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FOR JKSSEE PREPARATION

JKSSEE 2020 Question Paper Class 6

EXAM	YEAR	TYPE
JKSSEE	2020	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 **03** sections (**32** 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. In an examination Karan got 10 marks more than Bhavna. Isha got 5 marks less than Bhavna. If Trio get a total of 170. Then what is the marks obtained by Isha?

a) 65 b) 55

c) 50 d) 45

2.143865 is divisible by

a) 3, 4 and 8 b) 5, 2 and 9

c) 2, 3 and 5 d) 3,5 and 9

3.Write in ascending order of the following fractional numbers

$$\frac{5}{17}, \frac{9}{17}, \frac{8}{17} \text{ and } \frac{10}{17}$$

a) $\frac{10}{17}, \frac{9}{17}, \frac{8}{17}, \frac{5}{17}$ b) $\frac{8}{17}, \frac{5}{17}, \frac{10}{17}, \frac{9}{17}$

c) $\frac{5}{17}, \frac{9}{17}, \frac{10}{17}, \frac{8}{17}$ d) $\frac{5}{17}, \frac{8}{17}, \frac{9}{17}, \frac{10}{17}$

4.The sum of the fraction $\frac{2}{9}, \frac{4}{3}$ and $\frac{6}{18}$ is

a) $\frac{17}{9}$ b) $\frac{16}{9}$

c) $\frac{2}{5}$ d) $\frac{11}{18}$

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5. The difference between the LCM and HCF of the numbers 30, 36 and 90 is

a) 366 b) 354

c) 186 d) 174

6. The product of two numbers is 23625 and LCM is 315. The HCF of the number is

a) 315 b) 23625

c) 75 d) 15

7. The least number which must be subtracted to 4931 to make it a perfect square is

a) 100 b) 31

c) 140 d) 110

8. Convert 80^0 C into Fahrenheit.

a) 392^0F b) 384^0 F

c) 385^0 F d) 176^0 F

9. In a family consisting of 10 persons father, mother and the eldest son earn Rs 4000, Rs 3000 and Rs 4400 per month . What is the average monthly income of a family member?

a) Rs 1260 b) Rs 1600

c) Rs 1140 d) Rs 3800

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10.The average expenditure of a man for first 7 months is Rs 800 and for the next 5 months is Rs 900. Find his average monthly expenditure.

a) Rs 600 b) Rs 700

c) Rs 800 d) $841\frac{2}{3}$

11.Out of 600 students 240 are girls. What is the percentage of girls?

a) 250 b) 60

c) 40 d) 24

12. John had Rs 300. He spent Rs 100 on books. Find his per cent expenditure.

a) 20 b) 30

c) $33\frac{1}{3}$ d) $16\frac{2}{3}$

13.Sachin got 60 % marks in Maths and 3 marks less than Maths in Science. If the total marks are 150, how many marks he scored in Science.

a) 90 b) 95

c) 87 d) 63

14.A man loses 10 % by selling his watch for Rs 450. Find the cost price of the watch.

a) 400 b) 140

c) 500 d) 600

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15.In what time will the interest on Rs 5000 amount to Rs 800 at 5 % per annum?

a) 4 years
b) 3 ½ years
c) $3\frac{1}{5}$ *years*
d) 5 *years*

16.A man can read 120 pages in 20 min. How many pages can he read in 4 min?

a) 36
b) 24
c) 18
d) 10

17. 5 men can do a piece of work in 12 days. How many more men should be employed to finish the work in 6 days?

a) 4
b) 3
c) 5
d) 1

18.A daily wages servant gets Rs 10 per day. What amount will he receive in August?

a) Rs 290
b) Rs 300
c) Rs 310
d) Rs 280

19. If 60 bags of wheat can be loaded in a truck. 4380 bags of wheat will be loaded in

a) 73 trucks
b) 63 trucks
c) 83 trucks
d) 53 trucks

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20.36 men complete a piece of work in 49 days. How many men will complete the work in 21 days?

