

RASHTRIYA MILITARY SCHOOLS 6th 2018
QUESTION PAPER
SECTION A: - ENGLISH

I. Complete the following passage by choosing the correct option from those given in brackets:

When I(1) home from school, I found that my mother (2) in the kitchen in my room, things and my younger sister was playing(3) her friends in the verandah. In my room things were lying scattered on the floor. I was definitely very annoyed. I asked her who entered the room in my absence. She said that she was looking(4) Pictures for her scrap file &(5) was searching through the books.

- | | | | |
|--------------|-------------|------------|--------------|
| 1. a) return | b) returned | c) returns | d) returning |
| 2. a) was | b) were | c) is | d) has |
| 3. a) of | b) by | c) with | d) from |
| 4. a) for | b) with | c) from | d) to |
| 5. a) so | b) because | c) yet | d) why |

II. Choose the opposite word of the following:

- | | | | | |
|----------------------|---------------|----------------|---------------|---------------|
| 6. Companion | a) Foe | b) Friend | c) Comrade | d) Accomplice |
| 7. Attachment | a) Connection | b) Adapter | c) Bond | d) Aversion |
| 8. Increase | a) Merger | b) Elaboration | c) Decrease | d) Increment |
| 9. Extension | a) Expansion | b) Contraction | c) Elongation | d) Distension |
| 10. Declare | a) Conceal | b) Announce | c) Proclaim | d) Reveal |

III. Choose the correct meaning of the idioms/proverbs given below:

- | | | |
|--------------------------------|---|---|
| 11. To bury the hatchet | a) To raise a dispute with someone | b) To make agriculture as one's profession |
| | c) To forget old disputes and start new relations | d) To make irrelevant remarks about someone |

12. **To smell a rat**

- a) To see signs of plague epidemic
- c) To suspect foul dealings

- b) To get bad smell of dead rat
- b) To be in a bad mood

13. **The pen is mightier than sword**

- a) words and ideas are more effective
- c) All use pen not sword

- b) Pen can write but sword cannot
- d) You can convince people with sword

14. **Make waves**

- a) Putting on costly clothes
- c) Growing fatter

- b) Travelling by air
- d) To cause trouble

15. **Yes man**

- a) Complete man
- c) Flattering person

- b) Fierce man
- d) Excellent person

IV. **Choose the word which best expresses the meaning of the given word:**

16. **Obligatory**

- a) Obscure b) Sad c) Revolt d) Necessary

17. **Fascinated**

- a) Mesmerized b) Bored c) Disinterested d) Repulsed

18. **Unique**

- a) Matchless b) Unyielding c) Search d) Serene

19. **Moderate**

- a) Biased b) Balanced c) Intolerable d) Excessive

20. **Meticulously**

- a) Carefully b) Negligent c) Legible d) Careless

V. **Choose the correct spelling:**

21. a) Febrary b) Februry c) February d) Febraree

22. a) Civilized b) Civilced c) Civalized d) Sivilized

23. a) Categary b) Category c) Category d) Catagary

24. a) Imediately b) Immadietly c) Immedietly d) Immediate

25. a) Seenery b) Sceneri c) Scenary d) Scenery

VI. **Give one word for the following:**

26. **Handwriting that cannot be read:**

- a) inimitable b) illiterate c) illegible d) legible

27. **A study of words:**

- a) lexicology b) biology c) zoology d) ornithology

28. **A thing that cannot be seen by the human eyes:**

- a) invisible b) invincible c) infectious d) ineffective

29. **That cannot be believed:**

- a) incurable b) inevitable c) incredible d) indescribable

30. **Person with limited skill:**

- a) amateur b) audience c) astrologer d) amnesty

VII. Read the passage carefully and answer the questions that follow:

The world is going ahead at a tremendous speed. But all this progress shatters if we do not secure peace. Scientific inventions & advancement of technological knowledge have brought the world closer. If one country suffers, other suffers to some extent. We have become inter-responsible. This has brought necessity for international relationship. People should understand that all beings are brothers. The narrow bounds of nationalism & patriotism shed. Unless we understand the lesson of 'live & let live' we stand narrow mental thinking.

If another war breaks out, it will destroy the entire race of humanity. If love & sympathy, goodwill & happiness among ourselves, we can save world from destruction. 'Live & let live' is a sound religion. From Gautam Buddha, Mahatma Gandhi, a number of great persons have pleaded for this Mutual brotherly feeling. We are the inter-dependent children of the same Father. We should, therefore, live in peace. This is the only way by which we can go on the road to progress.

