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FOR JKSSEE PREPARATION

JKSSEE 2022 Question Paper Class 6

EXAM	YEAR	TYPE
JKSSEE	2022	Question Paper

Test Booklet - VI

Roll No. | | | | | | |

Test Booklet series/ No._____

26059

Name of the Candidate:

Signature of the Candidate:

Time 2 ½ Hours **Maximum Marks: 270**

GENERAL INSTRUCTION FOR CANDIDATE

A single test booklet comprising of 05 sections will be given to each candidate, comprising 135 questions. Each question carries 2 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 sued to write on the OMR sheet. Candidates should bring their own ball point pens. Use of pencils 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 questions in the OMR sheet. For example, if your answer for questions No. 05 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 instructions and Example:

a) The candidate 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 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 below black portions of the test booklet for rough work.

Signature of Investigator

Signature of Centre Superintendent

Section – A
Mathematics

1. What is the sum of the largest and the smallest 5-digit number?
   a) 99999
   b) 10099
   c) 109999
   d) 10000

2. The speed of Altaf is 6 km per hour. The speed of Saleem is 2 km per hour. The ratio of the speed of Altaf to the speed of Saleem is
   a) 2:3
   b) 3:1
   c) 1:3
   d) 3:2.

3. Which of the following ratios is equivalent to 2:3?
   a) 4:8
   b) 4:9
   c) 6:9
   d) 6:12

4. A bicycle is sold for Rs.1650 after purchasing it for Rs.1500. What is the percentage of profit?
   a) 10
   b) 15
   c) 20
   d) 16

5. Out of 500 students 230 are girls. What is the percentage of girls?
   a) 25
   b) 46
   c) 40
   d) 34

6. In what time will the interest on Rs. 800 amount to Rs. 400 at 5% p.a.?
   a) 1 year
   b) 1/8 years
   c) 49.68 years
   d) 10 years

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7. A man bought a sofa set for Rs. 6400, paid Rs. 400 in cash and decided to pay the rest of the amount in installments. If he paid the rest of the money in 15 installments. What sum of money had he paid in 4 installments?
   a) Rs. 400
   b) Rs. 1600
   c) Rs. 800
   d) Rs. 2000

8. If 4 kg of sugar costing Rs. 20 per kg and 3 kg of salt costing Rs. 6 per kg are mixed, the average cost of the mixture per kg is
   a) Rs. 13.57
   b) Rs. 7
   c) Rs. 14.25
   d) Rs. 14

9. The product of two numbers is 1296. If one number is 16 times the other, find the smaller number.
   a) 12
   b)16
   c) 4
   d) 9

10. Estimate the product 5980 x 428 by rounding off each number to the nearest hundreds.
   a) 236000
   b) 240000
   c) 2400000
   d) 3000000

11. I bought 3 m 20 cm cloth for his shirt and 2 m 5 cm cloth for my trousers. Find the total length of cloth bought by me.
   a) 5.7 m
   b) 5.25 m
   c) 4.25 m
   d) 5.00 m

12. The least common multiple of 3, 4 and 9 is
   a) 36
   b) 12
   (c) 27
   d) 45

13. Three boys shared a bag of marbles. The bag contained 272 marbles. How many marbles were left over after the friends shared them equally?
   a) 90
   b) 91
   c) 6
   d) 2

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14. A piece of land is in the shape of a quadrilateral with one diagonal longer than the other. Which of the following is the possible shape of the land?
    a) Square
    b) Rectangle
    c) Rhombus
    d) None of these

15. Find the volume of a cube of side 6cm
    a) 246 cm^3
    b) 36cm^3
    (c) 72cm^3
    d) 108cm^3

16. Write Roman numeral CDXXXIX in Arabic numeral
    a) 439
    b) 449
    c) 529
    d) 539

17. The measure of an angle is 3/4 of 60°. What is the measure of its complementary angle?
    a) 30°
    b) 60°
    c) 45°
    d) 20°

18. How much time will it take for an amount of Rs.450 to yield Rs.81 as interest at 4.5 % per annum of simple interest?
    a) 3 years
    b) 4 years
    c) 6 years
    d) 5 years

