



Ranked **No.1** for Sainik School,
RMS & Navodaya Coaching

SAINIK SCHOOL
[A I S S E E]
25+ YEARS OF EXCELLENCE

Free Rms Mock Test

English Language

Direction (Q. No. 1 to 5)

Read the passage given below and answer the questions that follow.

Passage:

Our National flag is tricolour. It has three equal horizontal stripes. The strip at the top is saffron, in the middle is white and the bottom is green. The ratio of width to length of the flag is 2:3. In the centre of the white strip is a wheel in navy blue. The wheel represents the Chakra. It's design is similar to the wheel which appears on the abacus of the Sarnath Lion Capital of Ashoka. Its diameter approximates to the width of the white strip. The wheel has 24 spokes. It was adopted by Constituent Assembly on July 22 1947. We love our national flag. We respect it. We are ready to sacrifice our life to protect its honour. It

represents the nation. So it is a symbol of national honour.

1. In our national flag the wheel is located in the centre of__

- a) Saffron strip
- b) White strip
- c) Green strip
- d) Blue strip

2. In our national flag which of the strips is at the bottom in our national flag?

- a) blue
- b) saffron
- c) white
- d) green

3. Why do we love our national flag?

- a) Because it is tricolor
- b) Because it has three strips
- c) Because it has a wheel at the centre
- d) Because it is a symbol of national honour

4. Our national flag was approved by__

- a) President
- b) Lok Sabha
- c) Parliament
- d) Constituent Assembly

5. The diameter approximates to the width of the white strip. Here the word 'approximate' means:

- a) is more or less equal
- b) is exactly equal
- c) is not equal
- d) is related

6. Which word is a noun?

- a) quick
- b) singing
- c) jump
- d) happiness

7. Identify the adjective in the sentence: "She wore a beautiful dress."

- a) She
- b) wore
- c) beautiful
- d) dress

8. Which sentence uses a conjunction correctly?

- a) I like pizza or burgers.
- b) I like pizza and burgers.
- c) I like pizza but burgers.
- d) I like pizza with burgers.



Ranked **No.1** for Sainik School,
RMS & Navodaya Coaching

SAINIK SCHOOL
[A I S S E E]
25+ YEARS OF EXCELLENCE

Free Rms Mock Test

9. Fill in the blank: “ ___
you help me with this?”

- a) Can b) Are
- c) Is d) Am

10. Which sentence is
correct?

- a) I has a dog
- b) I have a dog
- c) I haves a dog
- d) I having a dog

11. Identify the verb in
the sentence: “The cat
slept on the couch.”

- a) The b) cat
- c) slept d) couch

12. What is the
opposite of “big”?

- a) large b) small
- c) huge d) tall

13. Choose the correct
form of the verb: “He
___ reading a book.”

- a) is b) are
- c) am d) was

14. Fill in the blank:
“The flowers are ___
than the trees.”

- a) pretty
- b) prettiest
- c) prettier
- d) more pretty

15. Which word is an
adverb?

- a) run b) happy
- c) quickly d) blue

16. The storm
uprooted the eight -
foot tree

- a) adjective
- b) Conjunction
- c) Preposition
- d) Pronoun

17. ‘Janet’ is the tallest
of the four sisters

- a) Common noun
- b) Proper noun
- c) Collective noun
- d) abstract noun.

18. Master is a noun
of ___

- a) masculine gender
- b) neuter gender
- c) feminine gender

d) none of these.

19. Goodness,
Kindness and justice
are examples of the

- a) abstract noun
- b) Common noun
- c) Collective noun
- d) Proper noun

20. I have made a
chapatti for myself.

- a) Subject Pronoun
- b) reflexive Pronoun.
- c) Object Pronoun
- d) Possessive Pronoun.

21. Find the verb

I will let you ___ if you
tell the truth.

- a) gone b) Went
- c) going d) go

22. His work has ___
number of people to
study online

- a) gained b) helped
- c) told d) wanted



Ranked **No.1** for Sainik School,
RMS & Navodaya Coaching

SAINIK SCHOOL
[A I S S E E]
25+ YEARS OF EXCELLENCE

Free Rms Mock Test

23. Find the word which is an adverb. The snake creep quickly to the hole.

- a) The snake
- b) creep
- c) quickly
- d) the hole

24. Is there any grocery shop _____ the park.

- a) near
- b) within
- c) here
- d) everywhere

25. This movie was made _____ him

- a) by
- b) of
- c) on
- d) none of these

26. Shruthi _____ I visited gokarna last weekend.

- a) or
- b) and
- c) either
- d) but

27. _____, I took your keys by mistake.

