

# RASHTRIYA MILITARY SCHOOL

## [ENTRANCE EXAM]

### ENGLISH

**DIRECTIONS (1–5):** Choose the opposite word of the following:

- Segregate  
(a) Integrate (b) Correlate  
(c) Allude (d) Implicate
- Revel  
(a) Mourn (b) Rejoice  
(c) Enjoy (d) Appreciate
- Comfort  
(a) Enjoyment (b) Discontentment  
(c) Luxury (d) Happiness
- Anxiety  
(a) Certainty (b) Restlessness  
(c) Nervousness (d) Panic
- Triumph  
(a) Celebration (b) Failure  
(c) Joy (d) Pride

**DIRECTIONS (6–10):** Choose the correct meaning of the idioms/ proverbs given below:

- Every inch  
(a) Calculative (b) Partly  
(c) Entirely (d) Somewhat
- To take to heart  
(a) To be greatly affected  
(b) To take something heartily  
(c) To suffer from heart disease  
(d) To strike at the heart, out of enjoyment
- Get the show on the road  
(a) Putting up a plan or idea into action  
(b) Contained in a list of members, employees or clients  
(c) Feeling uncomfortable in unfamiliar surroundings  
(d) Doing something with a lot of energy and enthusiasm
- Hope against hope  
(a) Think wishfully from time to time  
(b) Nurture an impossible hope  
(c) Hoped with good reason  
(d) Pretend to hope
- Bark up the wrong tree  
(a) To stay in jail  
(b) Give trouble  
(c) Accuse the wrong person  
(d) Beat up completely

**DIRECTIONS (11–15):** Choose the word which best expresses the meaning of the given words:

- Wander  
(a) Roam (b) Sing  
(c) Run (d) Think
- Abolish  
(a) Introduce (b) Eliminate  
(c) Continue (d) Establish
- Calm  
(a) Relaxed (b) Clean  
(c) Cranky (d) Joyful
- Commence  
(a) Start (b) Stand  
(c) Shoot (d) Stop
- Spill  
(a) Drop (b) Absorb  
(c) Feather (d) Filter

**DIRECTIONS (16–20):** Choose the correct spelling:

- (a) Deceive (b) Decieve  
(c) Diceive (d) Dicieve
- (a) Argumeant (b) Argument  
(c) Arguement (d) Argumant
- (a) Supercode (b) Superced  
(c) Supersede (d) Superseed
- (a) Abandant (b) Abendant  
(c) Abudent (d) Abundant
- (a) Asassian (b) Assassin  
(c) Assasin (d) Assassen

**DIRECTIONS (21–25):** Give one word for the following:

- A musical composition made up of a series of songs or short pieces  
(a) Orchestra (b) Lyric  
(c) Medley (d) Band
- A person who presents a radio/television programme  
(a) Anchor (b) Actor  
(c) Comedian (d) Choreographer
- An examination of a dead body to determine the cause of death  
(a) Analysis (b) Suicide  
(c) Post-mortem (d) Homicide
- A person employed to drive a private or hired car  
(a) Chauffeur (b) Pilot  
(c) Escort (d) Captain

25. Something that cannot be heard  
 (a) Infallible (b) Audible  
 (c) Inaudible (d) Irrevocable

**DIRECTIONS (26-30):** Read the passage carefully and answer the questions that follow:

Our mayor is always raising money for one cause or another, but he has never managed to get enough money to have the town clock repaired. The big clock, which used to strike the hours day and night was damaged during the war and has been silent ever since. One night, however, our mayor woke up with a start: the clock was striking the hours! Looking at his watch, he saw that it was one o'clock, but the bell struck thirteen times before it stopped. Armed with a torch, the mayor went up into the clock tower to see what was going on. In the torchlight, he caught sight of a figure whom he immediately recognized as Bill Wilkins, our local grocer. "What are you doing up here Bill?" asked the mayor in surprise. "I'm trying to repair the bell," answered Bill. "I've been coming up here night after night for weeks now. You see, I was hoping to give you a surprise. You certainly did give me a surprise!" said the mayor. "You've probably woken up everyone in the village as well. Still, I am glad the bell is working again. That's the trouble, mayor," answered Bill. "It's working all night, but I'm afraid that at one o'clock it will strike thirteen times and there's nothing I can do about it." "We'll get used to that Bill," said the mayor. "Thirteen is not as good as one, but it's better than nothing. Now let's go downstairs and have a cup of tea."

