

SAMPLE PAPER-2

MATHEMATICS

1. Ravi got $\frac{5}{7}$ part of a sweet dish. He gave $\frac{3}{7}$ part to this younger sister Rani. What part is left with him?
 - a. $\frac{5}{7}$
 - b. $\frac{3}{7}$
 - c. $\frac{2}{7}$
 - d. $\frac{1}{7}$
2. When Ramu purchased 3 soaps with a price of Rs. 4 each, he got one soap as free. Then what is the average price of a soap?
 - a. Rs. 4
 - b. Rs. 5
 - c. Rs. 6
 - d. Rs. 3
3. $\frac{1}{4} \times \frac{1}{5} = ? \times \frac{1}{4}$
 - a. $\frac{1}{4}$
 - b. $\frac{1}{5}$
 - c. $\frac{1}{3}$
 - d. $\frac{1}{20}$
4. What is $\frac{2}{5}$ of $\frac{5}{8}$?
 - a. $\frac{1}{4}$
 - b. $\frac{1}{5}$
 - c. $\frac{1}{6}$
 - d. $\frac{1}{7}$
5. Which is the largest?
 - a. $\frac{2}{3}$
 - b. $\frac{2}{3} \times \frac{2}{3}$
 - c. 1
 - d. $\frac{2}{3} + \frac{2}{3}$
6. The smallest prime number be
 - a. 1
 - b. 0
 - c. -1
 - d. 2
7. 40% of x is 10 then x is ____
 - a. 50
 - b. 100
 - c. 20
 - d. 25
8. The angle between 0° and 90° is called ____ angle
 - a. Acute
 - b. Right
 - c. Obtuse
 - d. Reflex Angle
9. If 6 liter of milk cost Rs. 90, how much milk can you get for Rs. 120?
 - a. 6
 - b. 8
 - c. 7
 - d. 9
10. What is the unit of electrical capacity?
 - a. Henry
 - b. Farad
 - c. Volt
 - d. Ohm
11. Subtract $\frac{4}{15}$ from 1
 - a. $\frac{6}{15}$
 - b. $\frac{9}{15}$
 - c. $\frac{10}{15}$
 - d. $\frac{11}{15}$
12. Convert 10.01 as fraction
 - a. $\frac{1001}{10}$
 - b. $\frac{1001}{100}$
 - c. $\frac{1001}{1000}$
 - d. $\frac{1001}{10000}$
13. $\frac{3}{7} + \frac{3}{4} = ?$
 - a. $\frac{19}{12}$
 - b. $\frac{8}{10}$
 - c. 1 and $\frac{5}{28}$
 - d. $\frac{33}{28}$
14. $y = 18, x = 15, x + y + z = 75$, then z is ____
 - a. 18
 - b. 15
 - c. 42
 - d. 50
15. $0.2 \times 0.2 \times 0.2 = ?$
 - a. 0.08
 - b. 0.008
 - c. 0.0008
 - d. 0.8

