

## GENERAL ENGLISH

Direction for question nos. 1 to 5:

*In each question the word at the top of the table is used in four different ways lettered A to D. Choose the option in which the usage of the word is incorrect or inappropriate.*

1. MINUTE

- A) It will take him at least twenty minutes to reach the place.
- B) He is so cunning that I don't believe him for a minute.
- C) The chief ordered, "Get back to work this minute."
- D) Shiv had tragic end when his car crashed at dreadful speed that minute.

2. LAND

- A) These days women land on positions of power in public life.
- B) He has managed to land himself in an amazing job in advertising.
- C) We are due to land at Dublin airport at 12 : 15.
- D) It's impossible to reach this beach by land because of the high cliffs.

3. BREAK

- A) Magnus Carlsen got his first break in the World Junior Chess Championship.
- B) Success won't chase you unless you break the habit of looking for shortcuts.
- C) The minority faction formed a break in group, which was really unexpected.
- D) There is still scope for freshers to break through.

4. BACK

- A) The traffic was backed up a long time.
- B) Since he in the company was being gripped its way back to financial health.
- C) The surprise I had planned fired back on me.
- D) She tried to back away.

5. BRIEF

- A) I expect you to be brief and to the point.
- B) A press brief will be conducted tomorrow.
- C) The excitement lasted only for a brief while.
- D) Let's brief the case this way.

Direction for question nos. 6 to 10:

*In the following passage, there are blanks, each of which has been numbered. Against each, four words are suggested, one of which fits the blank appropriately. Find out the appropriate word in each case.*

One of academia's ...6... is that, though its lecture halls and graduate schools are ...7... with women, its higher ...8... are not. Often this is seen as a phenomenon specific to the sciences. A report published in 2008 by America's National Science Foundation, for example, found that in most fields of science and engineering male-full professors ...9... females by nearly four to one. In fact the ...10... applies to the whole grove.

- 6. A) strengths                      B) deficiencies                      C) arguments                      D) economies
- 7. A) filled                              B) required                              C) decorated                              D) famished
- 8. A) pools                              B) grades                              C) floors                              D) staff



9. A) outnumbered      B) outsold      C) overshadowed      D) overcame
10. A) desperation      B) disparity      C) similarity      D) disunity

Direction for question nos. 11 to 15:

Read the following passage carefully and answer the questions given below it. Certain words/phrases are given in the bold to help you to locate them while answering some of the questions.

Many years ago, I was called as the chief guest at a function. It was held in a hostel for poor students that had been built by a philanthropist. Food and shelter were free, but students had to bear other expenses like tuition and clothing.

In my younger days, I had come across many families, who would look after students who were economically backward but otherwise bright. (They used to help them with their fees or clothing and often with their food as well.) In those days, most colleges were located in larger towns. Many poor students, who came to study in these towns used to stay with these families and would be treated as a part of the family. The woman of the house considered this a good deed and helped the poor students whole heartedly. Today, the situation is different. Even smaller towns have schools and colleges, hence this custom has disappeared.

While I was sitting on the dais, I remembered the past and congratulated the person, who had built the hostel. It was a good deed and of great help to many students. The hostel secretary told me about some of the students in the hostel, who had secured ranks but had a problem paying their tuition fees.

He said, "Madam, this year we have three students from different disciplines who have secured ranks. All of these are from extremely poor families. They have one more year to complete their degrees." "What are they studying?" "One is in medicine, the second in engineering and the third in electrical engineering." "Can I meet them after the function?"

The function went on as usual. Often, at such functions too much praise is lavished on the chief guest. Sometimes, they even make exaggerated and false claims about the chief guest. I feel this unnecessary praising is the highest form of corruption where people are easily fooled, and it encourages those who are praised to develop an inflated opinion of themselves. That's why in the twelfth century, in Karnataka, the great revolutionary leader Basaveshwara warned in his teaching that praise is like a golden gallows.

After the function, I met the three **indigent** boys about whom the secretary had told me. They were a little puzzled, shy and nervous. All of them had the same story - father was employed in a small job unable to make ends meet, a large family back in the village, no land or any other asset. Only sheer determination to excel in studies had brought them here against all odds.