26. Who managed to repair the town clock?  
 (a) The mayor (b) The vicar  
 (c) Bill Whitney (d) Bill Wilkins
27. How many times did the bell strike?  
 (a) 12 (b) 10 (c) 13 (d) 14
28. "You've probably woken up everyone in the village as well". Who said these words?  
 (a) The Mayor (b) Bill Wilkins  
 (c) The Vicar (d) The town clock
29. The town clock was damaged during \_\_\_\_\_.  
 (a) An Earthquake (b) The war  
 (c) The snowfall (d) The Tsunami
30. Which of the following words is similar in meaning to 'Glad'?  
 (a) Gloomy (b) Happy  
 (c) Annoyed (d) Devastated

**DIRECTIONS (31-35):** Identify the correct parts of the speech of the underlined words:

31. How many hot dogs did your friend eat yesterday?  
 (a) verb (b) noun  
 (c) adverb (d) adjective
32. Roger Bannister finished the mile race very quickly in 1954.  
 (a) verb (b) adjective  
 (c) adverb (d) noun
33. Her father flies to many countries in the world because he is a pilot.  
 (a) verb (b) noun  
 (c) adjective (d) pronoun

34. My sister is very smart. She got an A+ in all of her tests!  
 (a) verb (b) adverb  
 (c) adjective (d) noun
35. Western Australia is the largest state in Australia.  
 (a) verb (b) adjective  
 (c) noun (d) adverb

**DIRECTIONS (36-40):** Fill in the blanks with the most appropriate word:

36. Look! The baby \_\_\_\_\_.  
 (a) cries (b) cried  
 (c) is crying (d) has cried
37. I \_\_\_\_\_ my grandparents last week.  
 (a) visit (b) visited  
 (c) am visiting (d) have visited
38. John \_\_\_\_\_ to Paris recently.  
 (a) is (b) was  
 (c) is being (d) has been
39. I \_\_\_\_\_ Mona for a long time.  
 (a) don't see (b) didn't see  
 (c) am n't seeing (d) haven't seen
40. Ravi \_\_\_\_\_ his guitar at the moment.  
 (a) plays (b) played  
 (c) is playing (d) has played

**DIRECTIONS (41-45):** Rearrange the following in a sequence to form meaningful sentences and choose the correct options:

41. Blame/indifferent/to praise/and/he is  
 (a) To praise and blame he is indifferent.  
 (b) And to praise and blame he is indifferent.  
 (c) To praise he is indifferent and blame.  
 (d) He is indifferent to praise and blame.
42. has to/many hardships/in life/man/face  
 (a) In life many hardships man has to face.  
 (b) Man has to face many hardships in life.  
 (c) Many hardships in life man has to face.  
 (d) To face many hardships in life man has to.
43. reproduce/many/plants/using/their/stems.  
 (a) Using their stems many plants reproduce.  
 (b) Plants reproduce stems their using many.  
 (c) Many plants reproduce using their stems.  
 (d) Reproduce many plants using their stams.
44. did not/endeavour/in/his/succeed/he  
 (a) In his endeavour he did not succeed.  
 (b) His endeavour he did not succeed in  
 (c) He did not succeed in his endeavour.  
 (d) He did not endeavour his succeed in.
45. Many/people/try to/resist/reforms/in the/society.  
 (a) In the society many people try to resist reforms.  
 (b) Try to resist reforms many people in the society.  
 (c) People in the society try to resist many reforms.  
 (d) Many people try to resist reforms in the society.

**DIRECTIONS (46-50):** Complete the following passage by choosing the correct option from those given below:

Malti had to wait long to see her son, Abhik. She had worked hard to (46) \_\_\_\_\_ her husband's last wish that Abhik should (47) \_\_\_\_\_ his higher education at Cambridge. Abhik (48) \_\_\_\_\_ to be meritorious and hardworking and had secured a seat. Making ends meet was (49) \_\_\_\_\_ and a trip back home in the vacation, (50) \_\_\_\_\_ for the mother and son.

46. (a) fulfil (b) produce  
(c) perform (d) finish
47. (a) pursue (b) delete  
(c) provide (d) approach
48. (a) is proving (b) had proved  
(c) prove (d) will prove
49. (a) inspiring (b) worthy  
(c) difficult (d) severe
50. (a) uncouth (b) unaffordable  
(c) uncomfortable (d) unbearable

