

4. The curved surface area of one of the two cones is double of the other while the slant height of second is double that of the first. What is the ratio of the radius of the second cone to that of the first cone ?  
 (1) 1 : 3 (2) 1 : 4  
 (3) 4 : 1 (4) None of these
5. Two equal glasses filled with mixture of milk and water in the proportions of 2 : 1 and 1 : 1 respectively are emptied into a third glass. What is the proportion of milk and water in the third glass ?  
 (1) 3 : 7 (2) 5 : 7  
 (3) 4 : 7 (4) 7 : 5
6. The population of a town is 10,000. If the males increase by 5% and the females by 6%, the population will be 10540. How much females are there ?  
 (1) 3500 (2) 4000  
 (3) 4500 (4) 2500
7. A certain number of men completed a piece of work in 60 days. If there were 8 men more the work could be finished in 10 days less. How many men were originally there ?  
 (1) 32 (2) 36  
 (3) 40 (4) None of these
8. At a certain rate of simple interest, a certain sum doubles itself in 10 years. It will treble itself in:  
 (1) 14 years (2) 16 years  
 (3) 18 years (4) 20 years
9. A sphere of radius 2cm is put into water contained in a cylinder of radius 4 cm. If the sphere is completely immersed in the water the water level in the cylinder rises by :  
 (1)  $\frac{2}{3}$  cm (2)  $\frac{1}{3}$  cm  
 (3)  $\frac{3}{4}$  cm (4) 1 cm
10. The tax on commodity is diminished by 15% and its consumption increases by 10%. The decrease per cent in the revenue derived from it is :  
 (1) 77.5% (2) 6.5%  
 (3) 23.7% (4) None of these
11. A and B are two destinations A car goes from A to B at average speed of 64 km/hr and returns to A at a slower speed. If its average speed for the whole journey is 56 km/hr. It returned with speed :  
 (1) 45.7 km/hr.  
 (2) 49.76 km/hr.  
 (3) 48 km/hr.  
 (4) 49.78 km/hr.
12. Rs. 3757 is to be divided between A and B such that A's share at the end of 7 years may equal to B's share at the end of 9 years. If rate per cent be 10% p.a. compound interest B's share is :  
 (1) Rs. 1600 (2) Rs. 1700  
 (3) Rs. 1650 (4) Rs. 1800
13. For a triangle whose sides (in metres) are 50, 78, 112 respectively the length (in metres) of perpendicular from the opposite angle on the side 112 metres is :  
 (1) 30.1 (2) 28  
 (3) 32 (4) None of these
14. Ramesh travelled 1200 km by air which formed  $\frac{2}{3}$  of his trip. One third of whole trip, he travelled by car and the rest of the journey he performed by train. The distance travelled by train was :  
 (1) 820 km (2) 840 km  
 (3) 900 km (4) None of these
15. A reduction of 21% in the price of wheat enables a person to buy 10.5 kg more for Rs. 100. What is the reduced price per kg. ?  
 (1) Rs. 2 (2) Rs. 2.50  
 (3) Rs. 2.35 (4) Rs. 2.40
16. The parliament of Afghanistan is called :  
 (1) Majlis  
 (2) Senate  
 (3) National Assembly  
 (4) Shora
17. The first Europeans to come to India were  
 (1) Portuguese (2) British  
 (3) French (4) Turks
18. Bagasse, a by product of sugar manufacturing industry, is used for the production of :  
 (1) Paper  
 (2) Alcohol  
 (3) Confectionaries  
 (4) Glass
19. Marble is a :  
 (1) Plutonic rock  
 (2) Alcohol  
 (3) Metamorphic rock  
 (4) Sedimentary rock
20. Which of the following city is not situated on the bank of river Ganga ?  
 (1) Allahabad (2) Varanasi  
 (3) Haridwar (4) Lucknow
21. Who is known as father of Genetics ?  
 (1) Charles Darwin  
 (2) Gregor Mendel  
 (3) Lamarck  
 (4) Weismann
22. World's lowest international airport situated below the mean sea level is at :  
 (1) Amsterdam (2) Colombo  
 (3) Jeddah (4) Hong Kong
23. Arthashastra is a treatise on :  
 (1) Making love  
 (2) Morality  
 (3) Law (4) Polity
24. How many members may be nominated by the president of India to the Lok Sabha ?  
 (1) 2 (2) 4  
 (3) 15 (4) 12
25. The 'India Economic Summit' was organised by the World Economic Forum (WEF) in association with CII in New Delhi in November 2009.  
 (1) 12th (2) 16th  
 (3) 23rd (4) 25th
26. "Mona Lisa" is a work of :  
 (1) Pablo Picasso  
 (2) Leonardo Da Vinci  
 (3) Michelangelo  
 (4) None of these
27. Which of the following languages does not have Dravidian origin ?  
 (1) Kannada (2) Telugu  
 (3) Marathi (4) Malayalam
28. The artificial stimulation of resistance to diseases is known as  
 (1) Embolism (2) Immunisation  
 (3) Sterilisation (4) None of these
29. Which of the following does not generate energy inside the body but are still essential ?  
 (1) Fats (2) Proteins  
 (3) Vitamins (4) Carbohydrates