a) 84 b) 80

c) 75 d) 65

21.A train is 125 m long. If the train takes 30s to cross a tree by the railway line, then the speed of the train is

a) 14 km/h b) 15 km /h

c) 16 km /h d) 12 km / h

22.A 175 m long train crosses a 35 m platform in 12s. What is the speed (in km/h) of the train?

a) 42 b) 64

c) 63 d) 59

23.What is the area of a rectangle whose breadth is 5m and its length is double to its breadth?

a) 10 m^2 b) 15 m^2

c) 30 m^2 d) 50 m^2

24. A tank is 6 m long, 4 m wide and 1 ½ m high. The volume of water in the tank is m

a) 24 cu m b) 36 cu m

c) 11 ½ Cu m d) 16 cu m

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25.The length of a room is 11m , breadth is 8 m and height is 2 m. What will be the area of the walls of the room?

a) 88 sq m
b) 176 sq m
c) 38 sq m
d) 76 sq m

26. The area of a square court is 196 sq m. The perimeter is

a) 40 m
b) 60 m
c) 50 m
d) 56 m

27.If the sum of each row, column and hypotenuse is 24, then find the multiple of x and y.

9	Y	11
10	8	6
5	x	7

a) 32
b) 40
c) 44
d) 48

28. Next term of 86, 48, 32, ...is

a) 12
b) 10
c) 6
d) 27

29. Find the missing number in the number series 20, 30, 42, ?

a) 64
b) 56
c) 62
d) 54

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30. What is the ratio in between 7 months and 7 years

a) 1: 12 b) 1:13

c) 1: 14 d) 1: 15

31. Find the value of $\frac{13}{14}$ % of 280?

a) 196 b) 2.6

c) 260 d) None of the above

32. The value of 190^0 F in degree Celsius is use $C = \frac{5}{9}(F - 32) is$

a) 80. 3^0c b) 105^0c

c) 78^0c d) None of the above

33. 48 % is equal to

a) $\frac{38}{150}$ $b) \frac{48}{125}$

$c) \frac{24}{50}$ $d)$ 3.8

34. 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 d) 338892

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

a) 5.053 b) 5.100

c) 5.953 d) 6.006

36.If the sum of each row, column diagonals are equal, than the value of P, Q, 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

37. 1 m is equivalent to :

a) 1000 mm b) 100000 mm

c) 10000 mm d) 1000000 mm

38. $\frac{3}{48}$ is what part of $\frac{1}{12}$?

a) $\frac{1}{4}$ b) $\frac{1}{2}$

c) $\frac{4}{3}$ d) $\frac{3}{4}$

39. If 23 % of A is 46, then find A.

a) 300 b) 400

c) 200 d) 150

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40.In number 97580, if the digits 7 and 5 interchange their places , the difference between the original and the new number is

a) 1800 b) 1080

c) 1008 d) 1000

41. The smallest odd number formed by using the digits 1,2, 3, 4 and 5 is

a) 12345 b) 12435

c) 12453 d) 12534

42.7386032 is divisible by

a) 3 b) 4

c) 9 d) 11

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

a) 4 hrs b) 5 hrs

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

44. Four - fifth of a number is 12 more than three - fourth of a number. The number is

a) 120 b) 240

c) 350 d) 110

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45. The smallest even number formed by using the digit 1,2,3, 4 and 5 is

a) 12345 b) 12435

c) 12354 d) 12453

46. The mean of first 7 natural number is:

a) 3 b) 4

c) 15 d) 11

47. What is the number ,when divided by 15,gives a quotient 15 and a remainder 5?

a) 80 b) 90

c) 220 c) 230

48.A person saves 25 % of his income. If he saves Rs 3000 per month, his monthly income is

a) Rs 15000 b) Rs 12000

c) Rs 9000 d) Rs 7500

49. The selling price of a fountain pen costing Rs 10 sold at a loss of 10 % is

a) Rs 7 b) Rs 7.50

c) Rs 8 d) Rs 9

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50 A person lends Rs 1500 from a bank. If the bank fixes the rate of Interest at 11 % annum, then the amount he has to pay back after 2 years will be ?

a) Rs 330 b) Rs 1830

c) Rs 1860 d) Rs 1900

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Section B (Language)

Directions (Q. Nos. 51 to 53) Choose the correct corresponding noun of the given words.