19. The area of a circle is 626 cm^2. Find its diameter.
    a) 28cm
    b) 14cm
    c) 56cm
    d) 32cm

20. What will be Highest Common Factor of 216, 288 and 720?
    a) 12
    b) 24
    c) 84
    d) 72

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21. What are Prime factors of 37800?
    a) 2 x 2 x 3 x 3 x 5 x 5 x 7 x 7
    b) 2 x 2 x 2 x 3 x 3 x 3 x 5 x 5 x 7
    c) 8 x 27 x 25 x 7
    d) 2 x 4 x 25 x 27 x 7

22. In a class of 41 students, 1 student was absent. 25% of the remaining students failed to do the homework. How many students did their homework?
    a) 1
    b) 25
    c) 30
    d) 35

23. Which of the following can be drawn on a piece of paper?
    a) A line
    b) A line segment
    c) A ray
    d) A plane

24. X and Y are two distinct points in a plane. How many lines can be drawn passing through both X and Y?
    a) 0
    b) 1
    c) Only 2
    d) Infinitely many

25. If two lines have only one point in common, what are they called?
    a) Parallel lines
    b) Intersecting lines
    c) Perpendicular lines
    d) Transversal

26. The side of an equilateral triangle is l. Its perimeter is
    a) l
    b) 2l
    c) 3l
    d) 6l

27. Find value of m : m – 2 = 3
    a) 2
    b) 3
    c) 5
    d) 1

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28. The successor of 99 is
    a) 99
    b) 98
    c) 100
    d) none of these.

29. There are 30 boys and 20 girls in a class. The ratio of the number of girls to the number of boys is
    a) 2:3
    b) 3:2
    c) 2:5
    d) 3:5.

30. Apala went to a park 20 m long and 10 m wide. She took one complete round of it. The distance covered by her is
    a) 30 m
    b) 60 m
    c) 20 m
    d) 10 m

31. A page is 25 cm long and 20 cm wide. Find the perimeter of this page.
    a) 90 cm
    b) 45 cm
    c) 500 cm
    d) 5 cm.

32. Find the cost of fencing a rectangular park of length 10 m and breadth 5 m at the rate of Rs10 per metre.
    a) Rs 300
    b) Rs 600
    c) Rs 150
    d) Rs 1200.

33. Which 3-digit number will have a successor as a 4-digit number?
    a) 999
    b) 199
    c) 100
    d) 1000

34. A quadrilateral whose opposite sides are parallel is called:
    a) square
    b) rectangle
    c) parallelogram
    d) none of these

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35. When the sum of the measures of two angles is that of a right angle, then each one of them is:
a) obtuse angle
b) acute angle
c) straight angle
d) right angle

36. 32.26 + 8.74 is equal to :
a) 41.05
b) 41.04
c) 41.0
d) 41.03

37. __ is the smallest prime number which is even.
a) 2
b) 4
c) 3
d) 1

38. Every __ of a number is greater than or equal to that number.
a) factor
b) number
c) multiple
d) none to these

39. The smallest composite number is
a) 4
b) 1
c) 9
d) 6

40. If the cost of 15m of silk cloth is Rs.4500, find the cost of 10.5m of silk cloth.
a) Rs.4000
b) Rs. 3000
c) Rs. 3150
d) Rs. 2505

41._____ is the instrument that is used to Measure the temperature.
a) Thermo-scope
b) Thermometer
c) Thermo-bar
d) Thermo-scale

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42. 92 meters converted to millimeters is equal to
    a) 92,000 mm
    b) 1.02 m
    c) 920 mm
    d) 920 km

43. Motor boat can travel at the speed of 20 km per hour. How far can a motor boat go in six hours?
    a) 125 km
    b) 120 km
    c) 110 km
    d) 115 km

44. Which of the following is not a factor of 68?
    a) 2
    b) 4
    c) 17
    d) 6

45. At what time given below do the minute and hour hands of a dock make a right angle?
    a) 12 O'clock
    b) Quarter to 9
    c) Half past 9
    d) 3 O'clock

Section – B
Intelligence/ Reasoning

46. Find the Odd word.
    a) Star
    b) Earth
    c) Sun
    d) Moon

47. Find the Odd word.
    a) Jumping
    b) Writing
    c) Walking
    d) Running

48. Find the alphabet series which does not belong to the group.
    a) EHG
    b)JML
    c) PSR
    d) UYX

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49. Find the number which does not belong to the group.
    a) 4
    b) 8
    c) 9
    d) 16