11. How did poor students manage their expenses in towns, if a college education was not available to them in their villages?
- A) They used to get regular help from the philanthropist  
B) Their fees and clothing expenses were borne by the colleges  
C) Many families used to provide them facilities on payment  
D) None of these
12. Why has the practice of students from villages staying with families in towns stopped now days?
- A) Families have found that education has become very expensive  
B) Higher education is available to students even in smaller towns  
C) There is no need for students to go in for higher education these days  
D) The situation is altogether different as the educational structure has changed



13. Choose the word which is most nearly opposite in meaning to the word given below in bold as used in the passage.

**Indigent**

- A) Lethal                      B) Robust                      C) Deprived                      D) Fortunate

14. Which of the following was not a common factor among the three students?

- A) Subjects of study      B) Family background      C) Lack of resources      D) Intelligence

15. What does the author dislike about functions?

- A) The false or exaggerated praise showered on the chief guest  
B) Selection of corrupt persons as chief guests  
C) The awkward situation created by the audience  
D) The shyness and nervousness of the audience

**Direction for question nos. 16 to 20:**

*Read the sentences and fill in the blanks with the most suitable option.*

16. Companies increase market share \_\_\_\_\_ innovation, acquiring competitors and smart hiring practices.  
A) by                      B) with                      C) through                      D) all of the above

17. \_\_\_\_\_ some employers oppose the very existence of unions, many theorists stress the necessity of unions.  
A) Because                      B) Due to                      C) However                      D) Although

18. He knows French and German also \_\_\_\_\_ Russian.  
A) beside                      B) besides                      C) aside                      D) except

19. She \_\_\_\_\_ in this office for seven years until she migrated to another firm.  
A) works                      B) worked                      C) work                      D) has been working

20. He was absent \_\_\_\_\_ school.  
A) from                      B) since                      C) of                      D) at

**Direction for question nos. 21 to 25:**

*Choose the word with the correct spelling.*

21. A) Demurrage                      B) Dimurrage                      C) Demurage                      D) Demerage

22. A) Dairia                      B) Diarrhoea                      C) Daerhoea                      D) Direya

23. A) Temperature                      B) Harrass                      C) Occured                      D) Pronounciation

24. A) Beleive                      B) Committed                      C) Category                      D) Amateur

25. A) Guarante                      B) Guarantee                      C) Garanty                      D) Garantee

**Direction for question nos. 26 to 30:**

*Identify alternatives having relationship similar to that the words highlighted in bold.*

26. **Crust : Pizza**  
A) Food : Eat                      B) Cold drink : Burger                      C) City : Village                      D) Car : Engine



27. **Bright : Sun**  
 A) Sharp : Sword      B) Light : Moon      C) Stars : Night      D) Honey : Bee
28. **Car : Iron**  
 A) Computer : Screen      B) Steel : Iron      C) Table : Wood      D) Bus : Road
29. **Cheerful : Gloomy**  
 A) Obsolete : Antiquated      B) Hope : Belief      C) Hideous : Beautiful      D) Sane : Sound
30. **Accident : Death**  
 A) Germs : Disease      B) Nail : Finger      C) Lecturer : Teach      D) Hare : Rabbit

Direction for question nos. 31 to 35:

*In the following questions, some parts of the sentence have been jumbled up. You are required to rearrange these parts which are labeled a, b, c and d to produce the correct sentence. Choose the option with proper sequence.*

31. a) They spent over Rs. 120 crore a day through credit cards during the year.  
 b) Indians were sold 45,000 credit cards a day in 2004.  
 c) But they tell only half of the story.  
 d) Both the figures represent more than 60% rise over the previous year.  
 A) abcd      B) bade      C) bcda      D) dacb
32. a) Rani herself was married at the age of five.  
 b) "What is wrong with this" said Rani.  
 c) "Widowed or divorced women marrying again is taboo", she said.  
 d) Many of the marriages end in divorce and only men can't marry again.  
 A) bcda      B) dacb      C) d'ca      D) bead
33. a) Gold buying witnesses a steep rise in festive seasons.  
 b) To attract customers, jewelers make many attracting offers those days.  
 c) Gold has always been the biggest attraction for Indian consumers.  
 d) Buying gold is also investing.  
 A) abcd      B) dcba      C) bacd      D) cdab
34. a) The likelihood of an accident is determined by how carefully the motorist drives and how carefully the pedestrian crosses the street.  
 b) An accident involving a motorist and a pedestrian is such a case.  
 c) Each must decide how much care to exercise without knowing how careful the other is.  
 d) The simplest strategic problem arises when two individuals interact with each other, and each must decide what to do without knowing what the other is doing.  
 A) abcd      B) adcb      C) dbca      D) dbac
35. a) There did not exist the great disparities in income.  
 b) That exist today between nations.  
 c) 250 years ago.  
 d) It is important to remember that.  
 A) cabd      B) abcd      C) dbca      D) dcab



