

1. Who was appointed as the Director General of Sports Authority of India;
  - (a) Arundhati Bhattacharya
  - (b) Neelam Kapoor
  - (c) Preetham Singhvi
  - (d) Krithika Sharma
2. The Ghodazari Wildlife Sanctuary is the new sanctuary declared by which state;
  - (a) Punjab
  - (b) Haryana
  - (c) Odisha
  - (d) Maharashtra
3. What was the theme of the World Wetlands Day -2018 (February-2);
  - (a) Wetlands for a Sustainable Urban future
  - (b) Wetlands-Protecting Lungs of Earth
  - (c) Wetlands for a better future
  - (d) Wetlands for a green economy
4. Shesh Anand Madhukar was honoured with Sahitya Akademi Bhasha Samman Award. He is a writer in which language;
  - (a) Marathi
  - (b) Gujarathi
  - (c) Magahi
  - (d) Bengali
5. Which International agreement envisages facilitation of transit & transportation of goods between Central Asia & the Persian Gulf to boost up trade & investment;
  - (a) Marakesh Agreement
  - (b) Geneva Agreement
  - (c) Ashgabat Agreement
  - (d) Peshawar Agreement
6. Which among the following statements regarding the Union Budget 2018 is/are correct;
  - (i) GDP growth at 6.3 % in second quarter 2017-18
  - (ii) Budget revised estimates for expenditure at Rs. 21.57 lakh crore
  - (iii) Defence got lowest allocation since 1962, ie, 1.58 % of GDP
  - (a) (i) Only
  - (b) (i) & (ii)
  - (c) (ii) & (iii)
  - (d) (i), (ii) & (iii)
7. Which scheme was declared in the Union Budget-2018 to promote farmer producers organisations, processing facilities, agri-logistics & professional management;
  - (a) Operation Flood
  - (b) Operation Green
  - (c) Operation Paddy
  - (d) Operation Kharif
8. Which places are connected by the National Waterway-1;
  - (a) Varanasi - Haldia
  - (b) Allahabad - Patna
  - (c) Patna - Haldia
  - (d) Allahabad - Varanasi
9. Who is the head of the Task Force appointed by the Central Govt to study use & application of artificial intelligence in military;
  - (a) K. Subramaniam
  - (b) P.K. Dhar
  - (c) N. Chandrasekharan
  - (d) Komal Kumar Dutt
10. The KUSUM Scheme is associated with;
  - (a) Saffron farming
  - (b) Development of IT hubs
  - (c) Self Employment of Women
  - (d) Solar farming
11. Variations in the length of day time and night time from season to season are due to;
  - (a) The Earth's rotation on its axis
  - (b) The Earth's revolution round the Sun in an elliptical manner
  - (c) Latitudinal position of the place
  - (d) Revolution of the Earth on a tilted axis
12. Which among the following statements is not correct;
  - (a) Gravity is the strongest natural force
  - (b) Electromagnetism only acts on particles with an electric charge
  - (c) Weak nuclear forces causes radioactivity
  - (d) Strong nuclear force holds protons and neutrons inside the nucleus of an atom
13. Satellites used for telecommunication relay are kept in a geo-stationary orbit. A satellite is said to be in such an orbit when;
  - (i) The orbit is geosynchronous
  - (ii) The orbit is circular
  - (iii) The orbit lies in the plane of the Earth's equator
  - (iv) The orbit is at an altitude of 22,236 km

- Which of the statement(s) given above is/are correct;