50. If in a certain language, SPACE is coded as TQBDF: how is PURSE coded in that code?
    a) QTSRF
    b) OVQTD
    c) QVSTF
    d) ESRUP

51. 'GOOD' is related to 'BAD' in the same way as 'ROOF' is related to:
    a) Wall
    b) Pillar
    c) Window
    d) Floor

52. Rahul started walking straight towards East. He walks a certain distance and then turns his right and walks again. Find the direction he is walking now.
    a) North
    b) East
    c) South
    d) West

53. A man introduced the boy coming with him as "He is son of the father of my wife's daughter" What relation did the boy bear to the man?
    a) Son in Law
    b) Son
    c) Brother
    d) Father

54. A boy ranks 19^{th} in class and 36^{th} from the last. How many students are there in the class.
    a) 53
    b) 54
    c) 51
    d) 50

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55. If 2/3rd of a number is 96, what will be the 3/4th of that number?
    a) 108
    b) 198
    c) 128
    d) 48

56. If KINDLE is coded as ELDNIK, how is EXOTIC coded in that code.
    a) EXOTLC
    b) CXOTIE
    c)COXITE
    d) CITOXE

57. Tree is related to Root in the same way as Smoke is related to:
    a) Cigarette
    b) Fire
    c) Heat
    d) Chimney

58. A and B are two brothers. C is sister of B. D is sister of E. E is son of A. Who is D's uncle?
    a) D
    b) E
    c) B
    d) C

59. In a row of trees, one tree is fifth from either end of the row. How many trees are in the row?
    a) 11
    b) 8
    c) 10
    d) 9

60. How many 4's are there in the following series which are preceded by 7?
    3 4 5 7 4 3 7 4 8 5 4 3 7 4 9 8 4 7 2 7 4 1 3 6
    a) 1
    b) 2
    c) 3
    d) 4

61. If 2/3rd of a number is 96, what will be the 3/4th of that number.
    a) 108
    b) 198
    c) 128
    d) 48

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Direction (62 – 64). Complete the series from the given options.

62. 1: 11::2:?
a) 20
b) 22
c) 24
d) 44

63. 190: 10 :: 102: ?
a) 4
b) 7
c) 3
d) 5

64. 6: 12 :: 20 : ?
a) 50
b) 40
c) 42
d) 38

65. If the day before yesterday was Thursday, when will Sunday be?
a) Tomorrow
b) Day after Tomorrow
c) Today
d) Two days after today.

66. A man is three years older than his wife and four times as old his son. If the son attains an age of fifteen years after three years, what is the present age of the mother?
a) 60 years
b) 51 Years
c) 48 Years
d) 45 Years

67. A century leap year is divisible by
a) 4
b) 16
c) 40
d) 400

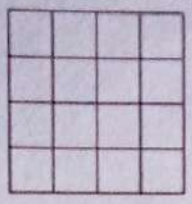
68. How many triangles are there in the following figure.
a) 4
b) 16
c) 40
d) 400



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69. How many squares are there in the following figure.



a) 30
b) 16
c) 32
d) 34

70. Find the odd word
a) Hindi
b) Marathi
c) Chinese
d) Gujrati

71. Find the one which does not belong to the group.
a) XWU
b) QPM
c) KJH
d) DCA

72. Choose the one which does not belong to the group.
a) 80
b) 10
c) 35
d) 91

73. If TAP is coded as SZO, then how is FREEZE coded/
a) ESDFYF
b) GQFDYF
c) EQDFYG
d) EQDDYD

74. If PALE is coded as 2134. Earth is coded as 41590, how is PEARL coded:
a) 29530
b) 24153
c) 25413
d) 25430

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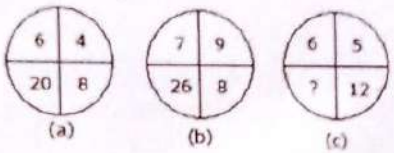
75. Usual is to Common as Light is to:
a) Bright
b) Black
c) Dark
d) Glow