34. Find out which is the greatest 5-digit number that can be formed using the following digits: 5, 2, 8, 1, 3
a. 85312 b. 81235
c. 83251 d. 85321
35. Which among the following is the smallest number?
a. 31012 b. 30712
c. 30172 d. 30217
36. Subtract 2 hrs. and 55 min. from 4 hrs. and 24 min.
a. 1 hr. 10 min b. 1 hr. 16 min
c. 1 hr. 29 min d. 1 hr. 39 min
37. Multiply 3 hrs. 20 min by 4
a. 12 hrs. 20 min b. 13 hrs. 20 min
c. 13 hrs. 10 min d. 12 hrs. 10 min
38. Find the amount on Rs. 1600 at 2.5% interest for 2 years and 3 months?
a. Rs. 190 b. Rs. 1900
c. Rs. 1190 d. Rs. 1690
39. The price of 15 chairs is Rs. 1065. What is the price of 20 chairs?
a. Rs. 1320 b. Rs. 1120
c. Rs. 1420 d. Rs. 1530
40. A piece of 20 metres of cloth costs Rs. 250. What is the price of 6 metres of cloth?
a. Rs. 65 b. Rs. 75
c. Rs. 85 d. Rs. 90
41. If 3 buses can carry 726 passengers. How many passengers can be carried in 25 buses?
a. 6200 b. 6240
c. 6050 d. 6400
42. The price of a dozen balls is Rs. 36. What is the price of 8 balls?
a. Rs. 18.75 b. Rs. 21
c. Rs. 24 d. Rs. 36
43. Find the simple interest on Rs. 500 at the rate of 4% for 2 years.
a. Rs. 54 b. Rs. 540
c. Rs. 42 d. Rs. 40
44. Find the amount on Rs. 3000 at the rate of 2% P.A for 146 days?
a. Rs. 3024 b. Rs. 2034
c. Rs. 1560 d. Rs. 24
45. Express 2 and $\frac{1}{2}$ % as a fraction
a. $\frac{1}{250}$ b. $\frac{1}{10}$
c. $\frac{1}{20}$ d. $\frac{1}{40}$
46. What percentage of Rs. 2.50 is 25 paise?
a. 100% b. 10%
c. 25% d. 200%
47. A man gets salary of Rs. 3000. He saves 25% of his salary. Find his expense.
a. Rs. 1750 b. Rs. 2250
c. Rs. 2500 d. Rs. 1575
48. A man bought an almirah for Rs. 4500 and he repaired it for Rs. 500 and sold it for Rs. 650 extra on C.P. Find the S.P.?
a. Rs. 5650 b. Rs. 5150
c. Rs. 5350 d. Rs. 5450
49. A man bought a pen for Rs. 20 and sold it at a profit of 12.5%. Find the selling price of the pen?
a. Rs. 12.50 b. Rs. 21.50
c. Rs. 22.50 d. Rs. 24
50. Round 37895 to nearest thousand
a. 37000 b. 38000
c. 40000 d. 39000

GENERAL KNOWLEDGE

51. Which country forms the boundary of India above Manipur?
a. Nepal b. China
c. Pakistan d. Myanmar
52. Name the Cricket player who was granted the Honorary rank of a group captain by the Indian Air Force?

- a. Kapil Deve b. MS Dhoni
c. Sunil Gavaskar d. Sachin Tendulkar
- 53.** When and where was the common wealth games held in India?
a. 1 Sept. to 14 Sept. 2010-Delhi
b. 3 Oct. to 14 Oct. 2010-Delhi
c. 1 Nov. to 14 Nov. 2010-Allahabad
d. None of these
- 54.** With which sporting activity is Mary A.N. Gomes related to?
a. Tennis b. Badminton
c. Chess d. Boxing
- 55.** Which of the following dances are famous in Kerala?
a. Bharatanatyam b. Kathakali
c. Kuchipudi d. Krishna Leela
- 56.** Who wrote the epic Mahabharata?
a. Saint Viad Veyas b. Tulsi Dass
c. Valmiki d. None of these
- 57.** The Jungle Book was written by
a. JK Rowling b. Arundhati Rai
c. Khushwant Singh d. Rudyard Kipling
- 58.** With what sports is the term Short Corner associated with?
a. Footabll b. Hockey
c. Volleyball d. Cricket
- 59.** Which actor was judged best actor in 2009 film fare awards?
a. Shah Rukh Khan b. Amitabh Bachan
c. Amir Khan d. Hrithik Roshan
- 60.** Which is the highest award given for bravery during the times of war?
a. Ashok Chakkara
b. Param Vir Chakkara
c. Bharat Ratna
d. Padma Vibhusan
- 61.** Dronacharya awards are given to
a. Best sports man b. Best sports coach
- c. Best sprots woman d. Best teacher
- 62.** Who invented Balloon?
a. George Westinghouse
b. Michael Faraday
c. Montgolfier
d. Torricelli
- 63.** Kaziranga national park is situated in
a. Jorhat, Assam b. Kulu, HP
c. Shivpuri, MP d. Bellary, Karnataka
- 64.** An instrument to hear and analyse the movements of Heart and Lungs is called as ____
a. Seismometer b. Stereoscope
c. Stethoscope d. Stroboscope
- 65.** What is the currency of Japan?
a. Ruble b. Dollars
c. Sterling d. Yen
- 66.** What is eqivalent rank of General in navy?
a. Air marshal b. Admiral
c. Vice Admiral d. Commodore
- 67.** The original "Jana Gana Mana" is written in ____ language?
a. Hindi b. Urdu
c. Bengali d. Assamese
- 68.** Leg Bye is the term associated with ____ sports
a. Tennis b. Cricket
c. Hockey d. Football
- 69.** 'Vishwanathan Anand' is associated with ____
a. Chess b. Hockey
c. Volleyball d. Tennis
- 70.** Saare jahan se acha, Hindustan Hmara was written by ____
a. Bhagat Singh
b. Rabindra Nath Tagore
c. Dr. Mohammed Iqbal
d. Subhash Chandra Bose
- 71.** What is the full form of IAS?
a. Indian Armed Service