### GENERAL KNOWLEDGE AND CURRENT AFFAIRS

51. What do the five rings on the Olympic symbol represent?  
(a) the five oceans (b) the five continents  
(c) the five planets (d) five Greek Gods
52. Which of the following city is going to host the summer Olympics of 2024?  
(a) Beijing (b) South Korea  
(c) Sydney (d) Paris
53. Who among the following is the founder of Microsoft Corporation?  
(a) Jimmy Wales (b) Douglas Engelbart  
(c) Bill Gates (d) Steve Jobs
54. \_\_\_\_\_ is the founder of Facebook.  
(a) Larry Page (b) Jimmy Wales  
(c) Brian Acton (d) Mark Zuckerberg
55. Name of the Afghanistan Parliament is:  
(a) National Assembly (Shoora)  
(b) Parliament  
(c) Congress  
(d) None of these
56. Name of the China Parliament is:  
(a) National Peoples Congress  
(b) National Assembly  
(c) Paliament  
(d) None of these
57. Under whose reign was National Emergency imposed in India?  
(a) I.K. Gujral (b) A.B. Vajpayee  
(c) P.V. Narasimha Rao (d) Indira Gandhi
58. Who was the Defence Minister of India during the Indo China War of 1962?  
(a) R.N. Thapar (b) Govind Ballabh Pant  
(c) V.K. Krishna Menon (d) Jagiivan Ram
59. What is the minimum age requirement to become the President of India?  
(a) 25 years (b) 30 years  
(c) 35 years (d) 40 years
60. The full form of NASA is?  
(a) National Aerospace and Space Administration  
(b) National Aeronautics and Satellite Administration  
(c) National Aeronautics and Space Administration  
(d) National Aeronautics and Space Academy
61. An Endoscope is used to:  
(a) measure the depth of the ocean  
(b) measure the sound under water  
(c) measure humidity in the air  
(d) examine the internal parts of the body
62. The Statue of Unity in India is the world's tallest statue of \_\_\_\_\_.  
(a) M.K. Gandhi  
(b) Sardar Vallabhbhai Patel  
(c) Vinoba Bhave  
(d) Dr. B.R. Ambedkar
63. Which is the world's deepest lake?  
(a) Lake Baikal (b) Lake Kivu  
(c) Lake Victoria (d) Lake Malawi
64. CIA is the intelligence agency of which Country?  
(a) USA (b) UK  
(c) Pakistan (d) None of the above
65. National Emblem of India has been taken from which of the following?  
(a) Ashoka pillar of Sarnath  
(b) Rigveda  
(c) Sanchi Stupa  
(d) Bodh Gaya
66. The National Emblem of India has \_\_\_\_\_ facing four separate directions.  
(a) Four Cows (b) Four Lions  
(c) Four tigers (d) None of these
67. Which city is known as 'Space City'?  
(a) Pune (b) Bengaluru  
(c) Mangalore (d) Mysore
68. Which city is known as the 'City of Seven Islands'?  
(a) Puducherry (b) Kochi  
(c) Mumbai (d) Bengaluru
69. Who founded the Magadha Empire?  
(a) Bimbisara (b) Ajatashatru  
(c) Kalashoka (d) Dhana Nanda
70. How many Mahajanapadas or 'Great Kingdoms' existed in ancient India during the lifetime of Lord Gautam Buddha?  
(a) 12 (b) 10  
(c) 16 (d) 14
71. Which of the following is the most sacred or holy book of Islam?  
(a) Avesta (b) Pitaka  
(c) Tanakh (d) Quran