Direction for question nos. 36 to 40:

*Choose the correct Antonym for the word below from the options provided.*

36. Alert  
A) Vigilant                      B) Wary                      C) Watchful                      D) Dull
37. Death  
A) Life                      B) Demise                      C) Decease                      D) Expiration
38. Gullible  
A) Credulous                      B) Mistrustful                      C) Unsuspecting                      D) Pioneer
39. Tame  
A) Wild                      B) Mild                      C) Gentle                      D) Domesticated
40. Lethal  
A) Fatal                      B) Deadly                      C) Plain                      D) Harmless

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GENERAL KNOWLEDGE

4/10/16  
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41. Who invented the television?  
A) Hans Lippershey      B) Wright Brothers      C) Nikola Tesla      D) John Baird
42. Anthropology is the study of:  
A) Evolution of technology      B) Rocks  
C) Evolution of mankind      D) Diseases
43. "Ace, Backhand, Stroke, Deuce, Fault, Let, Love, Volley" are terms associated with which sport?  
A) Badminton      B) Tennis      C) Volleyball      D) Billiards
44. "Simply Clever." Is the tagline of which car company?  
A) Skoda      B) Mercedes      C) Toyota      D) Audi
45. "Raslila" is the dance associated with which state?  
A) Gujarat      B) Rajasthan      C) Uttar Pradesh      D) Uttarakhand
46. Which country will host the 2019 Cricket World Cup?  
A) Australia      B) West Indies      C) England      D) South Africa
47. Who is the author of book named "Julius Caesar"?  
A) Charles Dickens      B) William Shakespeare      C) J.K. Rowling      D) Peter F. Drucker
48. Who won the Nobel Peace Prize in 2016?  
A) Juan Manuel Santos      B) Malala Yousafzai      C) Varadkar Ojariya      D) Iain Stewart
49. Who is the Chief Minister of Uttarakhand?  
A) Harish Rawat      B) Trivendra Singh Rawat  
C) Satpal Maharaj      D) Harak Singh Rawat
50. "Jaspal Rana" is associated with which sports?  
A) Badminton      B) Tennis      C) Hockey      D) Shooting
51. The World Wide Web was invented by:  
A) Tim Berners-Lee      B) Bob Kahn      C) Steve Jobs      D) Bill Gates
52. Headquarter of International Court of Justice is located at:  
A) The Hague      B) Geneva      C) New York      D) Paris
53. The Mariana Trench is located in the \_\_\_\_\_ Ocean.  
A) Atlantic      B) Arctic      C) Antarctic      D) Pacific
54. Which is considered as the mother of all Central Banks?  
A) Bank of England      B) Risks Bank of Sweden  
C) Federal Reserve Bank      D) Reserve Bank of India