76. Which number will replace the question mark?

10	30	50
11	31	?
21	61	101

a) 35
b) 25
c) 45
d) 13

77. Which number can be placed at the question mark?



a) 35
b) 25
c) 45
d) 13

78. Richa drives 8km to the south, turns left and drives 5km. Again, she truns left and drives 8km. How far is she from her starting point?
a) 3km
b) 5km
c) 8 km
d) 13 km

79. A man said, "My mother is the sister of Rajat's brother" What is Rajats relation with the man?
a) Cousin
b) Maternal Uncle
c) Uncle
d) Brother in Law

80. A couple married in 1980 had two children, one in 1982 and the other in 1984. Their combined age will equal the years of marriage in?
a) 1986
b) 1985
c) 1987
d) 1988

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SECTION –C
English

Directions (Q81 to 83) Fill in the blanks with suitable Prepositions from the alternatives given below:

81. The boy fell ..... the pond
a) into
b) off
c) in
d) on

82. I hid ..... the curtain.
a) in
b) behind
c) under
d) near

83. I wake up ..... 6'O'clock daily.
a) on
b) at
c) in
d) by

Directions (Q84 to 86) Fill in the blanks with suitable Articles from the alternatives given below:

84. It was ..... interesting story.
a) a
b) an
c) the
d) none of these

85. ..... Bible is a holy book.
a) a
b) an
c) The
d) none of these

86. ..... Russians invaded ..... Ukrainians.
a) A, a
b) An, the
c) The, the
d) An, an

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Directions (Q87 to 89) Choose the correct tense for the following sentences.

87. I have made three paintings.
    a) Present Continuous
    b) Present perfect
    c) Future Indefinite
    d) Present Indefinite

88. I have been walking since morning.
    a) Present Perfect Continuous
    b) Present Perfect
    c) Future Indefinite
    d) Present Indefinite

89. I eat.
    a) Present Perfect Continuous
    b) Present Perfect
    c) Future Indefinite
    d) Present Indefinite

Directions (Q90 to 92) Fill in the blanks with suitable degree of Adjective from the alternatives given below:

90. Numaan's marks are the ..... in the class. (high)
    a) high
    b) higher
    c) highest
    d) none of these

91. Gold is a ..... metal. (costly)
    a) more costly
    b) costlier
    c) costly
    d) costliest

92. Jammu is ..... than Srinagar(hot)
    a) hot
    b) more hot
    c) hottest
    d) hotter

Directions (Q93 to 94) Choose the correct form of noun from the alternatives given below:

93. See
    a) saw
    b) scene
    c) seen
    d) scenic

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94. Move
a) Movable
b) Movement
c) Moved
d) Movingly

Directions (Q95 to96) Pick out the most effective word(s) to make the sentences meaningful.

95. Unfavourable weather conditions can …… illness
a) Cure
b) detect
c) treat
d) enhance

96. If the perceptions of two individuals do not …….. there is bound to be problems.
a) reflect
b) differ
c) match
d) express

PASSAGE

A certain king once fell ill and doctors said that only a sudden fright would restore his health but the king was not a man for anyone to play tricks on, except his fool. One day, when the fool was with him in his boat he cleverly pushed the king into water but he was rescued and put to bed. The fright, the bath and bed cured the diseased king, but he was so angry with the fool that he turned him out of the country.

97. What did the doctor say about the king?
a) Only a sudden fright would restore the King's health.
b) Only fool would cure the king.
c) Only a boat trick could cure the king.
d) The king had suffered a sudden fright.

98. He cleverly pushed the king into water but the king was rescued and put to bed. In this sentence he refers to:
a) the king b) the fool
c) the doctor d) the river

99. When the fool pushed the king into water they were:
a) in the palace b) in the bed
c) in the garden d) in a boat

100. Who played the trick on the king?
a) the doctor
b) the boatman
c) the fooi
d) the fright

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SECTION – D
G. Science

101. Hardest known natural substance is
a) Mercury
b) Wood
c) Gold
d) Diamond

102. Which one will show a metallic luster?
a) Any surface of a metal
b) Freshly cut surface of a metal
c) Freshly cut surface of non-metal
d) Surfaces of all materials

103. Filtration is a method to separate the components of a
a) solution
b) mixture of a liquid and an insoluble substance
c) both (a) and (b)
d) pure substance