51. Succeed

a) Succeeded b) Success

c) Succession d) Succeeding

52.Vacant

a) Vacated b) Vacate

c)Vacancy d)Vacantly

53. Know

a) Knew b)Known

c)Knowledge d)Knowing

Directions (Q. Nos54 – 56) Here are some sentences your are to choose the correct option as the answer of each sentence.

54. Everybody has to respect them " which word in the sentence is a personal pronoun.

a)everybody b) has

c) respect d) them

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55. The reflexive pronoun of 'we' is

a) ourselves b) ourself

c) us d) we self

56.'She is a waiter' replace the underlined pronoun with correct option.

a) They b)We

c) He d) Reena

Directions (Q. Nos. 57 – 58) Fill in the blanks by choosing the most appropriate degree of adjective.

57.As we hiked up the hill, our steps got.....

a)short b)shorter

c) shortest d) none of these

58.Saturday is the most ..... day of my weekly routine

a) exciting b) interesting

c) happening d) All of these

Directions (Q. Nos. 59- 60)Which is the correct tense for the following sentences?

59.We have bought a new home in South Delhi.

a)Present continuous b) Present perfect

c)Future simple d) Simple present

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60. I ate lots of ice-cream at my friend's house.

a) Present continuous b) Simple present

c) Present perfect d) Simple past

Direction (Q. Nos. 61-63) Choose the option which should replace the underlined word to make sentence correct.

61. They worked hard for the test as though they failed.

a) unless b) however

c) while d) yet

62. She goes to the tennis club because she like to play tennis.

a) though b) even though

c) although d) none of these

63. He reads magazines rather than he doesn't like to read book.

a) unless b) unit

c) so d) but

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Directions (Q. Nos 64 -65) In the questions given below, select the option which is correctly punctuated.

64.

a) She didnt hear childrens cries.

b) She didnt hear children's crises

c) She didn't hear childrens cries.

d) She didn't hear children's cries.

65.

a) The dogs bark was far worse than it's bite.

b) The dog's bark was far worse than it's bite.

c) The dog's bark was far worse than its bite.

d) The dogs bark was far worse than it's bite.

66.

a) The paper scissors and pencils belong to the top drawer.

b) The paper scissors and pencils belong to the top drawer.

c) The paper,scissors and pencils belong to the top drawer.

d) The paper, scissors and pencils belong to the top drawer.

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Directions (Q.Nos. 67 –70) Each of the following questions has four sentences, indicated by A,B ,C and D. Choose the most logical order of sentences form the given choices to construct a meaningful paragraph.

67. A) We both went for a walk.

B) We helped him and took him to his home.

C) one evening I went to my friend's home.

D) We met a blind man near a temple.

The correct order is

a) CADB b) DABC

c) BACD d) ABCD

68. A)The robber said, "You are a robber also."

B)Once Alexander caught a robber,

C)The difference is that you rob the states.

D)Alexander felt ashamed.

The correct order is

a) ACBD b) BDCA c)BACD d)DCBA

69. A) Some boys were in favour of it.

B)Yesterday we had a discussion in our class.

C)But many were against it.

D) The topic of discussion was the dowry.