- a) Oh
- b) Yikes

c) Whoops d) Hmm

28. A Student goes to school daily _____?

- a) Won't he
- b) does n't
- c) did n't he
- d) will he

29. A doctor who treats diseases of teeth

- A) Cavalry
- b) Innocent
- c) Exports
- d) Dentist

30. Tie/ can you /

A B

hair / your

C D

- a) BDAC
- b) BADC
- c) CBDA
- d) DCBA

31. Choose the correct spelling

- a) immence
- b) imence
- c) immense
- d) immens

32. His mother came _____ the room after an hour.

- a) at
- b) into
- c) from
- d) in

33. I have a friend who is _____ teacher.

- a) an
- b) a
- c) the
- d) None

34. There _____ many exceptions to this rule

- a) is
- b) are
- c) have
- d) has

35. I want _____ oranges.

- a) any
- b) much
- c) some
- d) few

36. You cannot be an engineer of computer _____ you have a degree in computer.

- a) as
- b) so
- c) if
- d) unless

37. I know _____ she is an intelligent girl.

- a) that
- b) than
- c) but
- d) than



Ranked **No.1** for Sainik School,
RMS & Navodaya Coaching

SAINIK SCHOOL
[A I S S E E]
25+ YEARS OF EXCELLENCE

Free Rms Mock Test

38. Mrs. Renu ___ it in her hands when I saw her.

- a) Carrying b) Carried
c) Larry d) Carries

39. Fathers and sons enjoy taking long fishing trips to the lake.

- a) adverb
b) conjunction
c) noun
d) preposition

40. I would rather have a copy ___ a book

- a) then b) than
c) when d) that

41. He behaves ___ he were the captain of the team

- a) as if b) as
c) That d) None

42. Nile is _____ longest river in the world.

- a) a b) an
c) the d) None

43. I have no money in ___ bank

- a) A b) An
c) the d) None

44. She was adept _____ Journalism

- a) at b) on
c) with d) in

45. She was anxious _____ the final match

- a) about b) on
c) with d) for

141.

46. _____ will the next station come?