- | | |
|--|---|
| <p>b. Indian Administrative Service
c. Indian Account Service
d. Indian Audit Service</p> <p>72. Which is the capital of Egypt?
a. Riyad b. Dubai
c. Cairo d. Kamapala</p> <p>73. What is the currency of Bangladesh?
a. Taka b. Rupee
c. Rupiah d. Paisa</p> <p>74. The capital of Russia is ____
a. Dodoma b. Paris
c. Taskant d. Moscow</p> <p>75. Durga Puja is a famous festival celebrated in ____ state
a. Tamil Nadu b. West Bengal
c. Kerala d. Punjab</p> <p>76. GARBA is the famous dance form of ____ state in India
a. Tamil Nadu b. Andhra Pradesh
c. HP d. Gujarat</p> <p>77. MIG-29 is a/an ____
a. Ship b. A fighter Aircraft
c. A satellite d. Gun</p> <p>78. The full form of DRDO is
a. Direct Road and Direction Operators
b. Defence Research and Development Organization
c. Direct Research and Development Organization
d. Defence Road and Direction Operators</p> <p>79. India's first full length film made in 1913 is
a. Akbar b. Raja Harish Chandra
c. Bolenath d. Bharat Ma</p> <p>80. Mark Zuckerberg is famous for ____
a. Facebook b. Google
c. Internet d. WhatsApp</p> <p>81. Name the country whose flag is not a rectangle?
a. China b. Japan</p> | <p>c. Nepal d. Bhutan</p> <p>82. Which country is leader producer of tea in the world?
a. China b. Brazil
c. Ghana d. India</p> <p>83. What is the capital of Saudi Arabia?
a. Riyadh b. Santiago
c. Pyongyang d. Incheon</p> <p>84. The headquarters of Indian navy is in
a. Cochin b. Chennai
c. Mumbai d. Delhi</p> <p>85. Roger Federer is associated with ____
a. Cricket b. Hockey
c. Tennis d. Car Racing</p> <p>86. What is the main constituent of LPG?
a. Ethane b. Ethyl
c. Methane d. Butane</p> <p>87. The human eyes has ____
a. No lenses b. Concave lenses
c. Convex lenses d. None of these</p> <p>88. Pure water is obtained from sea water by
a. Filtration b. Distillation
c. Evaporation d. All of the above</p> <p>89. The quality of musical note depends upon
a. Amplitude b. Frequency
c. Wave velocity d. Harmonic contents</p> <p>90. Which of the following is the moderator in nuclear reactor?
a. Water b. Heavy water
c. Graphite d. None of these</p> <p>91. Bhabha Atomic Research centre is situated in ____
a. Trombay b. Chidambaram
c. Trivandrum d. Chennai</p> <p>92. What is unit of temperature?
a. Joules b. Celsius
c. Kilogram d. Watt</p> <p>93. What is unit of measuring length?
a. Voltmeter b. Kilometre</p> |
|--|---|

CAREER INFOWIS INSTITUTE

SAINIK SCHOOL, MILITARY SCHOOL, RIMC, NAVODAYA SCHOOL

- c. Ammeter d. Thermometer
- 94.** Which is largest river in the world?
a. Amazon b. Nile
c. Cauvery d. Ganga
- 95.** Which is the tallest peak in the world?
a. Mount Abu
b. Mount Everest
c. Mount Kilimanjaro
d. Mount Alps
- 96.** Who is the father of nation?
a. Mahatma Gandhi
b. Sardar Vallabhai Patel
c. Netaji Subhash Chandra Bose
d. Bhagat Singh
- 97.** What is penicillin?
a. Drug b. Narcotics
c. Vaccine d. Syrup
- 98.** Which of the following is used in pencils?
a. Phosphorus b. Graphite
c. Magnesium d. Silicon
- 99.** Most soluble in water is ____
a. Sugar b. Salt
c. Sulphur d. Carbon
- 100.** The site of Harappa is located on the bank of river
a. Beas b. Indus
c. Ravi d. none of these

LANGUAGE TEST (ENGLISH)

Direction (101-105): Read the following passage carefully and answer the questions given below it.