55. The Great Pyramid of Giza, the oldest of the ancient 7 wonders of the world, is located in  
 A) Egypt                      B) Portugal                      C) Switzerland                      D) Turkey
56. Larry page and Sergey Brin are well known as:  
 A) Creators of Bluetooth device                      B) Founders of Google  
 C) Stem cell researchers                      D) Scientists
57. Which is the longest river flowing in India?  
 A) Godavari                      B) Ganges                      C) Yamuna                      D) Brahmaputra
58. Who is the current president of France?  
 A) Emmanuel Macron                      B) Nicolas Sarkozy                      C) François Hollande                      D) Le Pen
59. The banks are required to maintain a certain ratio between their cash in hand and total assets. This is called:  
 A) Statutory Bank Ratio (SBR)                      B) Statutory Liquid Ratio (SLR)  
 C) Central Bank Reserve (CBR)                      D) Central Liquid Reserve (CLR)
60. Annapurna mountain range is located in which country?  
 A) India                      B) Nepal                      C) Pakistan                      D) Afghanistan
61. Warren Buffet is the CEO of which company?  
 A) Google                      B) Berkshire Hathaway                      C) Facebook                      D) Microsoft
62. What is the main objective of "Pradhan Mantri Jan Aushadhi Yojana (PMJAY)"?  
 A) Provide drugs/medicines at affordable prices  
 B) Provide accidental insurance cover  
 C) Financial support for growth of micro enterprises sector  
 D) Development of infrastructure
63. From which of the following countries has India purchased the Rafale fighter jets recently?  
 A) United States of America                      B) France  
 C) Russia                      D) Germany
64. Which of the following companies were not granted license for Payments Bank by the RBI?  
 A) Airtel                      B) Infosys                      C) Aditya Birla Group                      D) Reliance Industries
65. "Mein Kampf" is the autobiography of which famous personality?  
 A) Diego Maradona                      B) Pablo Escobar                      C) Adolf Hitler                      D) Anne Frank
66. Who said "Imagination is more important than knowledge"?  
 A) Pablo Picasso                      B) Nikola Tesla                      C) Bill Gates                      D) Albert Einstein
67. Which is the National Aquatic Animal of India?  
 A) River Dolphin                      B) Turtle                      C) Sea Lions                      D) Hippopotamus
68. Which lawyer recently represented the case of Kulbhushan Jadhav at the ICJ?  
 A) Ram Jethmalani                      B) Khawar Qureshi                      C) Arun Jaitley                      D) Harish Salve

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69. Which of the following pairs is incorrect?  
 A) Article 80 — Imposition of President's rule in states  
 B) Article 343 — Hindi as official language  
 C) Article 370 — Special status of Kashmir  
 D) Article 81 — Specifies the number of seats in Lok Sabha
70. "Pascal" is the unit of measuring?  
 A) Energy                      B) Pressure                      C) Temperature                      D) Force
71. What is the capital of Argentina?  
 A) Buenos Aires                      B) Santiago                      C) Lima                      D) Port-of-spain
72. "Beri Beri" is a disease caused by the deficiency of?  
 A) Vitamin A                      B) Vitamin B                      C) Vitamin C                      D) Vitamin D
73. The first Indian University opened in 1857 was situated in which city?  
 A) Chennai                      B) Bihar                      C) Mumbai                      D) Kolkata
74. Which is considered as oldest civilization of the world?  
 A) Mesopotamian Civilization                      B) Egyptain Civilization  
 C) Harappan Civilization                      D) Chinese Civilization
75. Nail polish remover contains which of the following elements?  
 A) Benzene                      B) Acetic acid                      C) Acetone                      D) Petroleum Ether
76. World AIDS Day is held on which day?  
 A) 1<sup>st</sup> December                      B) 16<sup>th</sup> October                      C) 14<sup>th</sup> May                      D) 21<sup>st</sup> September
77. "Pulitzer Prize" is given for proficiency in which of the following?  
 A) Science                      B) Literature                      C) Science                      D) Acting
78. Which country is known as the "Land of Rising Sun"?  
 A) Japan                      B) Finland                      C) Norway                      D) Italy
79. In which year did the World War II start?  
 A) 1945                      B) 1921                      C) 1939                      D) None of the above
80. Which is correct order of solar system starting from Sun?  
 A) Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptune  
 B) Mercury, Venus, Earth, Mars, Jupiter, Saturn, Neptune, Uranus  
 C) Mercury, Venus, Mars, Earth, Jupiter, Saturn, Neptune, Uranus  
 D) Mercury, Venus, Earth, Jupiter, Mars, Saturn, Uranus, Neptune



## REASONING

Direction for question nos. 81 to 85:

Select the alternative that logically follows from the two given statements, but not from one statement alone.