72. Who along with Bhagat Singh threw a bomb in the Legislative Assembly in April 1929?  
 (a) Sukhdev (b) Surya Sen  
 (c) V.D. Savarkar (d) Batukeshwar Dutt
73. The first Battle of Panipat was fought between Ibrahim Lodi and \_\_\_\_\_  
 (a) Jehangir (b) Akbar  
 (c) Humayun (d) Babur
74. Which among the following temples is known as the Bahai Temple?  
 (a) Lotus Temple (b) Dilwara Jain Temple  
 (c) Golden Temple (d) Mahabodhi Temple
75. Somnath temple is situated on coast of which state?  
 (a) Maharashtra (b) Goa  
 (c) Tamil Nadu (d) Gujarat
76. 'Bihu' is the most important festival of which state?  
 (a) Odisha (b) Mizoram  
 (c) Chhattisgarh (d) Assam
77. Khadar and Bhangar are types of \_\_\_\_\_ soil.  
 (a) Black (b) Laterite  
 (c) Red (d) Alluvial
78. Which soil contains high iron content?  
 (a) Yellow soil (b) Red soil  
 (c) Laterite soil (d) Arid soil
79. With regard to the value of latitudes of important places, which of the following is matched correctly.  
 1. Equator - Zero  
 2. Tropic of Cancer -  $23^{\circ}30'N$   
 3. Tropic of Capricorn -  $23^{\circ}30'S$   
 (a) 1 only (b) 1 and 2 only  
 (c) 3 only (d) 1, 2 and 3
80. 49th parallel line is a boundary between:  
 (a) India and Pakistan  
 (b) North Korea and South Korea  
 (c) USA and Canada  
 (d) France and Germany
81. The Sundarbans stretch to which neighbouring country in India?  
 (a) Bangladesh (b) Pakistan  
 (c) Nepal (d) Bhutan
82. How many Coastal States are there in India?  
 (a) 8 (b) 9  
 (c) 10 (d) 12
83. Which is the farthest planet from the Sun?  
 (a) Mercury (b) Saturn  
 (c) Neptune (d) Mars
84. After how many Year's FIFA World Cup is held?  
 (a) 2 Years (b) 2 Years  
 (c) 4 Years (d) Every year
85. Who has the Highest Number of Gold Medals in Olympic History?  
 (a) Larisa Latynina (b) Mark Spitz  
 (c) Michael Phelps (d) Saina Nehwal
86. Where is the Famous Boxer Mary Kom from?  
 (a) Manipur (b) Mizoram  
 (c) Nagaland (d) Tripura
87. Who has been crowned Miss Universe 2021?  
 (a) Roshanara Ebrahim (b) Noa Kochba  
 (c) Harnaaz Sandhu (d) Nandita Banna
88. The first recipient of Rajiv Gandhi's 'Kehl Ratna' award is-  
 (a) Vishwanathan Anand (b) Leander Peas  
 (c) Kapil Dev (d) Limba Ram
89. Pulitzer prize is awarded for outstanding work in the field of-  
 (a) Science and Technology  
 (b) Environmental Studies  
 (c) Literature and Journalism  
 (d) International Understanding
90. Who invented Bifocal Lens?  
 (a) Alfred B. Nobel (b) Thomas Alva Edison  
 (c) Benjamin Franklin (d) Rudolf Diesel
91. What is the capital of Bhutan?  
 (a) Kuala Lumpur (b) New Delhi  
 (c) Thimphu (d) Lefkosia
92. The Koyna, Tungabhadra and Bhima rivers are the major tributaries of which of the following river?  
 (a) Tapi (b) Ganga  
 (c) Godavari (d) Krishna
93. Which of the following are components of Central Processing Unit (CPU)?  
 (a) Arithmetic logic unit, Mouse  
 (b) Arithmetic logic unit, Control unit  
 (c) Arithmetic logic unit, Integrated Circuits  
 (d) Control Unit, Monitor
94. The human eye forms the image of an object at its  
 (a) cornea (b) iris  
 (c) pupil (d) retina
95. The birthday of which of the leader in India is observed as Children's day?  
 (a) Mahatma Gandhi (b) S. Radhakrishnan  
 (c) Rajiv Gandhi (d) Jawaharlal Nehru
96. Sky appears blue due to:  
 (a) Dispersion (b) Scattering  
 (c) Refraction (d) Reflection
97. 'Mrichchakatika' was written by-  
 (a) Vikramaditya (b) Shudraka  
 (c) Kalhana (d) Banabhatta
98. Who is the writer of the book "Leaders, Politicians, Citizens"?  
 (a) Sashi Tharoor (b) Sharad Pawar  
 (c) Rasheed Kidwai (d) Shekhar Gupta
99. Who among the following is the Defence Minister of India?  
 (a) Amit Shah (b) Nitin Gadkari  
 (c) Rajnath Singh (d) Jagdeep Dhankar

100. What is the name of the lander which ISRO aims to land on moon's surface by Chandrayaan-3 Mission?  
 (a) Vikram (b) Pragyan  
 (c) Kalpana (d) Bhabha

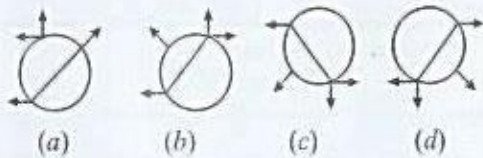
**INTELLIGENCE TEST**

**DIRECTIONS (101-103):** In each of the following questions, if a mirror is placed on the line XY, then which of the answer figures is the right image of the given figure?

101. Question Figure



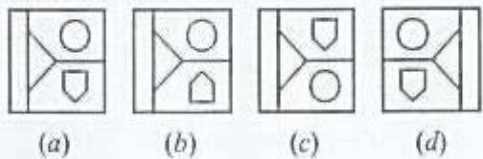
Answer Figures



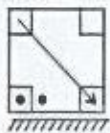
102. Question Figure



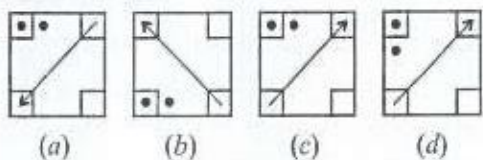
Answer Figures



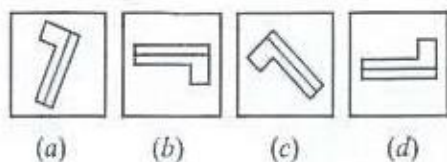
103. Question Figure



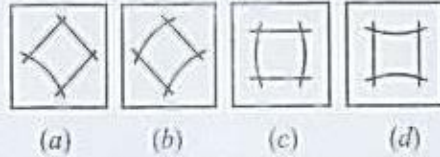
Answer Figures



104. Three of the following figure are alike in a certain way. Choose the one that is different from the rest.



105. Three of the following figure are alike in a certain way. Choose the one that is different from the rest.



**DIRECTIONS (106-110):** Study the following information carefully to answer the questions given below it:

Seven friends viz. Anu, Bhanu, Charu, Disha, Elina, Fatima and Garima are sitting in a row, facing towards North. Anu sits at one of the ends of the row. Only one person is sitting between Anu and Garima. Two persons are sitting between Bhanu and Garima. More than two persons are sitting to the right of Bhanu. Charu and Disha are immediate neighbours. Anu and Elina are not immediate neighbours. Disha is not sitting third to the left of Fatima.