31. **All our progress will be destroyed if we**

- a) kill terrorists b) nourish ill will
 c) slaughter animals d) fail to establish peace

32. **Scientific progress has made it necessary**

- a) to have national relationship b) to have feelings of enmity
 c) to have international relationship d) none of the above

33. **The whole of mankind will be destroyed if**

- a) epidemic breaks out b) panic starts
 c) war breaks out d) world war is stopped

34. **'Live and Let live is:**

- a) a wrong principle b) a sound religion
 c) to be avoided d) only a theoretical concept

35. **God implies**

- a) father of heaven b) ruler of hell
 c) devil d) unknown

VIII. Identify the correct parts of speech of the underlined word:

36. Columbus discovered America.

- a) noun b) adjective c) verb d) adverb

37. Janet is the tallest of the four sisters.

- a) preposition b) verb c) noun d) pronoun

38. I am the happiest mother in the world.

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

39. This is the best dictionary I could find.

- a) adjective b) verb c) preposition d) noun

40. Atchara is a small village

- a) adverb b) adjective c) verb d) pronoun

IX. Fill in the blanks with appropriate word:

41. We went out _____ of the rain.

- a) in spite of b) even so c) although d) because

42. She _____ hardly believe hereyes.

- a) could b) couldn't c) has d) had

43. She can get a better job if she _____ in English.

- a) spoke b) Speaks c) will spoken d) spoken

44. They finished work _____ sunset.

- a) at b) beyond c) in d) during

45. One should never stop _____ evenafter repeated failures.

- a) try b) trying c) tried d) to try

X. Rearrange the following in a sequence to form meaningful sentences:

46. Cannot / achieve / he/ wealth andfortune / works / unless / hard /he

- a) Cannot achieve he wealth and fortuneunless he works hard
b) He cannot achieve wealth and fortuneunless he works hard
c) He cannot achieve unless wealth & fortune he works hard
d) He cannot achieve wealth, fortune & he works hard unless

47. talking / to a group / while I should / one / self-confident / and / courageous /feel

- a) Talking to a group, while one should feel self-confident & courageous
b) Talking to a group, one should feel self-confident and courageous while
c) While talking to a group, one should feel self-confident & courageous
d) While talking to a group should feel one self-confident and courageous

48. parts / many / coffee / popular / in /world / the / is very of

- a) Very popular is the world of coffee in many parts
b) Coffee in many very parts of the world is popular
c) In the world of many parts coffee is very popular
d) Coffee is very popular in many parts of the world

49. I / read / paper / in / the burglar / been / caught / had / the / that
- In the paper I read that the burglar had been caught
 - I read in the paper that the burglar had been caught
 - The burglar had been caught that I read in the paper
 - I read that the burglar had been caught in the paper
50. our / though / ancestors / anything / that / moved / which / itself / alive / was
- Our ancestors thought that anything which moved itself was alive
 - Thought our ancestors anything that which moved alive was itself
 - Our ancestors that thought anything which moved itself was alive
 - Our ancestors that thought anything moved which itself was alive

SECTION B: - GENERAL KNOWLEDGE

51. What is the correct sequence of the rivers
– Godavari, Mahanadi, Narmada, & Tapti in the descending order of their lengths?
- Godavari --- Mahanadi --- Narmada --- Tapti
 - Godavari --- Narmada --- Mahanadi --- Tapti
 - Narmada --- Godavari --- Tapti --- Mahanadi
 - Narmada --- Tapti --- Godavari --- Mahanadi
52. Who has won the men's singles French Open Tennis Tournament 2018?
- Novak Djokovic
 - Roger Federer
 - Dominic Thiem
 - Rafael Nadal
53. What is the vehicle of God 'India'?
- Airavat
 - Garud
 - Nandi
 - Owl
54. Which state is known as the 'Rice Bowl of India'?
- Tamil Nadu
 - Kerala
 - Karnataka
 - Andhra Pradesh
55. Name the author of the book 'Godan'.
- Har Dev
 - Munshi Prem Chand
 - Jai Dev
 - Ram Dev
56. Which of the following is the headquarters of World Trade Organizations (WTO)?
- New York
 - Geneva
 - Madrid
 - Paris
57. Which of the following dance is a solo dance?
- Kuchipudi
 - Yakshagan
 - Odissi
 - Ottenthallal
58. In which stadium was the first edition of the Khelo India School Games (KISG) inaugurated?
- Sardar Patel, Motera
 - Indira Gandhi Indoor, New Delhi
 - Salt Lake Stadium, Kolkata
 - Kaloor International, Kochi
59. The brain fever which affects young children is _____
- Malaria
 - Typhoid
 - Encephalitis
 - Pneumonia
60. Which is the Highest Mountain peak of Himalayas in India?
- K-2
 - Kanchenjanga
 - Namcha Barwa
 - Nanda Devi