One day, the king came to the court and began attending to the routine matters people had brought to him. He happened to be in a bad mood that day. Just then, a messenger arrived out of breath, with a message that the queen wanted to see the king in her palace. The king rose immediately and all the courtiers respectfully got to their feet. The jester however remained seated

unaware that the king was departing. He belatedly got to his feet but while doing so, he was noticed by the king who perceived this behaviour as an insult. He ordered the jester to leave his kingdom with immediate effect and not set foot on its soil under penalty of death. The courtiers were upset and protested. The jester was amusing and well liked. But the jester obeyed the king's commands and left the palace promptly. Several months passed after the king had ordered the jester to leave his court. The king's anger had subsided. He decided to invite the jester to return to his court. Messengers were sent to neighboring kingdoms to search for the jester and bring him before the king.

However, the very next day, when the king was standing in one of the palace balconies, he saw a horse carriage pass outside the palace. He glanced at the carriage out of curiosity and spied the jester sitting inside. The carriage was stopped. The king asked the jester angrily, "Why have you come back to the kingdom without any permission?" "You Majesty", the jester replied politely, "I left for China the day you drove me out of your court. I returned only after I had covered the floor of my carriage with the soil of the neighboring country. I have thus not set my foot on your soil." The king found the jester's answer pleasing. He smiled and asked him to come to court from the next morning.

- 101.** Why was the jester travelling in a carriage filled with earth?
A. To remind him of his visit to China.
B. To demonstrate he had no place to live.
C. To show he was following the king's orders.
a. None b. Only A
c. Only C d. Only B
- 102.** Why did the king leave the court suddenly one day?
a. He was bored as the work was routine

- b. He realized that he had forgotten to meet the queen that day
- c. He was upset that day
- d. None of the above
- 103.** Why did the king himself ask the jester to return to his court?
- a. He missed the jester's wit and humour
- b. The jester did not need the request the king had sent through his messengers
- c. The courtiers thought the king was foolish for throwing out the jester
- d. The king appreciated the jester's cleverness in interpreting his orders
- 104.** Why did the jester remain seated while the king was leaving?
- a. To show he was unhappy with king's decision to leave early
- b. To get the king's attention
- c. To show the king that leaving early was insulting to those who had come to the court
- d. He did not realize that the king was leaving
- 105.** Which of the following cannot be said about the jester?
- A. He was afraid of the king and obeyed his orders without question.
- B. He had enjoyed visiting China so much he wanted to live there.
- C. He did not respect the king because of his short temper.
- a. Only A b. All A, B and C
- c. B and C d. A and B

Direction (106-110): Identify the correct parts of speech of the underlined word:

- 106.** You have to believe in yourself if you ever expect to be successful at something.
- a. Noun b. Verb
- c. Pronoun d. Adverb

- 107.** We left for the mountain just before six in the morning.
- a. Noun b. Verb
- c. Pronoun d. Adverb
- 108.** We first went to the store to buy a few things.
- a. Noun b. Verb
- c. Pronoun d. Preposition
- 109.** We had a breakfast at a cafe near the rail station.
- a. Noun b. Verb
- c. Pronoun d. Adverb
- 110.** My friend wasn't strong enough to lift his heavy rucksack.
- a. Noun b. Adjective
- c. Pronoun d. Adverb

Direction (111-115): Fill in the blanks with appropriate word:

- 111.** Look! Sara ___ to the movie.
- a. Is going b. Was going
- c. Goes d. Has been going
- 112.** I ___ my homework.
- a. Is finishing b. have just finished
- c. finishes d. Has been finished
- 113.** Tom ___ to his home town in 1994.
- a. Is moving b. Was moving
- c. Moved d. Has been moving
- 114.** Tomorrow I think I ___ my new project.
- a. Is Starting b. Will start
- c. Start d. Has been started
- 115.** The handbag ___ very beautiful.
- a. Is b. Were
- c. Goes d. Has been

Direction (116-120): Complete the following passage by choosing the correct option from those given in brackets:

Can we see **(116)** the earth is a Globe? Yes, we can, when we watch a ship that sails out to sea. If we watch closely, we see that the ship begins **(117)**.