- a) How b) Why
c) When d) Where

47. This story is written _____

- a) Surely
b) certainly
c) well
d) once

48. Our school bus always comes late

- a) Adverb of frequency
b) Adverb of time
c) Adverb of place
d) Relative Adverb

49. She used to ride her horse earlier

- a) Adverb of Place
b) Adverb of manner
c) Adverb of Time
d) Adverb of degree

50. I Predict that by 2020, man ___ on mars

- a) will have landed
b) will land
c) will be landing
d) None of these

General Knowledge

51. The jaw which is movable in the human skull is _____

- a) upper b) lower
c) both d) None

52. Cranium is the other name of ____

- a) clavicle
b) skull
c) Pelvic bone
d) Pivotal bone



Ranked **No.1** for Sainik School,
RMS & Navodaya Coaching

SAINIK SCHOOL
[A I S S E E]
25+ YEARS OF EXCELLENCE

Free Rms Mock Test

53. The canal that connects the Red sea and the Mediterranean sea is called ____

- a) Palk Strait
- b) Bering Strait
- c) Panama Strait
- d) Suez Strait

54. Zoology is the study of which of the following.

- a) plants
- b) animals
- c) diseases
- d) soil

55. Telegraph was invented by ____

- a) James watt
- b) Samuel Morse
- c) Jonas Salk
- d) Louis Pasteur

56. Which Indian City is called the Southern most point of Indias Territory

- a) Dhanushkodi
- b) Indira Point
- c) Rameswaram
- d) Kanyakumari

57. Grapevine: Climber
: Rose: ____

- a) herb b) shrub
- c) creeper d) None

58. Which among the following get its food from the dead and decaying plants.

- a) algae
- b) fungi
- c) mushroom
- d) None

59. Which nutrient mainly provide energy to our body?

- a) fats
- b) carbohydrates
- c) minerals
- d) vitamins

60. Which vitamin helps our body to use calcium for bones and teeth?

- a) Vitamin D
- b) Vitamin A
- c) Vitamin C
- d) Vitamin B

61. Vitamin A keeps our ____ healthy.

- a) Skin & eyes
- b) teeth & bones
- c) hair & kidneys
- d) None

62. In July 1950 grow more trees campaign was inaugurated by

- a) Kmmunshi
- b) Vinoba Bhave
- c) Sardar Patel
- d) Jawaharlal Nehru

63. Which is the main source of roughage?

- a) fruits
- b) vegetables
- c) pulses
- d) All of the above

64. Indira point is the Southernmost tip of

- a) Maldives
- b) Laccadives
- c) Andaman & Nicobar islands
- d) Dhanushkodi



Ranked **No.1** for Sainik School,
RMS & Navodaya Coaching

SAINIK SCHOOL
[A I S S E E]
25+ YEARS OF EXCELLENCE

Free Rms Mock Test

65. All deficiency diseases can be prevented by taking a ___ diet.

- a) balanced
- b) deficient
- c) a& b
- d) None

66. Which deficiency of vitamin or mineral leads to the swollen neck glands?

- a) Iron
- b) Iodine
- c) Vitamin C
- d) Vitamin B₁

67. What are Tundras

- a) Cold forests
- b) Tropical rain forests
- c) Deciduous Forests
- d) Hot deserts

68. Rickets is caused due to the deficiency of which vitamins?

- a) Vitamin D
- b) Vitamin A
- c) Vitamin B
- d) Vitamin C

69. Which method is used for separating stones from grain?

- a) hand picking
- b)winnowing
- c) threshing
- d) sieving

70. Which process is used to separate a solid dissolved in a liquid?

- a) evaporation
- b) Filtration
- c) handpicking
- d) winnowing

71. A ___ solution is one in which no more of that substance can be dissolved.

- a) saturated
- b) unsaturated
- c) soluble
- d) None

72. What type of change is the sawing of a piece of wood?

- a) reversable
- b) irreverable
- c) chemical
- d)None

73. In which of the root system, all roots seem similar?

- a) tap root
- b) fibrous root
- c) a& b
- d) None

74. The innermost part of flower is called ____

- a) pistil
- b) petals
- c) sepal
- d) None

75. Who is the present Captain of Indian Womens Cricket team

- a)Mithali
- b) Harmanpreet Kaur
- c) Jemimah
- d) None of These

76. Rocks, soil, air, water etc are the examples of ___ components.

- a) biotic
- b) abiotic
- c) aquatic
- d) terrestrial



Ranked **No.1** for Sainik School,
RMS & Navodaya Coaching

SAINIK SCHOOL
[A I S S E E]
25+ YEARS OF EXCELLENCE

Free Rms Mock Test

77. Khyber pass is near which famous city of Pakistan

- a) Lahore
- b) Peshawar
- c) Karachi
- d) Islamabad

78. Goiter is the disease caused by the deficiency of ____

- a) Iodine
- b) Iron
- c) Calcium
- d) Vitamin C

79. Who wrote the Sanskrit Grammar

- a) Kalidasa
- b) Maitreyi
- c) Panini
- d) Kalhana

80. Who qualified the First Indian civil services

- a) Subhash Bose
- b) Rabindranath Tagore
- c) Surendranath Banerjee
- d) Satyendranath Tagore