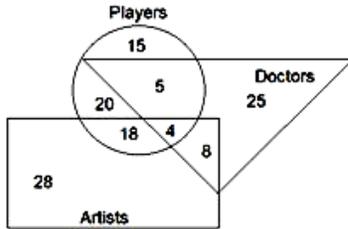
61. **The smallest state of India is**
a) Rajasthan b) Sikkim c) Himachal Pradesh d) Goa
62. **What is the minimum age required to become the member of Rajya Sabha?**
a) 25 years b) 30 years c) 35 years d) 40 years
63. **Which two countries played the final of Soccer World Cup 2018?**
a) Spain-Portugal b) France-Croatia c) Argentina-Spain d) Russia-Brazil
64. **Where will the next Summer Olympic Games 2020 take place?**
a) Brazil b) Japan c) Mexico d) Australia
65. **The Netaji Subhash National Institute of Sports is located at**
a) Bangaluru b) Kolkata c) Darjeeling d) Patiala
66. **Give the equivalent rank of Colonel of Army in Indian Navy**
a) Commander b) Captain c) Group Captain d) Commodore
67. **In a human body the longest bone is in the _____**
a) Vertebral Column b) Radius Ulna c) Rib Cage d) Femur
68. **Name the largest fresh water lake in the world**
a) Lake Baikal b) Lake Chika c) Lake Titicaca d) Caspian Sea
69. **Which is the smallest planet of our solar system?**
a) Earth b) Mercury c) Venus d) Saturn
70. **Who is the first awardee to get Paramvir Chakra?**
a) Hav Jogender Singh b) Sqn Ldr Rakesh sharma
c) Captain Vikram Batra d) Major Somnath sharma
71. **Who was the composer of our national Anthem?**
a) Rabindranath Tagore b) Bankim Chandra Chatterjee c) Iqbal d) Deshbandhu
72. **The words "Satyameva Jayate" in the state emblem of India were taken from**
a) Upanishads b) Sama veda c) Rig Veda d) Ramayana
73. **What is the highest peacetime gallantry award of India?**
a) Ashok Chakra b) Vir Chakra c) Mahavir Chakra d) Param Vir Chakra
74. **Which Novel has won the 2018 "Golden Man Booker Prize"?**
a) In a free State b) The English Patient c) Wolf Hall d) Moon Tiger
75. **Which of the following crops helps in fixing nitrogen fixation?**
a) Rice b) Wheat c) Maize d) Green Peas

76. **What is the time taken by the Moonlight to reach Earth?**
a) 1.9 Sec b) 1.6 Sec c) 1.3 Sec d) 1.1 Sec
77. **Polythene is industrially prepared by the polymerization of**
a) Methane b) Styrene c) Acetylene d) Ethylene
78. **Which country is the largest producer of rubber in the world?**
a) China b) India c) Thailand d) Italy
79. **Which ocean separates North America and Western Europe?**
a) Pacific Ocean b) North Atlantic Ocean c) Arctic Ocean d) South Atlantic Ocean
80. **Which of the following department of Indian Government takes care of education of children with physical disabilities?**
a) Min. of Welfare b) Min. of Sports c) Min. of HRD d) Min. of Defence
81. **In the western countries, the constellation Sapta-Rishi is known as-**
a) Seven monks b) Alpha Centauri c) Big Dipper d) Small bear
82. **Name the third largest continent of the world.**
a) Asia b) Africa c) North America d) South America
83. **Which of the following is a cellulose fibre?**
a) Cotton b) Wool c) Rayon d) Polyester
84. **Which one among the following is nearest to the tropic of cancer?**
a) Patna b) Ranchi c) Rourkela d) Varanasi
85. **With which game is Santosh Trophy associated?**
a) Tennis b) Cricket c) National Football d) Golf
86. **Which of the following train runs between New Delhi and Wagah?**
a) Shatabdi Express b) Thar Express c) Maitree d) Samjhauta Express
87. **Blood fails to clot while flowing in the blood vessel because of the presence of**
a) Heparin b) Prothrombin c) Hemoglobin d) Hirudin
88. **Who is the first Indian woman to win an Asian games gold medal in 400 m run?**
a) P.T. Usha b) K. Malleshwari c) Kamaljit Sandhu d) M. Valasamma
89. **Which of the following rulers were contemporary of Buddha?**
a) Bimbisara of Magadha b) Prasenjit of Kosala c) Udayana of Avanti d) All of the above
90. **The canal which links Atlantic Ocean with Pacific Ocean**
a) Suez b) Malacca c) Panama d) Gibraltar