- c. Ascension d. Reality

133. Mastery:

- a. Mystery b. Weighty
c. Authority d. Weakness

134. Temerity:

- a. Verity b. Audacity
c. Simplicity d. Paucity

135. Wily:

- a. Wise b. Stupid
c. Cunning d. Angry

Direction (136-140): Choose the correct spelling:

- 136.** a. Magically b. Magickelly
c. Majicelly d. Magicaly

- 137.** a. Insite b. Inscite
c. Ensignt d. Insight

- 138.** a. Sinsitive b. Insight
c. Sensative d. Sinsative

- 139.** a. Breach b. Breche
c. Broach d. Briech

- 140.** a. Jellous b. Jealous
c. Jealuse d. Jeolous

Direction (141-145): Give one word for the following:

141. One who studies the pattern of voting in election:

- a. Anthropologist b. Cartographer
c. Lexicographer d. Psephologist

142. Absence of the government:

- a. Anarchy b. Aristocracy
c. Autocracy d. Autonomy

143. Government by inexperienced persons is called:

- a. Panarchy b. Oligarchy
c. Neocracy d. Ochlocracy

144. Murder of king or queen is called:

- a. Matricide b. Parricide
c. Regicide d. Uxoricide

145. Murder of one's children is called:

- a. Foeticide b. Filicide
c. Fratricide d. Homicide

Direction (146-150): Choose adverb & adjective:

146. He usually cuts my hair ____

- a. Quick b. More Quickly
c. Quickly d. None

147. Peter ____ swallowed the syrup.

- a. Slow b. Slowly
c. More slowly d. None

148. I felt badly that we had lost the match. Sheila said she felt worse but as Carol had let the goal in she felt the ____

- a. Badly b. Bad
c. Worst d. Worse

149. Which of these adverbs is an adverb of time?

- a. Yesterday b. Slowly
c. Loudly d. Upstairs

150. Which word in the following sentence is an adverb? Sara plays the violin beautifully.

- a. Plays b. Violin
c. Beautifully d. Sara

GENERAL INTELLIGENCE (REASONING)

151. In the following series of numbers, find out how many times 1, 3, 7 have appeared together, 7 being in the middle and 1 and 3 on either side of 7.

2 9 7 3 1 7 3 7 7 1 3 3 1 7 3 8 5 7 1 3 7 7 1 7
3 9 0 6

- a. 3 b. 4
c. 5 d. More than 5

152. If the seventh day of the month is three days earlier than Friday, what day will it be on the 19th day of the month:

- a. Sunday b. Monday
c. Wednesday d. Friday

153. Pointing to a photograph, a woman said, "This man's son's sister is my mother in law". How is the woman's husband related to the man in the photograph?

- a. Son b. Grandson
c. Nephew d. Son in law
- 154.** Given that:
1. A is the mother of B
2. C is the son of A
3. D is the brother of E
4. E is the daughter of B
The grandmother of B:
a. A b. B
c. C d. E
- 155.** If $2 * 1 = 81$, $3 * 2 = 278$, $2 * 5 = 8125$, then $1 * 3 = ?$
a. 127 b. 271
c. 126 d. 129
- 156.** If '*' means '/', '-' means 'x', '/' means '+', '+' means '-' then $(3 - 15/19) * 8 - 6 = ?$
a. -1 b. 2
c. 4 d. 8
- 157.** If $A + B = 2C$ and $C + D = 2A$, the
a. $A + C = B + D$ b. $A + C = 2D$
c. $A + D = B + C$ d. $A + C = 2B$
- 158.** Jain leaves his house and walks 12 km toward north. He turns right and walks another 12 km. He turns right again, walks 12 km more and turns left to walk 5 km. How far is he from his home and in which direction:
a. 7 km East b. 10 km East
c. 17 km East d. 24 km east
- 159.** If a person is walking towards North, what direction should he follow so that he is walking towards West:
a. Right, Right, Left b. Left, Left, Right
c. Left, Right, Left d. Left, left, left
- 160.** Statements: Some ice is ring. No ring is paint. Some rings are god.