81. All Cooks are drivers.  
All drivers are dancers.  
A) All dancers are drivers  
B) All cooks are dancers  
C) No cook is dancer  
D) Both A and B
82. All sane are men.  
Some sane are insane.  
A) Some men are insane  
B) No men are insane  
C) All men are insane  
D) None of the above
83. No plane is ship.  
No ship is bus.  
A) No bus is plane  
B) No plane is bus  
C) Both A and B  
D) None follows
84. All cats are dogs.  
No dogs are rats.  
A) All cats are rats  
B) Some cats are rats  
C) No cat is rat  
D) None of the above
85. Some books are brooks.  
Some brooks are not cooks.  
A) Some books are cooks  
B) Some books are not cooks  
C) Both A and B  
D) None follows
86. How is Ashish's mother's husband's mother's grand-daughter related to Ashish?  
A) Sister  
B) Cousin  
C) Daughter  
D) Cannot be determined
87. How is my mother's mother-in-law's only son related to me?  
A) Uncle  
B) Grand-father  
C) Father  
D) Brother
88. How is my father's brother's only sibling related to me?  
A) Brother  
B) Cousin  
C) Father  
D) Uncle
89. How is my brother's grandfather's only son's only child related to me?  
A) Brother  
B) Cousin  
C) Nephew  
D) Mother
90. How many degrees does an hour hand move in 10 minutes?  
A) 5 degree  
B) 10 degree  
C) 20 degree  
D) 15 degree

Direction for question nos. 91 to 95 :

Identify the odd one out.

91. A) Cricket  
B) Football  
C) Baseball  
D) Hockey
92. A) Violet  
B) Indigo  
C) Brown  
D) Green



93. A) Book : Read                      B) Pen : Write                      C) Table : Sit                      D) House : Live
94. A) A                      B) D                      C) P                      D) U
95. A) 3 : 9                      B) 21 : 441                      C) 13 : 171                      D) 17 : 289

Direction for question nos. 96 to 100:

Study the given information carefully and answer the following questions:

Seven persons P, Q, R, S, T, U and V are sitting in a row directly opposite us (facing towards us). R and S sit next to each other. There must be exactly four persons between Q and V. S sits to the immediate right of Q.

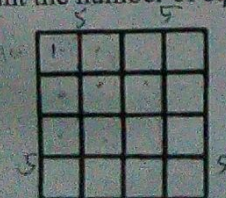
96. If P and T are separated exactly by two persons, then who sits to the immediate left of V?  
A) P                      B) T                      C) U                      D) R
97. If Q is not sitting at either extreme of the row, then who among the following has as many persons on his left as on his right?  
A) S                      B) U                      C) R                      D) V
98. If Q sits at one extreme, then who is at the other extreme?  
A) P                      B) T                      C) V                      D) Cannot be determined
99. If P sits to the immediate right of R, then who sits to the immediate right of P?  
A) T                      B) U                      C) Either A or B                      D) None of the above
100. In how many different ways can the seven persons sit in a row?  
A) 3                      B) 2                      C) 10                      D) 12
101. If 22<sup>nd</sup> April, 1982 was a Thursday, then what day of the week was 3<sup>rd</sup> November, 1932?  
A) Monday                      B) Friday                      C) Tuesday                      D) Wednesday
102. What day of the week is the Independence Day in a year, if the Republic Day in that year is on Thursday?  
A) Monday                      B) Wednesday                      C) Sunday                      D) Cannot be determined

103. How many triangles are there in the following figure?



- A) 24                      B) 20                      C) 28                      D) 16

104. Count the number of squares in the given figure?



- A) 32                      B) 29                      C) 28                      D) 30



105. One evening Sushma and her friend Nisha were standing opposite to each other. Sushma found that her shadow is falling towards her right. Which direction is Nisha facing?
- A) South                      B) North                      C) East                      D) West

**Direction for question nos. 106 to 110:**

*In a certain code language '+' means '-', '-' means 'x', 'x' means '÷', '÷' means 'x'. Answer the following questions using the data.*

106.  $14 \times 2 - 6 + 10 + 4 \times 2$   
 A) 30                      B) 40                      C) 1                      D) 16
107.  $15 \div 5 + 15 \div 10 \times 2$   
 A) 54                      B) 20                      C) 0                      D) 225
108.  $11 \div 15 \times 3 + 6 - 5$   
 A) 55                      B) 35                      C) 165                      D) 25
109.  $13 + 3 - 5 - 20 + 25$   
 A) -314                      B) 313                      C) -312                      D) 6
110.  $196 \times 14 \div 25 \times 5 + 225 \times 15$   
 A) 70                      B) 55                      C) 105                      D) 196

