How many Fundamental duties are there in our Indian Constitution?

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

97) Who Interprets laws made by legislaure ?

a) Judiciary
b) Executive
c) Comptroller and Auditor General
d) Advocate General

98) No religious beliefs are involved in governance because India is a

a) secular state
b) socialist state
c) monarchy
d) communist state.

99) Wheel in the centre of our flag is known as the

a) Ashoka chakra
b) Kirti chakra
c) Vir Chakra
d) All of the above

100) Which motto is inscribed on our national emblem?

a) Jai JawanJai Kisan
b) Satyamev Jayate
c) Vasudhaiva Kutumbakam
d) None of the above.

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101) Lunar Eclipse occur when

a) When the Earth comes between the Moon and the sun
b) When the sun comes between the Earth and the Moon
c) When the Moon comes between the Earth and the sun
d) None of the above

102) Which amongst the following is the nearest galaxy to the Milky Way ?

a) Whirlpool Galaxy
b) Messier 81
c) Andromeda Galaxy
d) Cosmos Redshift ?

103) All the planets are spherical in nature due to the effect of

a) gravity
b) coriolis force
c) magnetic field
d) frictional force

104) North America is also known as

a) Rich continent
b) Barren continent
c) New World
d) Dark continent

105) Which amongst the following is the highest, driest, windiest, emptiest, coldest place on earth?

a) Canada
b) Greenland
c) Arctic
d) Antarctica

106) _____ is not a petroleum product.

a) Diesel
b) Kerosene
c) Natural Gas
d) Coal

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107) On what principle do seasons change ?

a) The amount of rainfall.
b) Changes in temperature
c) Due to Earth`s movement around the sun
d) Due to the moon`s movement around the earth.

108) Which of the following can be called as noise pollution from commerical or industrial activities ?

a) Throwing poisonous waste into rivers.
b) Loud speakers playing music at parties and marriages.
c) Running of a printing press to print newspapers during early morning hours.
d) running a water pump in a home.

109) Which of the following is not a division of the UNO?

a) ILO
b) WHO
c) UNICEF
d) All are its divisions

110) What is lowest ranked Indian Air Force Officer called ?

a) Wing Commander
b) Flying officer
c) Pilot officer
d) Test pilot.

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Section-D(Intellegence)

Direction (Q Nos. 111-115) In the following questions, the first two figures in the problem figures are related to each other in same way. The same relationship holds between the third figure of the problem figure and one of the answer figures (A), (B), (C) and (D). Identify the figure, which can replace the question marks(?).

111. Calf : Cow :: Puppy : ?

(A) Lamb (B) Hen (C) Horse (D) Dog

112. Ass : Foal :: cat : ?

(A) Kitten (B) Puppy (C) Fawr (D) Cub

113. Tiger : Cub :: Sheep : ?

(A) Lamb (B) Hen (C) Horse (D) Dog

114. Bread : Bakery :: Film : ?

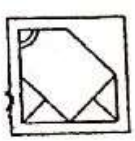
(A) Studio (B) Leather (C) Holl (D) Mint

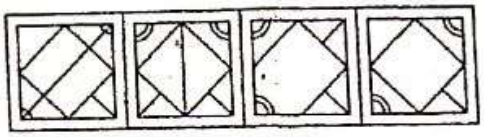
115. Ring : Skating :: Track : ?

(A) Pitch (B) Hockey (C) Races (D) Ground

Direction (Q Nos. 116-120) In the given question, there is a problem figure and four answer and four answer figures (A), (B), (C) and (D). Select the one in which the problem figures is hidden ?

116.

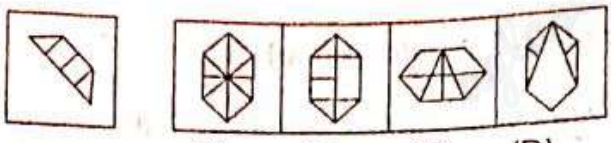




(A) (B) (C) (D)

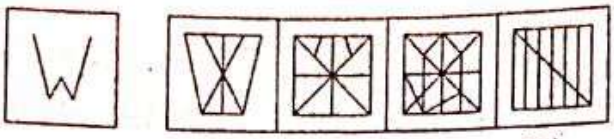
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117.



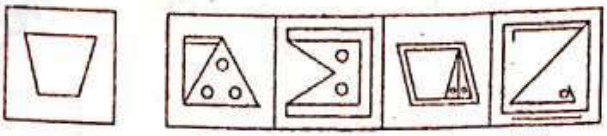
(A) (B) (C) (D)

118.



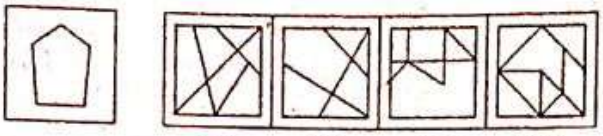
(A) (B) (C) (D)

119.



(A) (B) (C) (D)

120.



(A) (B) (C) (D)

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