91. **The largest delta of the world is**
a) Sunderbans b) Amazon Basin c) Greenland d) Congo Basin
92. **Widal test is used for the diagnosis of**
a) Salmonellosis b) Malaria c) Cholera d) Typhoid
93. **Which of the following is the tallest building in the world?**
a) Eiffel Tower b) Burj Khalifa c) Statue of Liberty d) Qutab Minar
94. **Which fruit has the maximum protein content?**
a) Mango b) Apricot c) Banana d) Avocado
95. **Who proposed 'Green House Effect' in 1824?**
a) Arrhenius b) Joseph Fourier c) Svensmark d) Hendry
96. **In which year did Sir Edmund Hillary reach the summit of Mount Everest?**
a) 1952 b) 1953 c) 1954 d) 1955
97. **Fathometer is used to measure**
a) Earthquakes b) Rainfall c) Ocean Depth d) Sound Intensity
98. **Who introduced 'Subsidiary Alliance' policy in India?**
a) Lord William Bentinck b) Lord Auckland c) Lord Wellesley d) Lord Dalhousie
99. **What is the name of the longest dam in India?**
a) Tehri dam b) Sardarsarovar dam c) Hirakund dam d) Alamatti dam
100. **In which city Feroz Shah Kotla Cricket ground is situated?**
a) Mumbai b) Ranchi c) New Delhi d) Ahmedabad

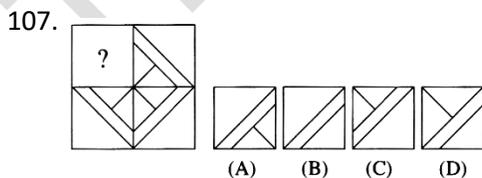
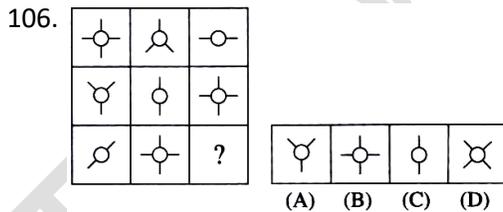
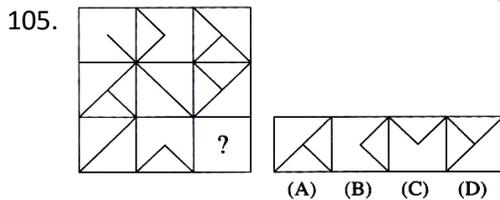
SECTION C: - INTELLIGENCE

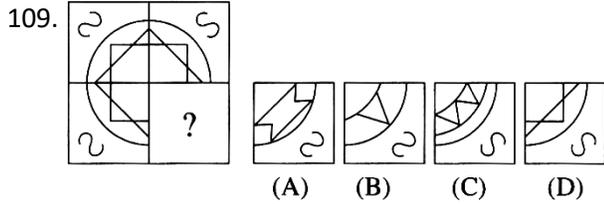
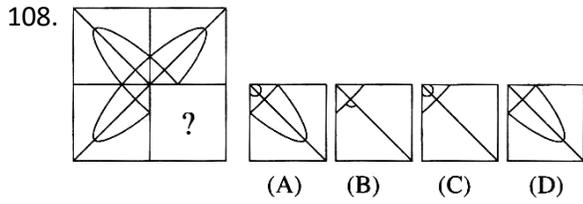
Direction (101 – 104): Each question is based on the figure given below Observe the figure & answers the questions.