- 100.** The Chinese pilgrim who visited India during the reign of Chandragupta II was :  
 (1) Fa-Hieu (2) Hue-Sang  
 (3) Alberuni (4) None of these
- 101.** Svetambar and Digambar represent the sects of :  
 (1) Svetambar  
 (2) Jainism  
 (3) Hinduism  
 (4) None of these
- 102.** Which writer translated "Babar Nama" into Persian language during the time of Akbar ?  
 (1) Abul Fazal  
 (2) Faize  
 (3) Abdur-Rahim Khani Khanan  
 (4) None of these
- 103.** World Champion Viswanathan Anand, in November 2009, tamed former World Champion \_\_\_ to win the rapid four-game chess series in Ajaccio in France.  
 (1) Anatoly Karpov  
 (2) Bobby Simpson  
 (3) Garry Kasparov  
 (4) Vassily Ivanchuk
- 104.** Gandhi suspended the non-cooperation movement because of :  
 (1) Differences between moderates and extremists  
 (2) Violence at chauri-chaura  
 (3) Split in congress  
 (4) None of these
- 105.** The temperature generally tends to decrease towards the poles because of :  
 (1) The air movement generally towards the equator  
 (2) The polar winds are cool  
 (3) The earth's shape at poles  
 (4) The solar rays fall slanting on poles
- 106.** Western Ghats are formed as a result of :  
 (1) Accumulation of rocks  
 (2) Eastwards tilting of peninsular block  
 (3) Faulting of earth's crust  
 (4) None of these
- 107.** Seasons are caused by  
 (1) Rotation of earth about its own axis  
 (2) Revolution of earth around sun  
 (3) Inclination of earth on its axis  
 (4) Shape of the earth

- 108.** The main theme of "Green Revolution" is :  
 (1) Improved cultivation  
 (2) Use of fertilisers  
 (3) Use of pesticides  
 (4) Use of high yielding varieties of seeds

- 109.** Which country, in October 2009, demanded the remains of Nobel Peace laureate Mother Teresa and King Ahmet Zog, to be returned to the country?  
 (1) Denmark (2) Ireland  
 (3) Sweden (4) Albania

- 110.** German silver is an alloy of :  
 (1) Silver, Copper & Aluminium  
 (2) Silver, Zinc and Copper  
 (3) Copper, Nickel and Silver  
 (4) Zinc, Copper and Nickel