The correct order is

a) CDBA b) BDAC c) DBCA d) ADCB

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70. A) It is situated in Agra

B)The TajMahal is very beautiful

C) It was built by Shah Jahan

D) Agra is in Uttar Pradesh

The correct order is

a) ACBD b) DCBA c) BCAD d) CBAD

Passage

One of the major crisis facing the country is the looming water shortage. A recent report of the UN has named India among the worst countries for poor quality of water. The report ranks 122 countries according to the quality of their water as well their ability and communent to improve the situation. Belgium is considered the worst basically because of the quality of its ground water. Rains failed in most parts of India last year and the vast areas of Rajasthan, Madhya Pradesh, Andhra and Odisha were in the grip of devastating drought. People withoutwater turn desperate and violent.Villagers in Rajasthan last year attacked the food Corporation godowns. Worse may be coming. With man refusing to control pollution (America, the world's greatest polluter, refuses to cooperate with, other countries) the world's getting hotter. This means that the great ice shelves (weighing billions of tonnes) of the Antarctic are collapsing. We cannot even conceptualise the dangerous consequences.

71. Belgium, is suffering acutely because

a) The sluggish pace of its economy

b) the discharge of industrial effluents

c) quality of its ground water

d) rising cost of living

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72. Villagers in Rajasthan attacked food Corporation godowns because of

a) low prices offered to them for wheat

b) refusal of food corporation to buy wheat from the local farmers

c) no financial help from the government bodies

d) shortage of water

73. What major crisis is the country facing today?

a) rainfall

b) water shortage

c) Drought

d) Violent

74. How many countries are there in the UN report?

a) 136

b) 80

c) Above 200

d) 122

75. The world's greatest polluter country is.

a) India

b) America

c) Belgium

d) Unknown

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Section –C (G Science/GK/IQ)

76. If an object moving along a straight line, keep changing its speed then

a) The motion is said to be a non-uniform motion.

b) The motion is said to be uniform motion.

c) The object is said be in rest.

d) The object is said be a fast motion.

77. Sound reaches to our ear by

a) Nervous system

b) skeletal system

c) auditory nerve

d) none of the above

78.Which of the following is a chemical change?

a) Twinkling of stars

b) Cooking of vegetables

c) cutting of fruits

d) Boiling of water.

79. Which of the following statements is not true?

a) Materials are grouped for convenience

b) Materials are grouped to study their properties.

c) Materials are grouped for fun.

d) Materials are grouped according to their uses.

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80. Why do birds turn their heads to see around?

a) Because their body is small

b) Because they do not have neck

c) Because their eyes are fixed

d) because their head is very small.

81. Why we do not see any lizard in the house during winter?

a) They cannot survive and die

b) They go to winter sleep.

c) They get eaten by other animals

d) None of above.

82. Cholera, leprosy and diphtheria are

a) viral disease b) fungal diseases

c) bacterial diseases d) functional diseases

83. Which of the following diseases are communicable?

a) Allergies b) infectious diseases

c) Deficiency diseases d) degenerative diseases

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84. Which of the following statement is incorrect?

a) Your height cannot be inherited form your grandparents

b) Dimple on cheeks can appear in babies,if mother possesses it.

c) Long hair can run in families

d) Disease like typhoid do not pass to babies.

85.Which traits are expressed in first generation?

a) Dominant b) Recessive

c) Both (a) & (b) d) None of these

86.Water-brone disease is

a) Cancer b) diarrhoea

c) heart attack d) arthritis

87.What temperature range is found in the subtropical zone of earth?

a) $30 - 40^0$ b) Below 5^0C

c) $10\text{-}\ 12^0C$ d) $18 - 23^0\ C$

88.Name a reptile that do not possess legs.

a) Snakes b) Lizards

c) Earthworms d) Butterflies

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89.Strong, slightly curved beaks help in

a) catching insects b) sucking nectar

c) crushing seeds d) tearing meat

90.Wading birds have long legs and wide spread toes which help them to walk in shallow water. They include

a) Crane b) jacana

c) Both (a) & (b) d) None of these

91.A flesh eating bird having broad and curved beak is

a) eagle b) sunbird

c) sparrows d) pigeons

92. Animals of ..... group can live both in water and land.

a) amphibia b) reptile

c) Dolphin d) Frog

93 .....is the exclusive source of energy on earth.

a) Electricity b) water

c) Sun d) Wind power

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94 ..... Plant height of pea is a dominant character.