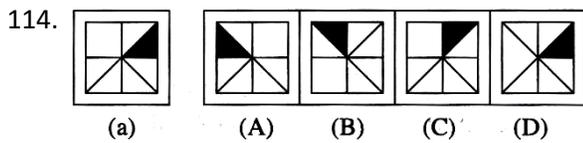
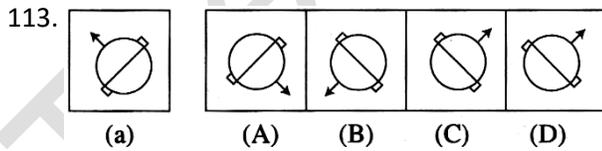
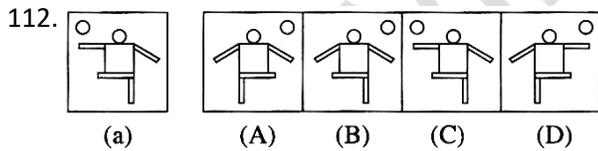
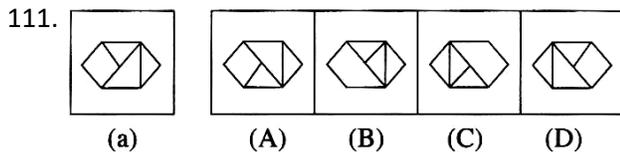
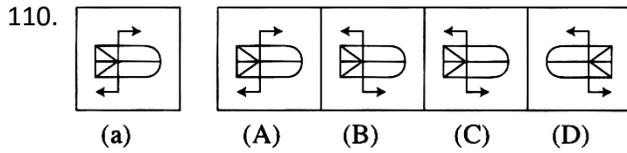
101. How many players are neither artists nor doctors?
 a) 35 b) 26 c) 24 d) 18
102. How many doctors are players but not artists?
 a) 4 b) 5 c) 20 d) 25
103. How many artists are doctors but not players?
 a) 5 b) 13 c) 23 d) 8
104. How many players are artists but not doctors?
 a) 28 b) 25 c) 18 d) 5

Direction (105 – 109): Select the correct alternatives out of (A), (B), (C), & (D) of “?”

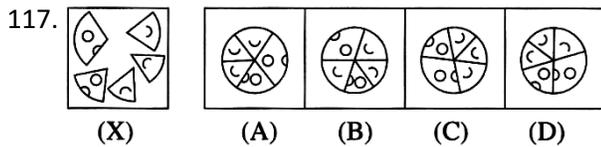
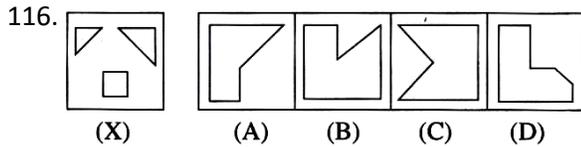
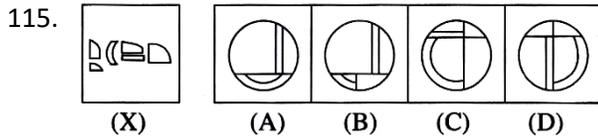




Direction (110 – 114): Select the mirror image of (A) out of the alternatives (A), (B), (C), & (D).



Direction: (115-117) find out which of the figures (A), (B), (C) & (D) can be formed from the pieces given in figure (X).



Directions (118 - 121): Study the following information carefully & answer the question given below.

P, Q, R, S, T, U & V are sitting together in a row facing east. R is on the immediate right of S. Q is an extreme end & has T as his immediate neighbor. V is exactly between T & U. S is sitting third from the South end.

118. **Who is sitting to the immediate right of T?**

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

119. **Which of the following people are sitting at the extreme ends?**

- a) P and Q b) P and S c) Q and R d) U and B

120. **Name the person who is at the third place from the North End.**

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

121. **Immediately between which of the following pair of people is S sitting.**

- a) Q & V b) T & U c) V & U d) U & R

Directions (122 - 124): Arrange the words given below in a meaningful sequence.

122. 1) Poverty 2) Population 3) Death
 4) Unemployment 5) Disease
 a) 2, 3, 4, 5, 1 b) 3, 4, 2, 5, 1 c) 2, 4, 1, 5, 3 d) 1, 2, 3, 4, 5

123. 1) Police 2) Punishment 3) Crime
 4) Judge 5) Judgment
 a) 3, 1, 2, 4, 5 b) 1, 2, 4, 3, 5 c) 5, 4, 3, 2, 1 d) 3, 1, 4, 5, 2

124. 1) Cut 2) Put on 3) Mark
 4) Measure 5) Tailor
 a) 3, 1, 5, 4, 2 b) 2, 4, 3, 1, 5 c) 1, 3, 2, 4, 5 d) 4, 3, 1, 5, 2

Directions (125 - 128): In each of the following questions, four words have been given out of which three are alike in some manner, while the fourth one is different. Choose out the different one.