81. Which Vedas contain sacrificial Formulae?

- a) Sam Veda
- b) Rig Veda
- c) Yajur Veda
- d) Atharva Veda

82. Foods containing proteins are often called

- a) energy giving
- b) body building
- c) Protective
- d) All the above

83. The Jain literature is also known as

- a) Tripiakas
- b) Epics
- c) Aryasutras
- d) Angas

84. Longest Coastline in India

- a) Tamil Nadu
- b) Karnataka
- c) Gujarat
- d) Andhra Pradesh

85. To which court did the famous musician Tansen belong

- a) Akbar
- b) Jahangir
- c) Babar
- d) Humayun

86. To reach Colombo from Kanyakumari one has to cross

- a) Palk strait
- b) Palk Bay
- c) Gulf of Mannar
- d) Cook Strait

87. Which symptoms causes Beri - Beri?

- a) Poor vision
- b) weak muscles
- c) soft bones
- d) bleeding gums

88. The Indian institute of Science is located in

- a) Bengaluru
- b) Kolkata
- c) Mumbai
- d) Chennai



Ranked **No.1** for Sainik School,
RMS & Navodaya Coaching

SAINIK SCHOOL
[A I S S E E]
25+ YEARS OF EXCELLENCE

Free Rms Mock Test

89. Dandi March was carried out by Gandhiji in which year

- a) 1920
- b) 1930
- c) 1925
- d) 1935

90. What is the type of Indian constitution

- a) Quasi federal
- b) Unitary
- c) Federal
- d) Presidential

91. Author of the book "Artha Sastra"

- a) Chandragupta
- b) Chanakya
- c) Megasthenes
- d) S. Nikator

92. Chilka Lake is located in

- a) Bihar
- b) Rajasthan
- c) Odisha
- d) Maharashtra

93. Who gave the title 'Sardar' to Vallabhai Patel

- a) Rajaji
- b) Gandhiji
- c) Nehru
- d) MA Jinnah

94. Which vitamin gets easily destroyed by heat during cooking?

- a) 'C' b) 'A'
- c) 'D' d) 'E'

95. Author of the book "India of My Dreams"

- a) J B Kripalani
- b) MK Gandhi
- c) Gopal Krishna Gokhale
- d) Jawaharlal Nehru

96. Arshdeepsingh is associated with which sport

- a) Hockey
- b) Tennis
- c) Boxing
- d) Cricket

97. The first edition of T20 world cup held in 2007 was won by

- a) Pakistan
- b) Australia
- c) India
- d) England

98. Who was the Indian Cricket team captain in the 720 world cup 2007

- a) Virat Kohli
- b) M.S. Dhoni
- c) Rohit Sharma
- d) KapilDev

99. The famous ship building industry in Japan is located in

- a) Osaka
- b) Hiroshima
- c) Kobe
- d) Nagsaki

100. The part of leaf by which it is attached to the stem is called ____

- a) lamina b) petiole
- c) veins d) midrib



Ranked **No.1** for Sainik School,
RMS & Navodaya Coaching

SAINIK SCHOOL
[A I S S E E]

25+ YEARS OF EXCELLENCE

Free Rms Mock Test

Intelligence Test

101. Look at the series
7, 14, 42, 168, ?
What number should
come next?
a) 672 b) 840
c) 830 d) 900

102. In a certain code
LONDON is coded as
MPOEPO. What will
IVOHSZ mean in the
same code?
a) HUNGRY
b) HUNDRY
c) GRUNUY
d) HONDUS

103. If COLD is written
as ALHY, IRON may be
written as:
a) GUK b) GUSI
c) GOKI d) GKUL

104. A is north of B, C
is west of B. What is the
direction of A with
respect to C?
a) North East
b) East

c) South
d) South West

105. Which one set of
letters when
sequentially placed at
the given letter series
shall complete it?
a - c - a - b - baab -
a) aabbb b) bbcac
c) babaa d) bbacc

106. Giant is to Dwarf
as Genius is to
a) Tiny
b) Child
c) Intelligent
d) Idiot

107. Find the missing
number

2	5	?
10	5	50
5	4	20

a) 10 b) 15
c) 20 d) 25

108. Select the odd
number-pair from the
given alternatives:
a) 123-231
b) 352-523
c) 461-614
d) 478-874

109. Which one set of
letters when
sequentially placed at
the gaps in the given
letter series shall
complete it?
a - adaba - - badab
- d
a) bbab
b) abab
c) bdaa
d) bbba



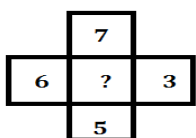
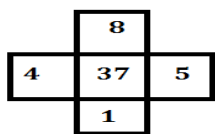
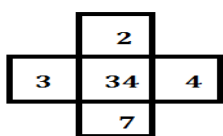
Ranked **No.1** for Sainik School,
RMS & Navodaya Coaching

SAINIK SCHOOL
[A I S S E E]

25+ YEARS OF EXCELLENCE

Free Rms Mock Test

106. Which number replaces the question mark?



- a) 51 b) 57
c) 53 d) 59

111. Find the missing number in the series:

1, 6, 13, 22, 33, ?