04. Which of the following is a mixture.
a) Oxygen
b) Carbon dioxide
c) Hydrogen
d) Air

105. When ice melts into water, what types of changes do you observe?
a) Reversible changes
b) Irreversible changes
c) Both (a) and (b)
d) None of these

106. How many bones are there in human skeleton?
a) 300
b) 200
c) 206
d) 306

107. The process of producing energy by the break down of food is called __
a) Photosynthesis
b) Transpiration
c) Respiration
d) Reproduction

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108. Light is a form of
a) Length
b) Energy
c) Mass
d) Power

109. The speed of light is
a) 299,792 km/s.
b) 299,792 m/s
c) 29,792km/s
d) 29,792 m/s

110. Which of these is a conductor?
a) Rubber
b) Mica
c) Copper
d) Wood

111. Filament of a bulb is made up of
a) aluminum
b) chromium
c) platinum
d) tungsten

112. The word magnet is derived from the old French word
a) magnesia
b) maguos
c) magnete
d) magnetum

113. How much percentage of water does a human body contains?
a) 60%
b) 70%
c) 80%
d) 90%

114. Major part of the air is constituted by
a) nitrogen
b) oxygen
c) carbon dioxide
d) inert gases

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115. The food components needed by our body are called
a) ingredients
b) nutrients
c) fragments
d) ornaments

116. Name the disease caused by the deficiency of Iron.
a)Rickets
b) Pellagra
c) Scurvy
d) Anaemia

117. Carbohydrates are found in
a) rice
b) carrot
c) lemon
d) pulses

118. Which of the following is a plant fibre?
a) Wool
b) Silk
c) Cotton
d) Nylon

119. Which is a biotic component of environment?
a) Plants
b) Animals
c) Microorganisms
d) All of these

120. Eye movement is controlled by
a) muscles
b) veins
c) vessels
d) Chanel

Section E
Social Science / General Knowledge

121 P.V Sindhu is associated with which sports?
a) Badminton
b) Cricket
c) Football
d) Hockey

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122. Who is known as a 'Iron Man of India'?
a) Jawahar Lal Nehru
b) Mahatma Gandhi
c) Sardar Vallabhai Patel
d) Subhash Chandra Bose

123. the international day of non – violence is observed on 2nd October. It is the birthday of:
a) Sarojini Naidu
b) Mahatma Gandhi
c) Pt Jawaharlal Nehru
d) Lata Mangesh Kar

124. National Bravery Awards are given to children for their indispensable courage on .....
a) 15th August
b) 2nd October
c) 14th November
d) 26th January

125. Who is the present president of India?
a) APJ Abdul Kalam
b) Ram Nath Kovind
c) Rajendra Prasad
d) Amit Shah

126. Name an instrument used to measure the sound waves inside the water?
a) Comograph
b) Dictaphone
c) Crescograph
d) Hydrophone

127. Who composed the song Vande Mataram?
a) Shree Auribindo Ghosh
b) Bankim Chandra Chatterji
c) Rabindranath Tagore
d) Satyajit Ray

128. Which is the national flower of India?
a) Black Orchid
b) Lotus
c) Rose
d) Daisy

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129. Jainism was founded by _____
a) Mahavira
b) Buddha
c) Zoroaster
d) Tao

130. Dandia' is a popular dance of
a) Punjab
b) Gujarat
c) Tamil Nadu
d) Maharashtra

131. Which agency of the government does the job of protecting the boundaries of the country and maintaining peaceful relations with other countries?
a) Gram Panchayat
b) Ministry of Foreign Affairs
c) Ministry of Defence
d) Both (b) and (c)

132. The international organisation that works for the protection of human rights all over the world is
(a) Amnesty International.
(b) International Monetary Fund.
(c) World Trade Organisation.
(d) International Court.

133. How many non-permanent members does the UN Security Council have?
(a) Eight
(b) Nine
(c) Ten
(d) Eleven

134. 'Life Divine' was written by ____
a) Sri Aurobindo
b) Swami Vivekanand
c) Rabindranath Tagore
d) Mahatma Gandhi

135. The first Women External Affairs Minister of India was:
a) Sushma Swaraj
b) Jayalalitha
c) Pratibha Patil
d) Indira Gandhi

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