**Direction for question nos. 111 to 115:**

*Select related words/ letters/ numbers from the given alternatives.*

111. LAMP : ETFI :: BAND : \_\_\_\_\_  
 A) VUR                      B) JRAY                      C) NIS                      D) UHX
112. PLAN : MIXK :: MAPLE : \_\_\_\_\_  
 A) HNOJX                      B) HYNIC                      C) JYNPC                      D) JXMIB
113. 169 : 2197 :: 225 : \_\_\_\_\_  
 A) 3575                      B) 3275                      C) 3625                      D) 3375
114. Soft : Hard :: Cold : \_\_\_\_\_  
 A) Hot                      B) Shirt                      C) Gloves                      D) Fingers
115. Earth : Planet :: Carrot : \_\_\_\_\_  
 A) Vegetable                      B) Plant                      C) Cooking                      D) Leaf



**Direction for question nos. 116 to 120:**

*Answer the following questions on the basis of information given below.*

A group of people who read the three newspapers – Economic Times (ET), The Times of India (TOI) and The Hindu (TH) is surveyed. 49% of the people read ET, 49% of the people read TOI and 52% of the people read TH. 10% of the people read all the three. 26% read both ET and TH, 14% read only TOI and TH. 15% read only TOI. 20 people read only ET and TOI.

116. How many people do not read TOI?  
A) 64                      B) 102                      C) 92                      D) 108
117. Among the people who read ET, how many people do not read TH?  
A) 64                      B) 102                      C) 92                      D) 108
118. How many people read at least two newspapers?  
A) 64                      B) 109                      C) 100                      D) 129
119. How many people read at most one newspaper?  
A) 100                      B) 120                      C) 105                      D) 109
120. How many people read all the three newspapers?  
A) 20                      B) 27                      C) 19                      D) 25

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## QUANTITATIVE APTITUDE

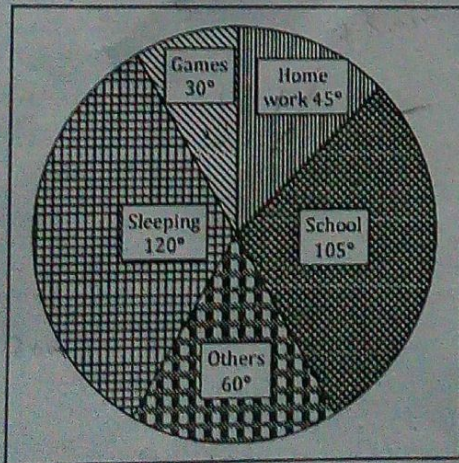
121. A vertical stick 20 m long casts a shadow 10 m long on the ground. At the same time, a tower casts the shadow 50 m long on the ground. Find the height of the tower.  
A) 100                      B) 120                      C) 25                      D) 200
122. The radius of a circle is 9 cm and length of one of its chords is 14 cm. Find the distance of the chord from the centre.  
A) 5.66 cm                      B) 6.3 cm                      C) 4 cm                      D) 7 cm
123. How many numbers of 3-digits can be formed with the digits 1, 2, 3, 4, 5 (repetition of digits not allowed)?  
A) 125                      B) 120                      C) 60                      D) 150
124. If a is 75% of b, b is 150% of c and d is 25% of c, then find a : d?  
A) 9 : 1                      B) 9 : 2                      C) 8 : 3                      D) 8 : 1
125. An inlet pipe takes 8 hours to fill a tank. An outlet pipe takes 12 hours to empty it. If both pipes are opened simultaneously, in how many hours will the tank be filled?  
A) 8                      B) 12                      C) 24                      D) 36
126. The ratio of the speeds of P, Q and R is 3 : 4 : 6. Find the ratio of the times that P, Q and R would take to run a certain distance.  
A) 4 : 3 : 1                      B) 2 : 3 : 4                      C) 3 : 2 : 4                      D) 4 : 3 : 2
127. A total of 57 sweets were distributed among 10 children such that each girl gets 5 sweets and each boy gets 6 sweets. Find the number of girls.  
A) 6                      B) 7                      C) 4                      D) 3
128. The sum of prime numbers that are greater than 60, but less than 70 is:  
A) 128                      B) 191                      C) 197                      D) 260
129. Find the slant height of a cone whose radius is 5 cm and height is 12 cm (in cm).  
A) 13                      B) 17                      C) 14                      D) 15
130. Find the remainder when 6799 is divided by 7.  
A) 4                      B) 6                      C) 1                      D) 2
131. Find the total numbers between 122 and 442 that are divisible by 3 but not by 9.  
A) 70                      B) 71                      C) 72                      D) 73
132. The present ages of Rohit and Sunil are in the ratio of 3 : 5. 10 years hence, the ratio of their ages will be 4 : 5. Find the present age of Rohit (in years).  
A) 36                      B) 24                      C) 12                      D) 6
133. If the side of a square is increased by 18% then what will be the percentage change in its perimeter? (in percent)  
A) 18                      B) 22                      C) 20                      D) 24