- a) 44 b) 45
c) 47 d) 46

112. In a certain code language, "FAIR" is written as "34" and "TALK" is written as "44". How is "FIRE" written in that code language?

- a) 38 b) 40
c) 36 d) 42

113. Select the related number from the given alternatives:

49: 98:: 33:?

- a) 39 b) 52
c) 47 d) 66

114. Arrange the given words in the sequence in which they occur in the dictionary:

1. Bond 2. Band
3. Brand 4. Brain
5. Bend

- a) 25134 b) 25143
c) 21534 d) 21543

115. What is the next letter in the series?

T, A, S, B, R, C, ?

- a) T b) Q
c) U d) S

116. F is the mother of T.T is the sister of W who is the only son of K. J is the brother of K. How is the mother of W related to K?

- a) Mother b) Sister
c) Wife d) Niece

117. Boat is related to oar in the same way as Bicycle is related to

- a) Road b) Wheel
c) Seat d) Paddle

118. You go North, turn right, then right again and then go to the left. In which direction are you now?

- a) North b) South
c) East d) West

119. If PETS = 60 then, BICK = ?

- a) 28 b) 25
c) 27 d) 30

120. Select the related letters from the given alternatives:

CRAP: IMGK :: DINA:?

- a) KCUU b) JDTV
c) XDTU d) JCUV

121. Fill in the blank. Glass: Transparent :: Wood:_____

- a) Opaque b) Paint
c) Furniture d) Block



Ranked **No.1** for Sainik School,
RMS & Navodaya Coaching

SAINIK SCHOOL
[A I S S E E]

25+ YEARS OF EXCELLENCE

Free Rms Mock Test

122. Select the missing number from the given alternatives:

19, 21, 25, 31, 39, ?

- a) 62 b) 53
c) 59 d) 49

123. If '>' represents '+', '<' represents '-', and 'x' represents '÷', find the value

$((1>2<3)>15) \times 10$

- a) 1.0 b) - 1.5
c) 1.5 d) 0

124. Select the odd word from the given alternatives:

- a) Yellow
b) Red
c) blue
d) Rainbow

125. Select the odd number - pair from the given alternatives:

- a) 15 - 45
b) 17 - 51
c) 14 - 44
d) 16 - 48

126. Select the related letters from the given alternatives:

TRUMP : QNVSU ::

BRUCE:?

- a) FBTSA
b) EDUSB
c) DBTQA
d) FDVSC

127. Arrange the given words in the sequence in which they occur in the dictionary:

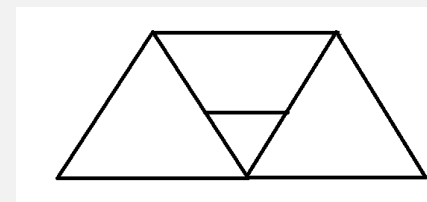
1. Rain 2. Range
3. Right 4. Rest

5. Round
a) 12435
b) 21435
c) 12345
d) 21453

128. If in a special code, LEAP is written as MFBQ, then how will JUMP be written in the same code?

- a) KVNQ b) KLNQ
c) KRLQ d) KMNP

129. How many triangles are there in the given figure?



- a) 4 b) 6
c) 5 d) 7

130. In a clock, the angle traced by the hour hand in 12 hours is:

- a) 360° b) 180°
c) 90° d) 30°

131. Select the missing number from the given alternatives:

4, 9, 15, 22, 30, ?

- a) 39 b) 41
c) 47 d) 52

132. New is related to old in the same way as Day is related to:

- a) Bright b) Night
c) Time d) Sun



Ranked **No.1** for Sainik School,
RMS & Navodaya Coaching

SAINIK SCHOOL
[A I S S E E]