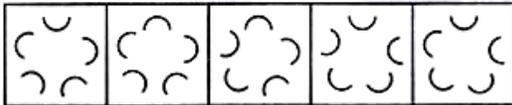
125. a) Dollar b) Peso c) Ounce d) Euro
126. a) Fish b) Snake c) Crocodile d) Whale
127. a) Copper b) Iron c) Iodine d) Tin
128. a) Dr Hamid Ansari b) Dr Abdul Kalam c) Dr Pranab Mukherjee d) Dr Rajendra Prasad
129. In a certain code, 'GIGANTIC' is written as 'GIGTANGCI'. How is 'MIRACLES' written in that code?
a) MIRCLAES b) MIRLACSE c) RIMCALSE d) RIMLCAES
130. In a certain code language, 'LEARNING' is written as 'LGNINRARE'. How will 'SURPRISE' be written in the code language?
a) ESRIPRUS b) RUSEPSIR c) SESIRPRU d) None
131. If AT = 20, BAT= 40, the CAT will be equal to
a) 30 b) 50 c) 60 d) 70
132. If air is called water, water is called green, green is called dust, dust is called yellow and yellow is called cloud, which of the following does fish live in?
a) Air b) Water c) Green d) Dust
133. From his house, Rajan went 25 km to the North. Then he turned West & covered 20 km. Then he turned south & covered 15 km. Finally turning to East, he covered 20 km. In which direction was he from his house?
a) East b) West c) North d) South
134. Pointing to man on stage. Rita said, "He is the brother of the daughter of wife of my husband". How is the man on the stage related to Rita?
a) Son b) Husband c) Cousin d) Nephew
135. A & B are brothers. C and D are sisters A's son is D's brother. How is related to C?
a) Father b) Brother c) Grandfather d) Uncle
136. A party consists of grandmother, father, mother, four sons and their wives and one son and two daughters to each of the sons. How many females are there in all?
a) 12 b) 13 c) 14 d) 15
137. A is shorter than B but much taller than E. C is the tallest and D is shorter than A and taller than E. Which one is the shortest?
a) A b) E c) B d) D
138. Find the wrong number in the following series: 10 , 26 , 24 , 21 , 18
a) 10 b) 24 c) 26 d) 21

Directions (137 - 146): Select the one in place of?

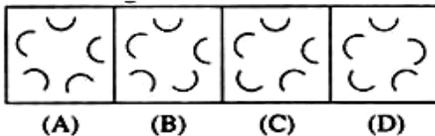
139. **Bicycle : Paddle : Boat?**
 a) Oar b) Wheel c) Seat d) Flag
140. **Milk : Lactometer : Earthquake?**
 a) Hydrometer b) Hygrometer c) Speedometer d) Seismograph
141. **DFHJ : LNPR :: BDFH : ?**
 a) VXZT b) UVXZ c) TXVZ d) TVXZ106
142. **144 : 10 :: 169 : ?**
 a) 14 b) 11 c) 13 d) 12
143. **4, 7, 25, 10, ?, 20, 16, 19**
 a) 13 b) 15 c) 20 d) 28
144. **Poles : Magnet :: Battery : ?**
 a) Cells b) Power c) Terminals d) Energy
145. **MAAL, AALM, ALMA, LMAA, ?**
 a) AMLA b) MAAL c) AAML d) LAAM
146. **13, 32, 24, 43, 35, ?, 46, 65, 57, 76**
 a) 45 b) 52 c) 54 d) 55

Direction (147 – 148): Select a figure from amongst the answer figures which will continue the same series as established by the five problem Figures.