106. Who is sitting to the immediate right of Fatima?

- (a) Anu (b) Bhanu  
 (c) Charu (d) Disha

107. What is the position of Garima with respect to Disha?

- (a) Second to the right (b) Immediate right  
 (c) Immediate left (d) Cannot be determined

108. Who sits second to the right of Charu?

- (a) Disha (b) Fatima  
 (c) Garima (d) Bhanu

109. How many persons are sitting between Anu and Charu?

- (a) Three (b) Two  
 (c) Four (d) One

110. Who among the following is an immediate neighbour of Charu and Elina?

- (a) Disha (b) Garima  
 (c) Bhanu (d) There is no such person

111. If 'A' means '+', 'B' means '÷', 'C' means '<sup>-</sup>' and 'D' means '×'. Then what will be the resultant of 36 B 12 D 6 A 2 C 10?

- (a) 12 (b) 5  
 (c) 10 (d) 20

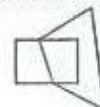
112. If '%' means '×', '#' means '÷', '&' means '+' and '@' means '-'. Then what will be the result of 3 % 9 @ 6 & 8 # 8?

- (a) 16 (b) 32  
 (c) 22 (d) 23

113. There are five friends viz. Shane, Dave, Ricky, Pinky and Joy. Each of them has a different age. Pinky is older than Dave. Shane was born before Joy. Ricky is younger than Pinky who was born after Joy. Who among the following is the youngest?

- (a) Shane (b) Ricky  
 (c) Dave (d) Cannot be determined

114. How many quadrilaterals are there in the given figure?



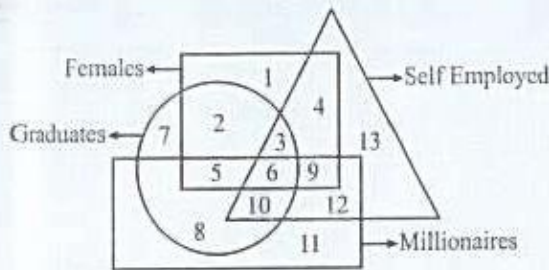
- (a) 3 (b) 2 (c) 4 (d) 1

**DIRECTIONS (115-117):** Study the following information carefully to answer the questions given below it.

There are five jars viz. M, N, O, P and Q. All the jars are arranged from top to bottom but not necessarily in the same order. All the jars contain different items viz. pickle, cookies, candies, sugar and oil but not necessarily in the same order. Jar P is kept either at the top or second position from the top. There are two jars between the jar P and the jar which contains cookies. There is one jar between the jar which contains cookies and M. There are two jars between the jar M and the jar which contains sugar. The jar which contains pickle is placed immediately above the jar which contains oil. There is one jar between the jar which contains oil and O. Jar N is kept above jar Q. Jar Q does not contain sugar. Jar N is not placed at the top.

115. How many jars are kept above the jar which contains candies?  
 (a) Three (b) Two  
 (c) One (d) None
116. Which of the following jars is kept at the top?  
 (a) P (b) M  
 (c) Q (d) N
117. The jar kept between M and Q contains which of the following items?  
 (a) Candies (b) Pickle  
 (c) Oil (d) None of these

**DIRECTIONS (118-120):** Answer the following question based on the figure given below. In the figure, square represents females, rectangle represents millionaires, triangle represents self employed persons and circle represents graduates.



118. How many self employed females are millionaires?  
 (a) 10 (b) 15 (c) 16 (d) None of these
119. How many millionaires are neither graduates nor self-employed?  
 (a) 11 (b) 19 (c) 18 (d) None of these
120. How many females are neither self employed nor graduates?  
 (a) 3 (b) 2 (c) 5 (d) None of these
121. In this question, choose the alternative which represents the most meaningful arrangement of the following words.  
 1. Blue 2. Red 3. Green 4. Yellow  
 5. Orange  
 (a) 25134 (b) 41352 (c) 42315 (d) 25431
122. In a row of students, Mike is 15th from the left and Michael is 16th from the right. Mike and Michael are immediate neighbours. How many students are there in the row?  
 (a) 31 (b) 28  
 (c) 29 (d) Cannot be determined

123. Arrange the following words in the same order as found in the dictionary.

1. Brunch 2. Brazil 3. Breed 4. Broken  
 5. Bright

(a) 34512 (b) 23541 (c) 23514 (d) 25413

124. Arrange the following words in the same order as found in the dictionary.

1. Base 2. Barrier 3. Barrel 4. Barely

(a) 1234 (b) 4312 (c) 4213 (d) 4321

125. Arrange the following words in the same order as found in the dictionary.

1. Direct 2. Direction 3. Directly

4. Director 5. Dinner

(a) 51243 (b) 51234 (c) 51342 (d) 51432

126. Select the missing number in the given series.

205, 230, 255, 280, ?