25+ YEARS OF EXCELLENCE

Free Rms Mock Test

133. Select the diagram which represents relation between the classes given below correctly:

Circle, Square, Triangle



134. Select the word which can be given word

REGISTRATION

- a) GIST b) REACT
c) TRACT d) BRAIN

135. Select the correct alternative to replace question - mark (?)

J, L, N, P, ?, T

- a) R b) S
c) V d) U

136. Select the odd letters from the given alternatives:

- a) FE b) NM
c) DC d) QR

137. If today is Thursday, what will be the day after 363 days?

- a) Sunday
b) Saturday
c) Thursday
d) None of these

138. If 'A' means '+', 'B' means '-', 'C' means '÷' and 'D' means '×' than

13 B 11 A 56 C 14 D 2 = ?

- a) 20 b) 29
c) 10 d) 14

139. A man said to a lady, "your mother's husband's sister is my aunt". How is the lady related to the man.

- a) daughter
b) sister
c) mother
d) niece

140. If 'CAR' is coded as 'XYI', then 'FOG' will be coded as _____

- a) ULT b) LUT
c) TUL d) UTL

141. If "SHOP" is coded as "TUIJPQQR", then "GOAT" will be coded as _____

- a) IHPQBCUV
b) HIPQBCUV
c) HIRSBCUV
d) HISTUVBKL

142. If A means +, B means -, c means ×, D means ÷, then what is the value of

16D8A4B8C4?
a) 26 b) - 26
c) - 25 d) 25

143. If ÷ means ×, + means ÷, - means +, × means -, then what is the value of $30 + 6 \div 10 - 8 \times 2 =$

- a) 57 b) 58
c) 55 d) 56

144. If A means ×, B means ÷, c means +, D means -, then what is the value of

6c 12B 3A 8D3 =
a) 37 b) 35
c) 39 d) 33



Ranked **No.1** for Sainik School,
RMS & Navodaya Coaching

SAINIK SCHOOL
[A I S S E E]
25+ YEARS OF EXCELLENCE

Free Rms Mock Test

145. If 'SPORT' is coded as 44, then "GAME" is coded as ____
a) 5 b) 13
c) 49 d) 7

146. IF 'CITY' is coded as 2, then "LAUGH" is coded as ____
a) 5 b) 13
c) 49 d) 7

147. A man walks 2km towards north. Then he turns to east and walks 10km, after this he turns to north and walks 3km, again he turns towards east and walks 2km. How far is he from starting point
a) 13km b) 10km
c) 5km d) 2km

148. If - means +, + means -, \times means \div , \div means \times , then what is the value of
 $15 \times 3 - 7 \div 2 + 4 =$
a) 13 b) 14
c) 15 d) 16

149. Find the odd man out
a) Nose b) Ear
c) Heart d) Legs

150. Find the odd man out
a) sister b) mother
c) cousin d) aunt

MATHEMATICS

151. The predecessor of the greatest 4- digits number is
a) 9999 b) 9998
c) 9000 d) 10000

152. The place value of 0 in the number 47086 is
a) 10 b) 100
c) 1000 d) 0

153. Which among the following is an unit fraction?
a) $\frac{3}{11}$ b) $\frac{5}{7}$
c) $\frac{1}{9}$ d) $\frac{6}{8}$

154. Which among the following is in simplest form?
a) $\frac{4}{18}$ b) $\frac{18}{27}$
c) $\frac{13}{65}$ d) $\frac{3}{5}$

155. The sum off two decimal numbers is 312.56. If one number is 98.24 then find the other number.
a) 198.36 b) 128.56
c) 144.78 d) 214.32

156. The value of $7\frac{1}{4} + 2\frac{1}{9} - 4\frac{5}{6}$ is
a) $5\frac{1}{7}$ b) $6\frac{2}{7}$
c) $6\frac{3}{5}$ d) $4\frac{19}{36}$

157. The smallest number of 5 -digits that is divisible by 20, 30 and 36 is
a) 10060 b) 10000
c) 10080 d) 10024

158. The decimal form of $\frac{5}{6}$ is
a) 0.48 b) 0.56
c) 0.83 d) 0.74



Ranked **No.1** for Sainik School,
RMS & Navodaya Coaching

SAINIK SCHOOL
[A I S S E E]
25+ YEARS OF EXCELLENCE

Free Rms Mock Test

159. Simplify: -

$$\frac{3}{4} \text{ of } \frac{2}{5} + \frac{3}{4} \times$$

20% of 250

- a) $17\frac{2}{5}$ b) $13\frac{5}{7}$
c) $8\frac{2}{7}$ d) $10\frac{2}{5}$

160. Arrange the following fractions in descending order.

$$\frac{3}{5}, \frac{4}{11}, \frac{6}{7}, \frac{5}{7}$$

- a) $\frac{3}{5}, \frac{5}{7}, \frac{4}{11}, \frac{6}{7}$
b) $\frac{3}{5}, \frac{6}{7}, \frac{4}{11}, \frac{5}{7}$
c) $\frac{4}{11}, \frac{6}{7}, \frac{3}{5}, \frac{5}{7}$
d) $\frac{6}{7}, \frac{5}{7}, \frac{3}{5}, \frac{4}{11}$