  - (a) i, ii & iii
  - (b) i, iii & iv
  - (c) ii & iv
  - (d) All the above
14. Which of the following is not a function of sympathetic nervous system;
  - (a) Increase in blood sugar
  - (b) Rise in blood pressure
  - (c) Decrease in clotting time of blood
  - (d) Constriction of bronchi
15. Which of the following is true about endocrine system;
  - (a) Made from endocrine glands that secrete neurotransmitter
  - (b) Pituitary gland is present at above the heart
  - (c) Hypothalamus controls pituitary gland
  - (d) Thyroid gland secretes testosterone
16. Hypersecretion of glucocorticoids especially cortisol & cortisone causes;
  - (a) Addison's disease
  - (b) Adrenogenital syndrome
  - (c) Cushing's syndrome
  - (d) Testicular feminisation
17. Which of the following diseases can be transmitted from one person to another through tattooing;
  - (a) Chikungunya
  - (b) Hepatitis-B
  - (c) Tuberculosis
  - (d) Typhoid
18. Which one of the following statement is not correct;
  - (a) Milk contains none of the Vitamin-B complex
  - (b) Vitamin-A deficiency leads to dry & scaly skin
  - (c) One of the symptoms of scurvy is pain in the joints
  - (d) Vitamin-B1 deficiency can lead to heart failure
19. What are rubies and sapphires chemically known as;
  - (a) Silicon dioxide
  - (b) Aluminium oxide
  - (c) Lead tetroxide
  - (d) Boron nitride
20. Which one of the following is also called 'Stranger Gas';
  - (a) Argon
  - (b) Neon
  - (c) Xenon
  - (d) Nitrous oxide
21. According to the Constitution of India, which of the following are fundamental for the governance of the country;
  - (a) Fundamental Rights
  - (b) Fundamental Duties
  - (c) Directive Principles
  - (d) (a) & (b)
22. Which among the following factors gave the final blow to the Khilafat Movement;
  - (a) Abrupt suspension of Non-cooperation movement by Gandhiji in 1922
  - (b) Disunity among the Hindus & Muslims
  - (c) Establishment of a pro-Western, secular republic in Turkey
  - (d) Rise of communal elements in Muslim League under the leadership of Jinnah
23. Which one of the following is produced during the formation of photochemical smog;
  - (a) Hydrocarbons
  - (b) Nitrogen Oxides
  - (c) Ozone
  - (d) Methane
24. The principal copper deposits of India lie in which among the following places;
  - (a) Hazaribagh & Singhbhum
  - (b) Khetri & Dariba areas of Rajasthan

- (c) Anantpur in Andhra Pradesh (d) Bilaspur in Chhattisgarh
25. Tropical rain forests appear in which among the following regions;  
 (a) South America, South Africa & Central Europe  
 (b) Central America, parts of Australia & Guinea Coast  
 (c) Congo Basin, Central America & South East Asia  
 (d) North & South of the Congo basin

**Directions (Qs 26-28):** In the following questions, some parts of the sentences have errors and some are correct. Find out which part of a sentence has an error, and blacken the oval corresponding to it-(d) in the answer sheet:

26. I do not know (a)/ whether Balu is equally good (b)/ as Lalu (c) at studies/. No error (d).
27. We shall be obliged (a)/ if you accept our invitation (b)/ to the function (c)/. No error (d).
28. No nation can boast progress (a)/ if it has to import (b)/essential commodities (c)/. No error (d).

**Directions (Qs 29-31):** The sentences given with the blanks are to be filled with appropriate words:

29. The water supply ----- during the hot summer.  
 (a) gave up (b) went off (c) dried up (d) use up
30. As part of widening the road, they ----- all old structures.  
 (a) cut down (b) turned down (c) put down (d) pulled down
31. The teacher asked me to ----- the passage to the whole class.  
 (a) write out (b) read out (c) speak out (d) set out

**Directions (Qn 32):** Out of the four alternatives, choose the word which best expresses the meaning of the given word:

32. SCINTILLATING  
 (a) extraordinary (b) exciting (c) showy (d) touching

**Directions (Qn 33):** out of the four alternatives, choose the word opposite in meaning to the given word:

33. OBSTINATE  
 (a) tough (b) rigid (c) soft (d) pliable

**Directions (Qn 34):** Four words are given in each question, out of which only one word is spelt correctly/wrongly. Find the word spelt correctly/wrongly and mark your answer in the answer sheet:

34. (a) amorphous (b) anonymous (c) Atrocities (d) artillery

**Directions (Qs 35-37):** four alternatives are given for each of the idioms/phrases in **bold** in the sentences given below. Choose the alternative which best expresses the meaning of the idiom/phrase and mark it in the Answer Sheet:

35. She keeps everything in the house in **an apple-pie order**.  
 (a) in a disorderly way (b) in a showy manner  
 (c) in a perfectly neat and orderly way (d) in an untidy manner
36. Iran and Saudi Arabia are **at daggers drawn** over the unrest in Yemen.  
 (a) bitterly hostile (b) extremely cooperative  
 (c) friendly and compromising (d) secretly helping each other
37. He with his quixotic behaviour is **a laughing stock** at social gatherings.  
 (a) an idiotic figure (b) an object of ridicule  
 (c) an acceptable figure (d) an object of dislike

**Directions (Qs 38-42):** In the following questions, a part of the sentence is given in **bold**. Below are given alternatives to the bolded part as (a), (b) and (c), which may improve the sentence. Choose the correct alternative. In case no improvement is needed, your answer is (d). Mark your answer in the Answer sheet:

38. The bank **turned up** my application for a loan.  
 (a) turned away (b) turned off  
 (c) turned down (d) No improvement
39. We are **looking forward to meeting** you again.  
 (a) looking forward to meet (b) looking forward to meet with  
 (c) looking forward to have met (d) No improvement
40. **Few** seats are available, so if you want one, apply now.  
 (a) A few (b) No (c) Hardly any (d) No improvement
41. Scarcely did I reach the station **than** the train arrived.  
 (a) then (b) when (c) where (d) No improvement

42. If the child is six years old, put him **to the school**.  
 (a) for the school (b) to schooling (c) to school (d) No improvement

**Directions (Qs.43-46):** In the following questions, out of the four alternatives given, choose the one which can be a substitute for the phrase/idiom given in *italics*:

43. His house is *at a stone's throw* from the school.  
 (a) in front of (b) far away (c) opposite (d) at a short distance
44. The accused *made a clean breast* of the crime.  
 (a) confessed (b) flatly denied  
 (c) pleaded innocence (d) pretended to be ignorant of
45. His plan to escape to a foreign country *fell through* when he was arrested.  
 (a) was kept as a secret (b) failed  
 (c) was about to be accomplished (d) was known to everyone
46. He was *exhausted* after a long walk.  
 (a) tired (b) hungry (c) enthusiastic (d) happy

**Directions (Qs 47-50):** In these questions, a passage is given with four questions following it. Read the passage carefully and choose the best answer to each question out of the four:

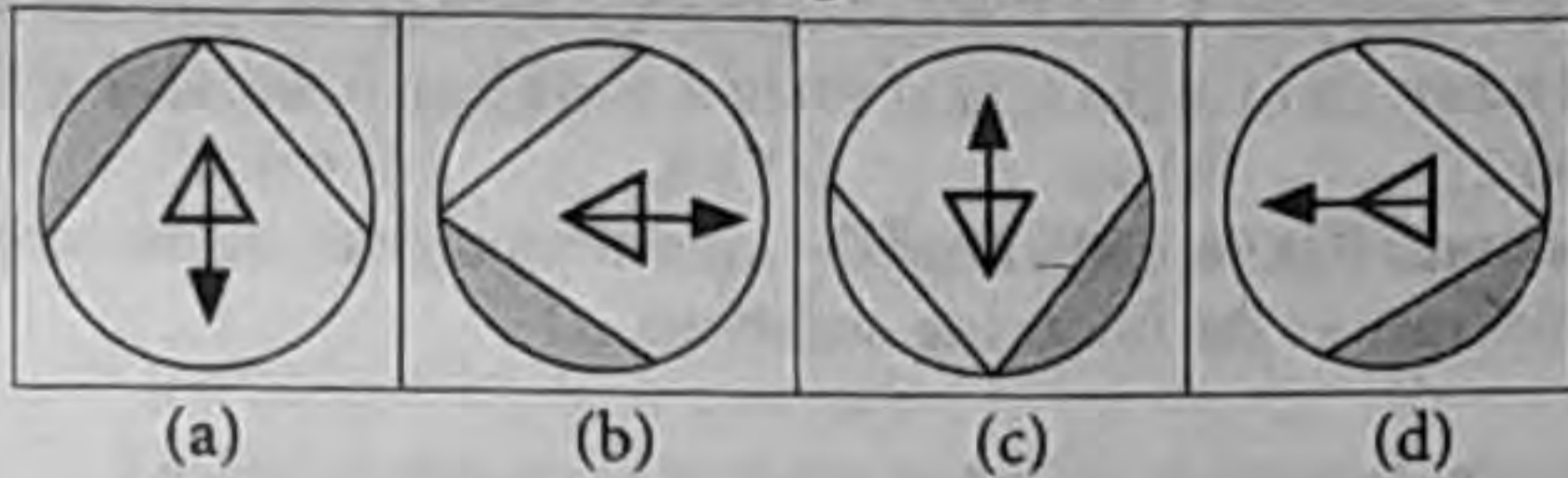
There are in the world some 3,000 different languages and dialects. They did not matter in the Middle Ages, when communications between different parts of the globe were slow and difficult and when, in Europe at least, all educated men spoke Latin. Things have changed completely in our time. While few can now speak Latin, the telegraph and radio have made it possible to talk directly between continents, and a journey which might then have taken several weary months can now be achieved in a few hours by air. It is not surprising, then, that men have increasingly felt the need for a common language, and during the last century various solutions of the problem have been put forward. The first of these was the creation of a completely artificial tongue, quite unconnected with any existing language. Although such a tongue might be difficult for people to learn, it at least had the advantage that everybody started on an equal footing. The second solution was the invention of a synthetic language based on natural languages as Esperanto, Volapuk and Interlingua belong to this category and, since they are related to existing languages, are easier to learn for European speakers. The two remaining solutions to this problem of international language are either to adopt as

world auxiliary some existing language already spoken by a large number of people or peoples (such as French, Spanish or Russian would be suitable), or to create a simplified version of one of these languages, in which the vocabulary and grammatical forms would be reduced to a minimum. An example of this is 'Basic English'.