(a) 300 (b) 305 (c) 315 (d) 295

127. Select the missing number in the given series.

4, 16, 36, 64, ?

(a) 256 (b) 100 (c) 81 (d) 96

128. Select the missing number in the given series.

329, 3292, 32924, 329246, ?

(a) 329248 (b) 3293468

(c) 3292468 (d) 3294680

129. Select the missing number in the given series.

834, 96, 54, 20, ?

(a) -14 (b) 0 (c) 6 (d) 2

130. Which of the following words cannot be formed using the letters of the word-"Bigmouths"?

(a) Thumbs (b) Sought

(c) Submit (d) Mind

131. How many meaningful words of four letters can be formed using the first, second, seventh and eleventh letter of the word - "Improvements" using each letter only once?

(a) None (b) One

(c) Two (d) More than two

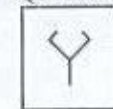
132. Select the related number from the given alternatives.

19 : 59 :: 17 : ?

(a) 51 (b) 52 (c) 53 (d) 59

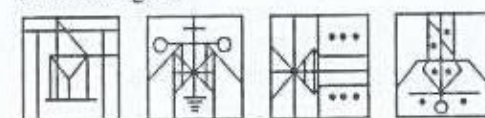
133. Select a figure from the options in which figure (X) is exactly embedded as one of its part.

Questions Figure



(X)

Answer Figure



(a)

(b)

(c)

(d)

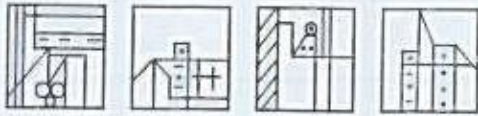
134. Select a figure from the options in which figure (X) is exactly embedded as one of its part.

Question Figure



(X)

Answer Figures



(a) (b) (c) (d)

135. Select the related word from the given alternatives.

Book : Author :: ? : Composer

- (a) Novel (b) Painting  
(c) Piano (d) Music

136. Select the related word from the given alternatives.

INTERNATIONAL : THIRTEEN :: LOCAL : ?

- (a) FIVE (b) ZERO (c) ONE (d) TEN

137. Select the related word from the given alternatives.

Time : Clock :: Temperature : ?

- (a) Celsius (b) Thermometer  
(c) Degree (d) Heat

138. Select the odd element from the given options.

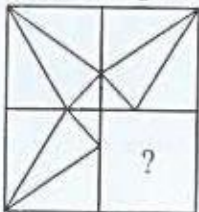
- (a) OUT (b) PIN (c) LEG (d) HOT

139. Select the odd element from the given options.

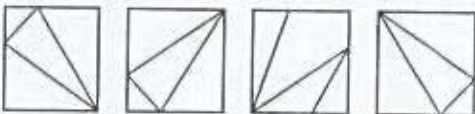
- (a) 347 (b) 415 (c) 235 (d) 359

140. Which of the following options will complete the pattern in the following figure?

Question Figure



Answer Figures



(a) (b) (c) (d)

141. Which one set of letters when sequentially placed at the gaps in the given letter series shall complete it?

X \_ C X X X \_ X X \_ C X

- (a) XXC (b) CCX (c) XCX (d) CXC

142. Select the odd element from the given options.

- (a) 27-9 (b) 63-3 (c) 56-6 (d) 72-6

143. Select the odd element from the given options.

- (a) Nail (b) Brush (c) Crayon (d) Pen

144. Select the odd element from the given options.

- (a) Hut (b) Cave (c) Fort (d) Mansion

145. If CROCODILE is coded as CORCOELID, then what will be the code for SEPTEMBER?

- (a) ETEPSREBM (b) TEPSEREBM  
(c) TPESREBME (d) TEPSEREBM

146. If BAD is coded as 214, ACE is coded as 135 then what will be the code for FACE?

- (a) 615 (b) 6150 (c) 6135 (d) 365

147. In a certain coded language, "Suffering is necessary" is written as "SIN", "Pleasure is good" is written as "PIG", then how will "Chinese are disciplined" be written in that code?