**Directions (111-115) :** In the following questions find the missing letters.

- 111.** ab — ba — ba —  
 (1) bab (2) aba  
 (3) bbb (4) abb

- 112.** abaa — aab — a — a  
 (1) abaa (2) bbaa  
 (3) bab (4) aab

- 113.** aa — b — abb — bb  
 (1) abaa (2) bbaa  
 (3) baaa (4) baba

- 114.** a — ab — baa — bb —  
 (1) baba (2) abab  
 (3) aabb (4) bbaa

- 115.** abc — bc — c —  
 (1) acbbab (2) aabbca  
 (3) aabacb (4) aababc

**Directions (116-120) :** Choose the same relationship from given four answer choices as given in original pair.

- 116.** Teeth : Chew  
 (1) Eyes : Flicker  
 (2) Sweater : Heat  
 (3) Food : Taste  
 (4) Mind : Think

- 117.** Train : Track  
 (1) Fame : Television  
 (2) Water : Boat  
 (3) Bullet : Barrel  
 (4) Idea : Brain

- 118.** Square : Cube  
 (1) Triangle : Prism  
 (2) Line : Cylinder  
 (3) Circle : Sphere  
 (4) Sphere : Earth

- 119.** Bird : Wings  
 (1) Car : Wheel  
 (2) Pen : Paper  
 (3) Dog : Lungs  
 (4) Whale : Water

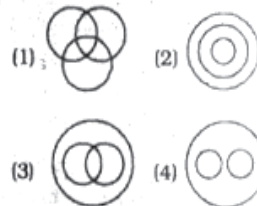
- 120.** Liquor : Drink  
 (1) Water : Sip  
 (2) Bread : Butter  
 (3) Tea : Beverage  
 (4) Snuff : Inhale

**Directions (121-125) :** Choose the odd one from the given answer choices.

- 121.** (1) Loom : Cloth  
 (2) Table : Drawer  
 (3) Book : Page  
 (4) Car : Wheel
- 122.** (1) Meeting : Chairman  
 (2) Tomato : Potato  
 (3) Army : General  
 (4) Crache : Infant
- 123.** (1) Mango : Fruit  
 (2) Boy : Girl  
 (3) Shirt : Dress  
 (4) Table : Furniture

- 124.** (1) White (2) Blue  
 (3) Green (4) Yellow
- 125.** (1) Book (2) Pen  
 (3) Pencil (4) Ink

**Directions (126-130) :** Choose the most suitable diagram for the given pair. The diagrams are :



- 126.** Dog, cat, animal  
**127.** Sister mother, women  
**128.** Town, state, country  
**129.** Rhombus, quadrilaterals, polygons  
**130.** English, Hindi, Language

**Directions (131-135) :** The given figure represents a multiplication operation, where each alphabet represents a different number.

$$\begin{array}{r}
 \text{A A} \\
 \times \text{B C} \\
 \hline
 \text{D 7 4} \\
 \text{A A E} \\
 \hline
 5 \ 9 \ 4
 \end{array}$$



131. What is the value of A ?

- (1) 0 (2) 3  
(3) 2 (4) 4

132. What is the value of D ?

- (1) 3 (2) 2  
(3) 4 (4) 5

133. What is the value of B ?

- (1) 3 (2) 1  
(3) 2 (4) 6

134. What is the value of  $AB + CD - BE$  ?

- (1) 75 (2) 86  
(3) 84 (4) 88

135. What is the value of C ?

- (1) 1 (2) 4  
(3) 7 (4) 6

**Directions (136-140) :** Pick out the most effective word(s) from the given words to fill in the blanks to make the sentence meaningfully complete.

136. A woman came in with a baby who, she said ..... a safety pin.

- (1) was just swallowing  
(2) Swallowed  
(3) had just swallowed  
(4) just swallowed

137. The telephone ..... several before I answered it.

- (1) was ringing  
(2) has rung  
(3) had rung  
(4) would ring

138. An employment advertisement should .... the number of vacancies.

- (1) provide  
(2) specify  
(3) contain  
(4) declare

139. A crescendo of metallic thuds arose from the market, where the iron-smiths were ..... the pieces of metals.

- (1) flattering  
(2) striking  
(3) hammering  
(4) thrashing

140. Ambition is one of those .... which are never satisfied.

- (1) ideas (2) fancies  
(3) passions (4) needs

**Directions (141-145) :** In questions given below out of the four alternatives choose the one which can be substituted for the given words/sentence.