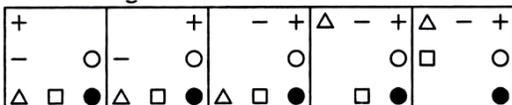
147. Problem Figures:



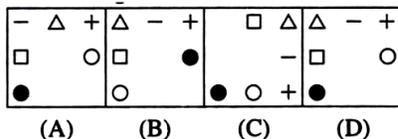
Answers Figures:



148. Problem Figures:

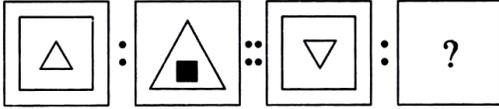


Answers Figures:

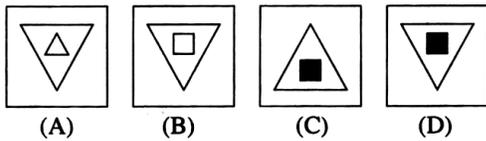


Direction (149 – 150): There are two sets of figures under problem figures. In the first set one figure bears some relation with the second figure of the same set. Bearing that relation in mind pick up one figure from the answer figures that bears the same relation with the first figure of the second set of the problem figures.

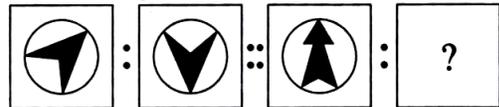
149. Problem Figures:



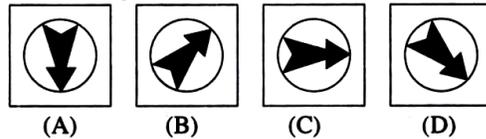
Answers Figures:



150. Problem Figures:



Answers Figures:



SECTION D: - MATHEMATICS

151. The difference between a smallest $(n + 1)$ digit number and the largest n digit number is:
 a) 10 b) 1 c) 100 d) 1000
152. The average of first five prime numbers is:
 a) 5.6 b) 7.8 c) 6.5 d) 8.7
153. Which of the numbers are twin primes?
 a) (5, 7) b) (18, 25) c) (11, 17) d) (23, 62)
154. Which of the numbers are co-primes?
 a) (14, 35) b) (18, 25) c) (31, 93) d) (23, 69)
155. $5 : 4$ is equal to _____.
156. The H.C.F. of 0.24, 1.8 & 2.7 is
 a) 6 b) 0.6 c) 0.06 d) 0.006
157. How many $\frac{1}{8}$ are here in $37\frac{1}{2}$?
 a) 800 b) 400 c) 500 d) None of these

158. **What is 25% of 25% equal of?**
 a) 6.25 b) 0.625 c) 0.0625 d) 0.00625
159. **0.2% of ? =0.03**
 a) 20 b) 2.5 c) 15 d) 1.5
160. **Which number is 60% less than 80?**
 a) 48 b) 42 c) 32 d) 12
161. **The area of a square field is $196 m^2$. The perimeter is:**
 a) 40 m b) 48 m c) 56 m d) 60 m
162. **The average of first five multiples of 3 is:**
 a) 3 b) 9 c) 12 d) 15
163. **0.5 of a number equals 0.07 of another. Then the ratio of the two numbers is:**
 a) 7 : 50 b) 7 : 25 c) 7 : 5 d) 1 : 14
164. **A batsman has a certain average runs for 11 innings. In the 12th inning he made score of 90 runs and there by decreases his average by 5. His average after 12th inning is:**
 a) 127 b) 150 c) 145 d) 217
165. **A speed of 33.333 metres per second is the same as:**
 a) 100 km/h b) 80 km/hr c) 120 km/hr d) 75 km/kr
166. **The angle whose degree measure is twice its supplementary angle is:**
 a) 60° b) 120° c) 30° d) None of these
167. **A train crosses a bridge of 1 km in 2 minute if the length of the train is half the length of bridge then the speed of the train .**
 a) 45 km/hr b) 12 km/hr c) 54 km/hr d) 36 km/hr
168. **The circumference of a circle is 44 cm. find the area of the circle.**
 a) $160 cm^2$ b) $158 cm^2$ c) $156 cm^2$ d) $154 cm^2$
 Solution:
169. **The greatest possible length which can be used to measure exactly the lengths 7 m, 3 m, 85 cm, 12 m 95 cm is:**
 a) 15 cm b) 25cm c) 35 cm d) 42cm
170. **Greatest fraction out of $\frac{2}{5}, \frac{5}{6}, \frac{11}{12}, \frac{7}{8}$ is:**
 a) $\frac{7}{8}$ b) $\frac{11}{12}$ c) $\frac{5}{6}$ d) $\frac{2}{5}$
171. **In an examination 93% of students passed and 259 failed. The total number of students is**
 a) 3700 b) 500 c) 3950 d) None of these