- (a) CAD (b) CAT (c) BAT (d) CIN

148. If Parallelogram is coded as 4 and Triangle is coded as 3, then Hexagon will be coded as?

- (a) 2 (b) 5 (c) 6 (d) 7

149. What will come in place of question mark(?) in the following series?

AD, EH, IL, ?, QT

- (a) LM (b) MN (c) MP (d) OM

150. Which one set of letters when sequentially placed at the gaps in the given letter series shall complete it?

NA \_ Y N \_ \_ Y N A B \_

- (a) BABY (b) BBAB (c) BYBY (d) BBBY



151. If two perpendicular sides of a right-angled triangle are 10 cm and 24 cm respectively then find its area.

- (a) 100 cm<sup>2</sup> (b) 120 cm<sup>2</sup>  
(c) 150 cm<sup>2</sup> (d) 110 cm<sup>2</sup>

152. 14% of  $x = 0.007$ , then the value of  $x$  is.

- (a) 0.5 (b) 0.005 (c) 0.05 (d) 0.0005

153.  $4 - \left[ 4 \frac{1}{2} - \left\{ 3 \frac{1}{2} - \left( 2 \frac{1}{2} - 1 \frac{1}{2} \right) \right\} \right] = ?$

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

154. Which is the smallest 5-digit even number formed by using the digits 3, 0, 1, 5 and 6

- (a) 10536 (b) 16350 (c) 10356 (d) 16530

155. How many prime numbers are between 40 and 50?

- (a) 3 (b) 4 (c) 5 (d) 6

156. Which of following numbers is neither prime nor composite?

- (a) 3 (b) 2 (c) 1 (d) 4

157. What is the product of the place value and face value of 3 in 43256?

- (a) 3000 (b) 8000 (c) 7000 (d) 9000

158. The average of the first six multiples of 7 is:  
(a) 22 (b) 24.5 (c) 23.5 (d) 24.25
159. The L.C.M. of 15, 20, 25 and 30 is:  
(a) 250 (b) 400 (c) 300 (d) 350
160. The total students in a class is 50. If  $\frac{1}{5}$ th of the total students are girls, then find the number of boys.  
(a) 35 (b) 30 (c) 45 (d) 40
161. At what rate percent of simple interest will a sum of money becomes three times of itself in 10 years?  
(a) 20% (b) 15% (c) 10% (d) 12%
162. The decimal value of  $\frac{1}{10} + \frac{11}{100} + \frac{111}{1000}$  is  
(a) 11.11 (b) 0.123 (c) 0.321 (d) 0.111
163. A train starts at 1:45 p.m. from a station at a speed of 60 km/h. At what time will it reach to a station 165 km away?  
(a) 3:45 p.m. (b) 4:55 p.m.  
(c) 4:30 p.m. (d) 4:40 p.m.
164. Which of the following fractions is the largest?  
(a)  $\frac{5}{7}$  (b)  $\frac{1}{4}$  (c)  $\frac{4}{5}$  (d)  $\frac{9}{11}$
165. The smallest 5-digit number that is exactly divisible by 12, 15 and 30 is  
(a) 9998 (b) 10040 (c) 10020 (d) 10060
166. The side of a cube is 8 cm. Find its volume.  
(a)  $676 \text{ cm}^3$  (b)  $512 \text{ cm}^3$   
(c)  $729 \text{ cm}^3$  (d)  $525 \text{ cm}^3$
167.  $\frac{9}{5} \div 1\frac{3}{4}$  of  $\frac{4}{35} + \frac{1}{2} = ?$   
(a)  $9\frac{1}{2}$  (b)  $4\frac{1}{2}$  (c)  $7\frac{2}{3}$  (d)  $5\frac{1}{2}$
168. Write Roman numeral CDVIII in Arabic numeral.  
(a) 409 (b) 490 (c) 408 (d) 509
169. The monthly income of surendra is ₹ 5000. He spends ₹ 1500 on house rent, ₹ 1100 on cloths and ₹ 1400 on food. What percent of his income does he save?  
(a) 25% (b) 18% (c) 15% (d) 20%
170. Rohit bought an odd scooter for ₹ 12000 and spent ₹ 3000 on it's repair. He sold the scooter for ₹ 20000. Find his profit %.  
(a) 30% (b)  $33\frac{1}{3}\%$  (c) 25% (d) 32.5%
171. The product of two prime numbers is 117. Find their L.C.M.  
(a) 9 (b) 13 (c) 117 (d) 39
172. Find the largest number of 4-digit which is exactly divisible by 90.  
(a) 9998 (b) 9901 (c) 9801 (d) 9990
173. If the difference between a number and it's three fourth is 120, then find the number.  
(a) 420 (b) 480 (c) 400 (d) 500
174. Find the smallest number which when divided by 8, 9, 12 and 15 leaves remainder 1 in each case.  
(a) 461 (b) 221 (c) 361 (d) 561
175.  $\sqrt{5 + \sqrt{11 + \sqrt{19 + \sqrt{29 + \sqrt{49}}}}} = ?$   
(a) 3 (b) 2 (c) 4 (d) 8
176. Which of following numbers divisible by 8?  
(a) 4235 (b) 54321 (c) 64326 (d) 72048
177. Which of the following options are in ascending order?  
(a)  $\frac{5}{11}, \frac{3}{8}, \frac{4}{9}, \frac{2}{7}$  (b)  $\frac{5}{11}, \frac{4}{9}, \frac{3}{8}, \frac{2}{7}$   
(c)  $\frac{2}{7}, \frac{3}{8}, \frac{4}{9}, \frac{5}{11}$  (d)  $\frac{2}{7}, \frac{4}{9}, \frac{3}{8}, \frac{5}{11}$
178. Convert 37.5% in fraction.  
(a)  $\frac{3}{8}$  (b)  $\frac{1}{8}$  (c)  $\frac{5}{8}$  (d)  $\frac{7}{8}$
179. A man travelled 75 km in 7 hours. Some part of distance was covered at 12 km/h and the remaining distance at 10 km/h. How many kms did he travel at 12 km/h.  
(a) 20 (b) 30 (c) 35 (d) 40
180. A cricketer has an average of 48 runs in 24 innings. How many runs must he score in 25th inning so that his average run increased by 2?  
(a) 92 (b) 96 (c) 98 (d) 102
181. Which of following statements is false?  
(a) 1 is the smallest natural number.  
(b) 2 is the smallest prime number.  
(c) There are 12 prime numbers between 1 and 50.  
(d) 0 is a whole number
182. What is the sum of all factors of 20?  
(a) 44 (b) 35 (c) 40 (d) 42
183. Which of the following numbers is a prime number?  
(a) 111 (b) 97 (c) 87 (d) 76
184. The sum of 8.8, 8.08, 8.008 and 88.0088 is  
(a) 114.8968 (b) 110.8968  
(c) 116.8968 (d) 112.8968
185. The sum of the largest 4-digit number and the smallest 5-digit number is  
(a) 99991 (b) 19999 (c) 100999 (d) 100099
186. The cost of 35 envelopes is ₹ 105. How many envelopes can be bought for ₹ 120?  
(a) 42 (b) 38 (c) 40 (d) 36
187. A truck requires 108 litres of diesel for covering a distance of 1188 km. How much diesel will be required by the truck to cover a distance of 3300 km?  
(a) 280 l (b) 300 l (c) 320 l (d) 340 l
188. The area of a rectangle of length 162 m is equal to the area of a square of side 54 m. Find the width of the rectangle?  
(a) 24 m (b) 36 m (c) 28 m (d) 18 m