141. Something that relates to everyone in the world :

- (1) General (2) Common  
(3) Usual (4) Universal

142. An expression of mild disapproval :

- (1) Warning  
(2) Denigration  
(3) Impertinence  
(4) Reproof

143. One who is not easily pleased by anything

- (1) Maiden (2) Mediaeval  
(3) Precarious (4) Fastidious

144. Murder of a king

- (1) Infanticide (2) Matricide  
(3) Genocide (4) Regicide

145. A remedy for all diseases

- (1) Stole (2) Marvel  
(3) Panacea (4) Recompense

**Directions (146-150) :** In following questions four alternatives are given for the Idiom/phrase in bold in the sentence. Choose the alternative which best expresses the meaning of the Idiom/phrase ?

146. How long will the people **put up with** the increasing economic hardships ?

- (1) Welcome  
(2) Take easily  
(3) Remain-satisfied with  
(4) Tolerate

147. Do not trust a man who **blows his own trumpet**.

- (1) Flatters  
(2) Praises others  
(3) Admonishes other  
(4) Praises himself

148. The dacoit murdered the man in **cold blood**.

- (1) Coldly (2) Boldly  
(3) Ruthlessly (4) Deliberately

149. My car **broke down** on way to the railway station.

- (1) Stopped  
(2) Met with an accident  
(3) Ran out of petrol  
(4) Failed to work

150. The time is running out, you must **look sharp**.

- (1) Be careful  
(2) Make haste  
(3) Be punctual  
(4) Be sensible

## ANSWERS

1.(1)	2.(1)	3.(2)	4.(2)
5.(2)	6.(1)	7.(4)	8.(2)
9.(4)	10.(3)	11.(2)	12.(4)
13.(4)	14.(1)	15.(3)	16.(4)
17.(4)	18.(3)	19.(1)	20.(4)
21.(2)	22.(3)	23.(3)	24.(1)
25.(1)	26.(1)	27.(3)	28.(3)
29.(4)	30.(1)	31.(3)	32.(2)
33.(1)	34.(1)	35.(2)	36.(4)
37.(3)	38.(2)	39.(4)	40.(4)
41.(1)	42.(3)	43.(2)	44.(1)
45.(2)	46.(3)	47.(4)	48.(1)
49.(2)	50.(1)	51.(3)	52.(4)
53.(2)	54.(1)	55.(2)	56.(3)
57.(3)	58.(1)	59.(1)	60.(1)
61.(4)	62.(1)	63.(2)	64.(3)
65.(2)	66.(1)	67.(2)	68.(3)
69.(4)	70.(2)	71.(4)	72.(3)
73.(1)	74.(2)	75.(4)	76.(2)
77.(3)	78.(4)	79.(1)	80.(2)
81.(4)	82.(2)	83.(4)	84.(4)
85.(1)	86.(4)	87.(1)	88.(1)
89.(1)	90.(4)	91.(2)	92.(1)
93.(4)	94.(1)	95.(4)	96.(2)
97.(3)	98.(2)	99.(3)	100.(1)
101.(2)	102.(3)	103.(1)	104.(2)
105.(4)	106.(3)	107.(2)	108.(4)
109.(4)	110.(4)	111.(4)	112.(3)
113.(3)	114.(2)	115.(4)	116.(4)
117.(3)	118.(1)	119.(1)	120.(3)
121.(1)	122.(4)	123.(2)	124.(1)
125.(4)	126.(4)	127.(3)	128.(2)
129.(2)	130.(4)	131.(3)	132.(1)
133.(2)	134.(3)	135.(3)	136.(3)
137.(3)	138.(2)	139.(3)	140.(3)
141.(4)	142.(4)	143.(4)	144.(4)
145.(3)	146.(4)	147.(4)	148.(3)
149.(1)	150.(2)		