161. Out of 500 students in a school 40% like football, 25% like dance and 20% like cricket and remaining like music. Find the number of students who like music

- a) 125 b) 200
c) 75 d) 100

162. Find the length of a rectangle whose area is 216m^2 and breadth 12m.

- a) 15m b) 16m
c) 14m d) 18m

163. Find the square root of 1521.

- a) 29 b) 19
c) 39 d) 21

164. Three numbers are in the ratio of 3:5:9. If third number 81 then find the first number.

- a) 27 b) 45
c) 81 d) 54

165. Find the loss if an article is bought for Rs.1200/- and sold for Rs.1000/-.

- a) Rs.180/-
b) Rs.420/-
c) Rs.400/-
d) Rs.200/-

166. The cost of 14 bananas is Rs.84/- then find the cost of 5 dozen bananas.

- a) Rs.600/-

b) Rs.360/-

c) Rs.480/-

d) Rs.520/-

167. Find the third proportion of 18, 24 and 36.

- a) 30 b) 27
c) 20 d) 48

168. Convert 1m^3 into cm^3

- a) 100000
b) 1000000
c) 1000
d) 10000000

169. A can do a piece of work in 8 days, B can do the same work in 10 days then In how many days both A and B together can finish the same work?

- a) $3\frac{2}{7}$ days b) $4\frac{4}{9}$ days
c) $5\frac{2}{9}$ days d) $6\frac{2}{9}$ days

170. The value of $0.09 \times 0.9 \times 9$ is ____

- a) 0.819 b) 0.999
c) 909.9 d) 0.729



Ranked **No.1** for Sainik School,
RMS & Navodaya Coaching

SAINIK SCHOOL
[A I S S E E]
25+ YEARS OF EXCELLENCE

Free Rms Mock Test

171. The LCM of $2^3 \times 3^2 \times 5$, $2^4 \times 3^3 \times 7$ and $2^4 \times 3^2 \times 5 \times 7$ is ____

- a) $2^3 \times 3^2 \times 5$
- b) $2^5 \times 3^2 \times 7$
- c) $2^4 \times 3^3 \times 5 \times 7$
- d) $2^4 \times 3 \times 5 \times 7$

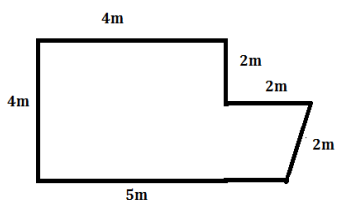
172. The common factor of 96, 112 is

- a) 16
- b) 9
- c) 12
- d) 18

173. 24 women can do a piece of work in 18 days then In how many days 36 women will finish it?

- a) 20 days
- b) 18 days
- c) 24 days
- d) 12 days

174. Find the perimeter of the following figure?



- a) 15m
- b) 13m
- c) 21m
- d) 19m

175. The difference of greatest 3 - digits number and smallest prime of 3 - digits is ____

- a) 999
- b) 1100
- c) 898
- d) None of these

176. Find the value of A; if $26064 \div A = 1086$

- a) 24
- b) 32
- c) 36
- d) 40

177. In a division sum, the quotient is 216 and remainder is 12 and divisor is 18 then find the dividend.

- a) 3888
- b) 3900
- c) 3876
- d) None of these

178. Prime factorization of 200 is

- a) $2 \times 2 \times 2 \times 5 \times 5$
- b) $2 \times 3 \times 5 \times 5$
- c) $2 \times 3 \times 5 \times 5$
- d) $2 \times 3 \times 5$

179. What least value should be added to $\frac{3}{11}$ to make it a whole number?

- a) $\frac{5}{11}$
- b) $\frac{9}{11}$
- c) $\frac{7}{11}$
- d) $\frac{8}{11}$

180. $\frac{4}{7}$ is what part of

- $\frac{4}{15}$?
- a) $\frac{15}{17}$
- b) $\frac{24}{35}$
- c) $\frac{19}{27}$
- d) $\frac{15}{28}$

31.