189. The area of a circle is  $616 \text{ cm}^2$ . What will be its diameter?

- (a) 14 cm (b) 7 cm (c) 28 cm (d) 25 cm

190. If  $\frac{x}{4} + \frac{x}{6} = x - 7$ , then find the value of  $x$ .

- (a) 25 (b) 20 (c) 15 (d) 12

191. The sum of two numbers is 74. One of the numbers is 10 more than the other. What are the two numbers?

- (a) 30, 42 (b) 32, 42 (c) 40, 42 (d) 38, 42

192. The longest chord of a circle is called \_\_\_\_\_

- (a) Segment (b) Radius  
(c) Diameter (d) Tangent

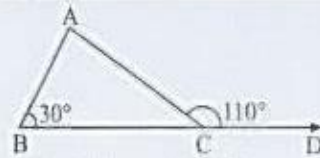
193. The ratio of four angles of a quadrilateral is 2 : 3 : 5 : 8. Find the largest angle.

- (a)  $160^\circ$  (b)  $180^\circ$  (c)  $200^\circ$  (d)  $140^\circ$

194. The side of an equilateral triangle is 6 cm. Find the height of the equilateral triangle.

- (a)  $2\sqrt{3}$  cm (b)  $3\sqrt{3}$  cm (c)  $4\sqrt{3}$  cm (d)  $6\sqrt{3}$  cm

195. In the given figure, If  $\angle ABC = 30^\circ$  and  $\angle ACD = 110^\circ$ , then the value of  $\angle BAC$  is



- (a)  $80^\circ$  (b)  $50^\circ$  (c)  $70^\circ$  (d)  $75^\circ$

196. Write  $31\frac{4}{1000}$  in decimal form.

- (a) 31.04 (b) 31.4 (c) 31.004 (d) 3.104

197. Convert 6.28 l into ml.

- (a) 62.80 ml (b) 0.0628 ml  
(c) 62800 ml (d) 6280 ml

198. Convert 47 gm 38 mg into decagram.

- (a) 0.4738 decagram (b) 4.7038 decagram  
(c) 47.38 decagram (d) 4.738 decagram

199. Find the value of  $x$  in following:

$$45 : x :: 25 : 35$$

- (a) 55 (b) 63 (c) 68 (d) 75

200. If the divisor is 52, dividend is 627 and remainder is 3, then find the quotient.

- (a) 10 (b) 15 (c) 12 (d) 20