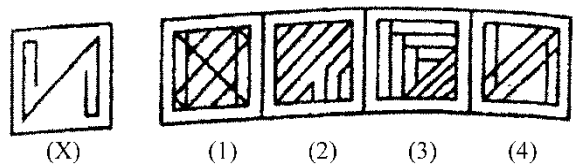
Conclusions:

- i. No gold is paint

- ii. No ice is gold
iii. Some rings are paints
iv. All gold are rings
a. Only i and iii follow
b. Only i and ii follow
c. Only iii and iv follow
d. None
- 161.** 16, 33, 67, 135, ____
a. 251 b. 259
c. 271 d. 289
- 162.** Find the wrong letter in the below given series: XSNICY
a. Y b. C
c. S d. I
- 163.** Find which one word cannot be made from the letters of the given word: UNCONSCIOUS
a. SON b. COIN
c. SUN d. NOSE
- 164.** Arrange the given words in alphabetical order and tick the one that comes in 2nd position:
a. Restrict b. Rocket
c. Robber d. Radom

Direction (165-166): In each of the following questions you are given a figure (X) followed by four alternative figures such that fig. (X) is embedded in one of them. Trace out the alternative figure which contains fig. (X) as its part.

165.



166.



(X)



(1)

(2)

(3)

(4)

167. BUCKET: ACTVBDJLDFSU:: BONUS?

- a. ACMNMOTVRT b. SUNOB
c. ACNPMOTVRT d. ACMNMOTURT

168. Fill in the blank from the choice given below: 234: 4614:: 2812: ?

- a. 3713 b. 34614
c. 12134 d. 131415

169. In a certain code, 'RATIONAL' is written as 'RTANIOLA'. How would 'TRIBAL' be written in that code:

- a. TRIALB b. TIRALB
c. TIRLBA d. TIRABL

170. If finger is called toe, toe is called foot, foot is called thumb, thumb is called ankle, ankle is called palm and palm is called knee, which one finger has different name:

- a. Thumb b. Ankle
c. Knee d. Palm

171. If the seventh day of a month is three days earlier than Friday, what day will it be on the nineteenth day of the month:

- a. Sunday b. Monday
c. Wednesday d. Friday

172. A, B, C, D, E, F is seated in a circle facing the centre. D is between F and B. A is second to the left of D and second to the right of E. Who is facing A:

- a. B b. D
c. F d. Either F or B

Direction (173-174): S and R are brothers. T is daughter of S. U is the spouse of R and mother of Q. P is the daughter of V who is the spouse of T.

173. Who is the grandfather of P:

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

174. Who is the cousin of Q:

- a. T b. V
c. R d. P

175. If '*' stands for '-', '/' stands for '+', '+' stands for '/' and '-' stands for '*', which one of the following equations is correct:

- a. $15 - 5/5 * 20 + 10 = 6$
b. $8/10 - 3 + 5 * 6 = 8$
c. $6 * 2 + 3/12 - 3 = 15$
d. $3/7 - 5 * 10 + 3 = 10$

176. If $24 + 35 = 28$, $15 + 42 = 24$, $84 + 57 = 48$, then $69 + 37 = ?$

- a. 62 b. 56
c. 38 d. 50

177. Sobha was facing east. She walked 20 metres. Turning left she moved 15 metres and then turning right moved 25 metres. Finally, she turned right and moved 15 metres more. How far is she from her starting point:

- a. 25 m b. 35 m
c. 50 m d. 45 m

178. Rasik walks 20 m north. Then he turns right and walks 30 m. Then he turns right and walks 35 m. Then he turns left and walks 15 m. Then he again turns left and walks 15 m. In which direction and how many metres away is he from his original position:

- a. 15 m west b. 30 m East
c. 30 m West d. 45 m East

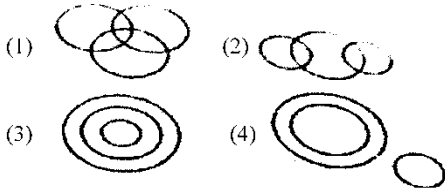
179. Find the day of the week on 16th July, 1776:

- a. Tuesday b. Wednesday
c. Monday d. Thursday

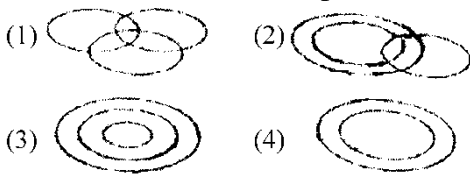
180. When the time by the watch is 20 minutes past 7, the angle between the hands of the watch is:

- a. 100 b. 90
c. 80 d. 95

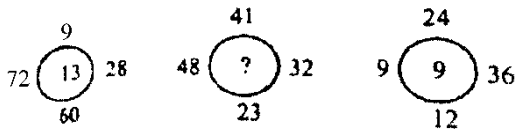
181. Which of the following diagrams correctly represents the relationship among Tennis fans, Cricket players and students.



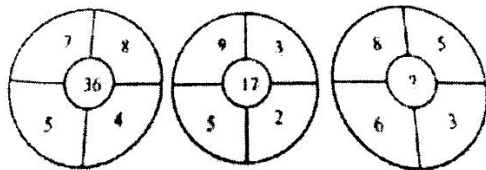
182. Which of the following diagrams correctly represents the relationship among smokers, bidi smokers and cancer patients.



183. What number should replace the question mark?



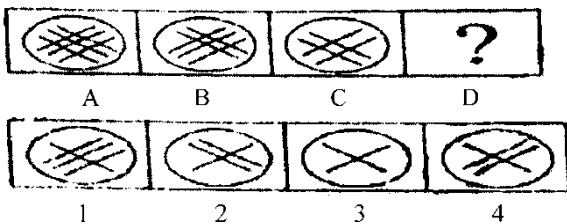
184. What number should replace the question mark?



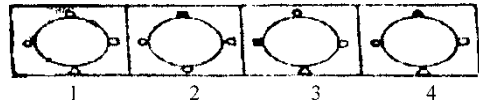
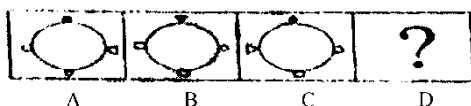
- a. 18
- b. 22
- c. 36
- d. 19

Direction (185-186): In each of the following questions, a figure series is given out of which the last figure is missing. Find which one would complete the series.

185.

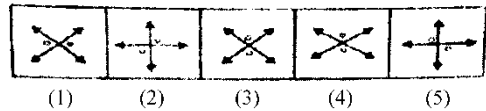


186.

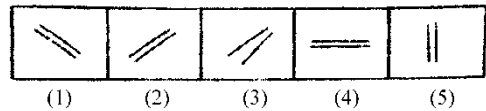


Direction (187-190): Choose the figure which is different from the others.

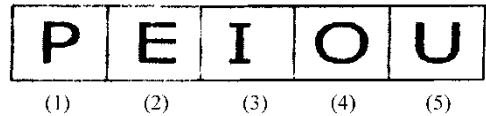
187. Problem Figure



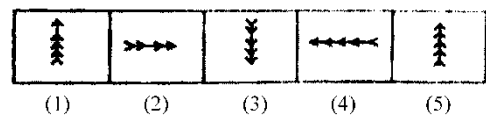
188. Problem Figure



189. Problem Figure

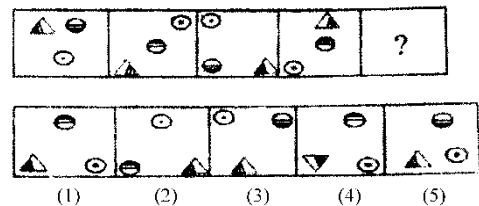


190. Problem Figure

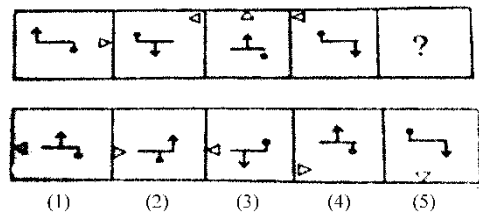


Direction (191-192): Choose the correct figure among alternatives given below to fit the pattern.

191.



192.



Direction (193-195): Choose the alternative which most closely resembles the mirror image of the given combination.