181. The average of five consecutive numbers is 24. then find the greatest number among them.

- a) 26
- b) 22
- c) 24
- d) 25

182. The HCF and LCM of two numbers is 7 and 210 respectively. If one of the numbers is 35. Find the other.

- a) 42
- b) 60
- c) 35
- d) 38



Ranked **No.1** for Sainik School,
RMS & Navodaya Coaching

SAINIK SCHOOL
[A I S S E E]

25+ YEARS OF EXCELLENCE

Free Rms Mock Test

183. Three tanks contain 42, 56 and 112 litres of water. What is the largest measure that can measure all the different quantities?
a) 15 litres b) 14 litres
c) 20 litres d) 3 litres

184. 24 minutes is what percent of 2 hours?
a) 35% b) 20%
c) 40% d) 60%

185. The expanded form of 23.576 is ___
a) $200 + 3 + \frac{5}{10} + \frac{7}{100} + \frac{6}{1000}$
b) $20 + 3 + \frac{5}{10} + \frac{7}{100} + \frac{6}{1000}$
c) $20 + 30 + \frac{5}{10} + \frac{7}{100} + \frac{6}{1000}$
d) $200 + 30 + \frac{5}{10} + \frac{7}{100} + \frac{6}{1000}$

186. Convert 4526 seconds into minutes and seconds.
a) 72 min 40 sec
b) 84 min 28 sec
c) 68 min 50 sec
d) 75 min 26 sec

187. Ram bought 5kg 450 g apples, 3 kg 240g potatoes and 8 kg 480g vegetables from shop. How many kg of fruits and vegetables did he buy?
a) 19 kg 400g
b) 17kg 170g
c) 20kg 180g
d) 24kg 180g

188. A car covers 440kms in $5\frac{1}{2}$ hours then calculate the speed of the car.
a) 60kmph
b) 80kmph
c) 72kmph
d) 84kmph

189. If a car covers at a speed of 60 km/hr for 20minutes and at a speed of 40kmph for the next 24 minutes. Find the average speed.
a) 49kmph
b) 52kmph
c) 36kmph
d) 60kmph

190. The sum of prime numbers between 15 and 30 is ___
a) 88 b) 72
c) 64 d) 90

191. Round off to the nearest thousands - 79864
a) 75000 b) 79000
c) 70000 d) 80000

192. Simplify: -
 $\frac{5}{7}$ of $\frac{4}{5}$
+ $\frac{3}{5}$ of 40% of 800.
a) $136\frac{3}{7}$
b) $192\frac{4}{7}$
c) $112\frac{5}{7}$



Ranked **No.1** for Sainik School,
RMS & Navodaya Coaching

SAINIK SCHOOL
[A I S S E E]

25+ YEARS OF EXCELLENCE

Free Rms Mock Test

d) None of these

193. Form the greatest number of 5- digits using the digits 7, 0, 9 - digits can repeat.

- a) 70999 b) 99770
c) 97970 d) 99970

194. Simplify: -

$$48 \div 3 \text{ of } 4 + 56 - 20 \\ \div 5 \times 2$$

- a) 36 b) 52
c) 48 d) 60

195. Convert $3\frac{5}{8}$ into percentage

- a) 184.5% b) 144.8%
c) 274.8% d) 362.5%

196. If Rs.600/- amounts to Rs.840/- in 4 years on simple interest then find the rate percent.

- a) 5% b) 10%
c) 8% d) 12%

197. The product of 216×0.002 is___

- a) 0.432 b) 43200
c) 4.32 d) 432

198. Profit% =

- a) $\frac{\text{Profit}}{\text{Cost Price}} \times 100$
b) $\frac{\text{Cost Price}}{\text{Selling Price}} \times 100$
c) $\frac{\text{Profit}}{\text{Selling Price}} \times 100$
d) None of these

199. The smallest even prime is___

- a) 1 d) 0
c) 3 d) 2

200. The sum of 3.33, 333, 33.33 and 33.03 is

- a) 376.89 b) 386.54
c) 402.69 d) 484.73