172. A sweet seller declares that he sells sweets at the cost price. However, he uses a light weight of 450 gm instead of 500 gm. His percentage profit is:
a) 10 b) $11\frac{1}{9}$ c) 12 d) $12\frac{2}{9}$
173. The average temperature of first 3 days is 27° & of the next 3 days is 29° . If the average of the whole week is 28.5° C, the temperature of the last days is.
a) 31.5° b) 10.5° c) 21° d) 42°
174. A can do a piece of work in 30 days while B can it in 40 days. A & B working together can do it in how many days.
a) 70 days b) $17\frac{1}{4}$ days c) $\frac{190}{7}$ days d) $\frac{120}{7}$ days
175. By selling an article for Rs.100/-, one gains Rs.10 then, the gain per cent is:
a) 10% b) 9% c) $\frac{100}{9}\%$ d) None of these
176. What is the complementary angle of 60° ?
a) 30° b) 120° c) 300° d) 90°
177. How many persons will be able to live for 50 days on food which is sufficient for 400 persons for 10 days?
a) 80 b) 8 c) 40 d) 200
178. What should be the selling price of a cow whose cost is 1500 to get 20% profit?
a) 1530 b) 1600 c) 2000 d) 1800
179. The speed of a car is 80 km/hr. After 2 hours it covered one fourth of the total distance. What is the total distance?
a) 120 km b) 80 km c) 640 km d) 100 km
180. What is the 25% of one hour?
a) 20 Min b) 30 Min c) 25 Min d) 15 Min
181. An isosceles triangle has two sides with length x The third side is half of x . What is its perimeter?
a) $5x$ b) $3x$ c) $2\frac{1}{2}x$ d) $4\frac{1}{2}x$
182. The value of $8 + 8 \div 2 + 2$ is
a) 9 b) 8 c) 10 d) 14
183. What is greatest common divisor of 54, 36 & 24?
a) 2 b) 3 c) 6 d) 9
184. The greatest fraction is:
a) $\frac{1}{3}$ b) $\frac{1}{2}$ c) $\frac{3}{5}$ d) $\frac{2}{3}$
185. What fraction should be divided by $\frac{7}{8}$ to get $\frac{8}{9}$?
a) $\frac{4}{7}$ b) $\frac{5}{7}$ c) $\frac{7}{9}$ d) $\frac{9}{10}$
186. Sum of the smallest and the greatest number formed by the digits 5,0, 8, 9,2 is
a) 20589 b) 98520 c) 119109 d) 77931

187. How many seconds are there in 5 hours?
 a) 18000 sec b) 18500 sec c) 1800 sec d) 20000 sec
188. A student secured 30% Marks out of total marks of 250. If he failed by 25 marks, the marks required to pass are?
 a) 50 b) 75 c) 100 d) 125
189. If one dozen note books cost 252 rupees. Find the cost of 10 note books?
 a) 210 b) 200 c) 189 d) 168
190. Kiran brought a mobile for 6000 rupees and sold it for 5400 rupees. What is her loss per cent?
 a) 20% b) 10% c) 15% d) 30%
191. Write 98 in Roman Numerals.
 a) XCVII b) XCVVI c) XCVIII d) XCVIV
192. Which of the following will not represent zero?
 a) $1 + 0$ b) 0×0 c) $\frac{0}{2}$ d) $\frac{10-10}{2}$
193. Find the value of x in the equation $x - 15 = -10$?
 a) 10 b) 5 c) 25 d) 0
194. 0.05 will be represented in per cent as:
 a) 50% b) 5% c) 95% d) 20%
195. Write 0.125 in fraction as lowest term:
 a) $\frac{1}{8}$ b) $\frac{2}{7}$ c) $\frac{1}{10}$ d) $\frac{2}{15}$
196. $\frac{4}{5}$ of a number exceeds its $\frac{2}{3}$ by 8. The number is:
 a) 30 b) 60 c) 90 d) None of these
197. The ratio between two numbers is 2: 3. If consequent is 24, the antecedent is:
 a) 36 b) 16 c) $\frac{48}{5}$ d) $\frac{72}{5}$
198. What least value must be given to $3*63504$ is divisible by 11?
 a) 0 b) 2 c) 3 d) 4
199. $469157 \times 9999 = (\underline{\hspace{2cm}})$
 a) 4586970843 b) 4691100843 c) 4686970743 d) 4586870843
200. The sum of the smallest even & the smallest odd prime number is:
 a) a composite number b) a even number c) a prime number d) None of these