134. Kishan spends 40% of his income on rent, 30% of the remaining for health, 20% of the remaining for education. If he saves Rs. 840 every month, find his monthly salary.  
 A) 1800                      B) 2200                      C) 2500                      D) 2000
135. A sum of money invested at simple interest amounts to Rs 2480 at the end of four years and Rs 4080 at the end of eight years. Find the principal.  
 A) 2040                      B) 880                      C) 1480                      D) 1240
136. The average weights of the boys and girls in class are 30 kg and 40 kg respectively. Find the average weight of all the students in the class (in kg).  
 A) 30                      B) 35                      C) 40                      D) Cannot be determined
137. A train travelling at 36 kmph crosses a platform in 20 seconds and a man standing on the platform in 10 seconds. What is the length of the platform in meters?  
 A) 240 meters                      B) 100 meters                      C) 200 meters                      D) 300 meters
138. By walking at  $\frac{4}{5}$ th of his usual speed, a man reaches office 10 minutes later than usual. What is his usual time?  
 A) 20 min                      B) 40 min                      C) 30 min                      D) 50 min
139. Ram can do a work in 12 days and Rajesh in 15 days. If they work on it together for 4 days, then the fraction of the work that is left is:  
 A)  $\frac{3}{20}$                       B)  $\frac{3}{5}$                       C)  $\frac{2}{5}$                       D)  $\frac{2}{20}$
140. A reduction of 20% in the price of sugar enables a person to purchase 6 kg more for Rs. 240. What is the original price per kg of sugar?  
 A) Rs. 10/kg                      B) Rs. 8/kg                      C) Rs. 6/kg                      D) Rs. 5/kg

Direction for question nos. 141 to 145 :

The following pie chart shows the hourly distribution (in degrees) of all the major activities of a student.



141. The percentage of time which he spends in school is (approx.):  
 A) 38%                      B) 30%                      C) 40%                      D) 25%
142. How much time (in per cent) does he spend in games in comparison to sleeping?  
 A) 30%                      B) 40%                      C) 25%                      D) None of these

$$\frac{25}{100} = 25\%$$



143. If he spends the time in games equal to the home work and remains constant in other activities, then the percentage decrease in time of sleeping:  
A) 15%                      B) 12.5%                      C) 20%                      D) None of these
144. What is the difference in time (in hours) spent in school and in home work?  
A) 2                      B) 3                      C) 4                      D) 8
145. If he spends  $\frac{1}{3}$ rd time of homework in Mathematics then the number of hours he spends in rest of the subjects in home work:  
A) 2                      B) 1                      C) 3                      D) 4
146. When we reverse the digits of the number 13, the number increases by 18. How many other two digit numbers increase by 18 when their digits are reversed?  
A) 5                      B) 6                      C) 7                      D) 8
147. Find the interest earned in the first year on Rs 400 at 20% p.a. compound interest, the interest being compounded half yearly.  
A) 84                      B) 72                      C) 42                      D) 144
148. In a business, A and C invested amounts in the ratio 2 : 1 , whereas the ratio between amounts invested by A and B was 3 : 2 . If Rs 157300 was their profit, how much amount did B receive?  
A) 48000                      B) 48200                      C) 48400                      D) 48600
149. The 7th and 21st terms of an AP are 6 and  $-22$  respectively. Find the 26th term.  
A)  $-34$                       B)  $-32$                       C)  $-12$                       D)  $-10$
150. Quantities a and b are inversely proportional to each other. When  $a = 8$ ,  $b = 240$ . Find b when  $a = 6$ .  
A) 320                      B) 400                      C) 640                      D) 1200

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