193. NATIONAL

- 1. LAIOILAI
- 2. LAIOITAI
- 3. LANOITAI
- 4. LAIOITAI

194. ANS 4 3 Q 1 2

1. AN24EQI5 2. SIQ342NA
3. 2NAE4QSI 4. I5Q4EANS

195. 1 9 6 5 INDOPAK

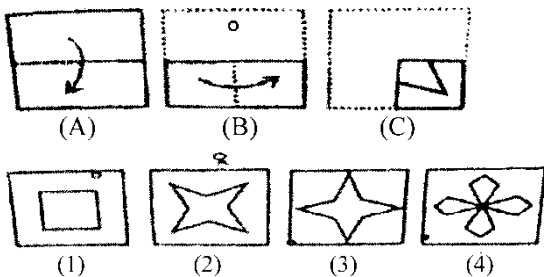
1. KAPODNIS96I
2. 9AKINDOI96I
3. I96SINDOPAK
4. KAPODNIS96I

Direction (196-198): A cube painted red on two adjacent faces and black on the faces opposite to the red faces and green on the remaining faces, is cut into sixty-four smaller cubes of equal size.

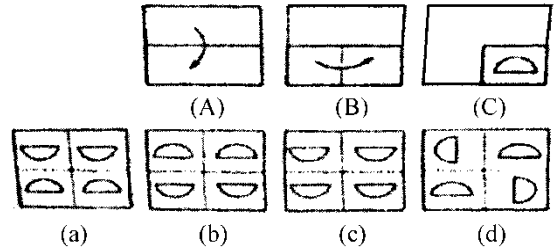
196. How many cubes are there which have no face painted
- a. 0
 - b. 4
 - c. 8
 - d. 16
197. How many cubes have only one face painted.
- a. 8
 - b. 16
 - c. 24
 - d. 32
198. How many cubes have less than three faces painted do not include cubes which have no face painted.
- a. 8
 - b. 24
 - c. 28
 - d. 48

Direction (199-200): A set of three figures A, B and C showing the sequence of folding of a piece of paper. Fig. (C) shows the manner in which the folded paper has been cut. Choose a figure which would most closely resemble the unfolded form of fig. (C).

199.



200.



CAREER INFOWIS INSTITUTE

SAINIK SCHOOL, MILITARY SCHOOL, RIMC, NAVODAYA SCHOOL

ANSWER KEY

Mathematics

1. C	6. D	11. D	16. B	21. D	26. C	31. D	36. C	41. C	46. B
2. D	7. D	12. B	17. A	22. C	27. A	32. A	37. B	42. C	47. B
3. B	8. A	13. D	18. C	23. D	28. B	33. B	38. D	43. D	48. A
4. A	9. B	14. C	19. C	24. D	29. D	34. A	39. C	44. D	49. C
5. B	10. B	15. B	20. B	25. C	30. C	35. C	40. B	45. D	50. B

General Knowledge

51. D	56. A	61. B	66.	71. B	76. D	81. C	86. D	91. A	96. A
52. D	57. D	62. B	67. C	72. C	77. B	82. A	87. C	92. B	97. C
53. B	58. B	63. A	68. B	73. A	78. B	83. A	88. B	93. B	98. B
54. C	59. D	64. C	69. A	74. D	79. B	84. C	89. D	94. D	99. A
55. B	60. B	65. D	70. C	75. B	80. A	85. C	90. C	95. B	100. C

Language Test (English)

101.	106. C	111. A	116. B	121. A	126. C	131. B	136. A	141. D	146. C
102.	107. B	112. B	117. B	122. C	127. B	132. B	137. D	142. A	147. B
103.	108. D	113. C	118. A	123. C	128. B	133. C	138. B	143. C	148. C
104.	109. B	114. B	119. C	124. C	129. D	134. B	139. A	144. C	149. A
105.	110. B	115. A	120. A	125. A	130. A	135. C	140. B	145. B	150. C

General Intelligence (Reasoning)

151. A	156. B	161. C	166. A	171. B	176. D	181. A	186. D	191. E	196. C
152. A	157. A	162. B	167. C	172. D	177. D	182. B	187. D	192. A	197. C
153. B	158. C	163. D	168. C	173. B	178. D	183. A	188. C	193. B	198. B
154. A	159. C	164. A	169. C	174. A	179. B	184. B	189. A	194. B	199. B
155. A	160. D	165. D	170. B	175. B	180. A	185. D	190. B	195. D	200. A