a) tall
b) Short
c) Dwarf
d) None of these

95. Which one is viral disease.

a) Measles
b) Rickets
c) Syphilis
d) Congenital night blindness

96. Which pair of substances among the following would float in a tumbler half-filled with water?

a) Cotton thread, thermocol
b) Feather, plastic ball
c) Pin, oil drops
d) Rubber band, coin

97. Which is one(s) is/are a way to make a change happen?

a) Heating of substance
b) Mixing of substance with another substance
c) Cooling of substance
d) all of the above

98. Which one of the following is the characteristics of sound?

a) Loudness
b) Noise
c) Music
d) None of these

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99. The motion of minute hand of our wrist watch is an example of

a) Rectilinear motion
b) periodic motion
c) circular motion
d) rotational motion

100. Eyes are bigger than the size of head in

a) Elephant
b) tiger
c) birds
d) Snake

101. Gandhiji returned to India in 1915 from

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

102. Who is known as the "Father of Indian Constitution?

a) BR Ambedkar
b) Jawaharlal Lal Nehru
c) Motilal Nehru
d) Mahatma Gandhi

103. Which constitution is the longest written Constitution of the world.

a) Indian Constitution
b) American Constitution
c) British Constitution
d) Irish Constitution

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104.No religious beliefs are involved in government because India is a

a) Secular state
b) Socialist state
c) monarchy
d) communist state

105. Earth's interior composed of

a) Crust
b) mantle
c) core
d) All of these

106. Yellow river is also known as....

a) Sorrow of Bengal
b) China's Sorrow
c) Highway of Central Africa
d) Sorrow of Pakistan

107. The only continent that has every kind of climate is

a) North America
b) Africa
c) Australia
d) South America

108. Humans can pollute the environment

a) Deforestation
b) urbanization
c) burning of fossil fuels
d) All of the above

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109. Which of the following is not a function of United Nations Development Programme?

a) Helping to reduce poverty in developing countries

b) Preventing a crisis and helping recovery in developing nations

c) Improving the natural resources in underdevelopment countries

d) Protecting refugees worldwide.

110. Match the games with the total number of players allowed in a team in each game.

A	Volley ball	1	Seven
B	Kabaddi	2	six
C	Hockey	3	five
D	Basketball	4	eleven

Select the correct answer using the code given below

a) A-2 , B-1 C-4, D-3

b) A-1 , B-2 , C-3 ,D-4

c) A-4, B-3, C-2 , D-1

d) A-4, B-1 ,C-3 D-2

111. Find the odd word.

a) Tongue

b) Nose

c) Eye

d) Mouth

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112.Arrange the following words according to English dictionary.

1. Hepatitis 2.Cholera 3.Peptidoglycan 4. Chitin

a) 2,3,1,4 b) 4,2,1,3

c) 4,1,3,2 d) 3,1,4,2

113.Find the odd one out of the given options

a) 145 b) 158

c) 151 d) 143

114.Complete the following series by selecting the appropriate alternative.

DF, GJ, KM, NQ, RT,?

a) UX b) UW

c) YZ d) XZ

115. If 26th January , 2011 was Wednesday, then what day of the week was it on 26th January, 2012?

a) Monday b) Tuesday

c) Wednesday d) Thursday

116. If SCHOOL is to EDUCATION then BANK is to .....

a) ATM b) CHEQUE

c) LOAN d) LOCKER

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117. Choose the word which is least like the other words in the group.

a) EARTH
b) SUN
c) MERCURY
d) JUPITER

118. Choose the word which can be formed from the given word.
INFRASTRUCTURE

a) RUPTURE
b) SCULPTURE
c) FRACTURE
d) VULTURE

119. Choose the word which is least like the other words in the group.

a) STUDENT
b) LAWYER
c) MECHANIC
d) ENGINEER

120. Given that A and B are a married couple. If X and Y are brothers and X is the brother of A. How is Y related to B?

a) Brother-in-law
b) Brother
c) Cousin
d) None of the above

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