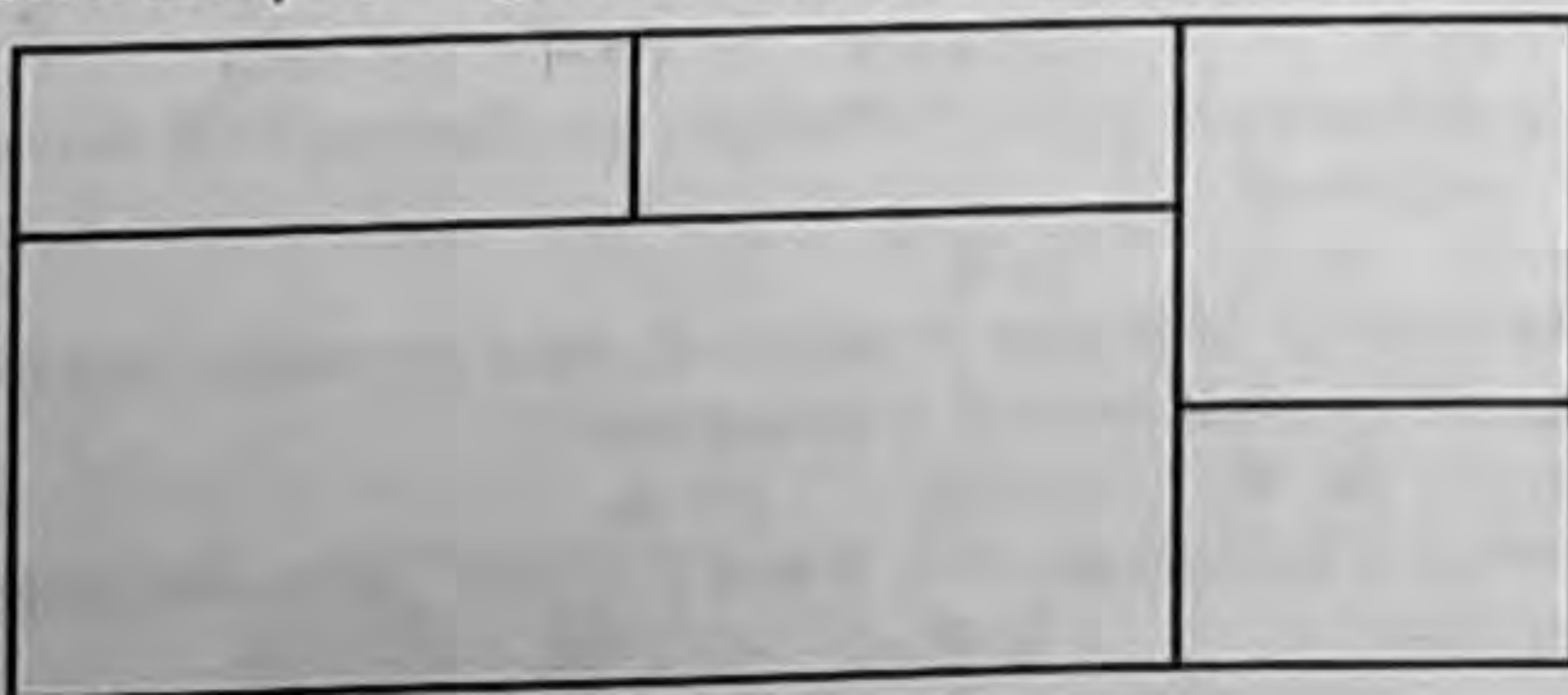
It is most unlikely that the governments of the world will ever formally agree on an international auxiliary language, but meanwhile, whether we like it or not, there are signs that English is gradually becoming accepted as a second language by a majority of people all over the world.

47. In the Middle Ages why wasn't the need for an international language felt?  
 (a) Only Europe had trade relations with rest of the world and they used Latin.  
 (b) Communications between various parts of the globe were slow and difficult and Latin was unknown outside Europe.  
 (c) There was no international trade in the Middle Ages outside Europe.  
 (d) None of these
48. What is the difference between ordinary English and Basic English?  
 (a) Ordinary English is the English used by the educated native English speakers, whereas Basic English is the English used by the speakers of other countries.  
 (b) In Basic English there is no insistence on grammar at all, while ordinary English has complex grammar and structure.  
 (c) Ordinary English is the language used by the people of England, while Basic English is the English language designed for use by non-native.

- (d) Ordinary English is the English with its present complex grammatical forms, while Basic English is the English in which grammatical forms would be reduced to a minimum.
49. What has caused the recent demand for a common language?  
A common language has been found necessary because,  
(a) the world has come together thanks to the radio and the telegraph.  
(b) journey from one place to another can be made very quickly by air.  
(c) the world has come together thanks to science and technology, making travel and communication quick and easy.  
(d) the peoples of the world find pleasure in travelling and interacting.
50. 'On an equal footing' means,  
(a) the same as others (b) of the same size and speed  
(c) no discrimination whatsoever  
(d) having the same advantages and disadvantages as something or somebody else.
51. In a certain language 'oka peru' means 'fine cloths', 'meta lisa' means clear water and 'dona lisa peru' means 'fine clear weather' which word of that language means weather?  
(a) peru (b) oka (c) meta (d) dona
52. Find the odd figure from the given alternatives



53. solid cube is formed with 27 smaller cubes one pair of opposite faces of this cube is painted red, another pair is painted yellow and the third pair of opposite faces is painted white. How many smaller cubes have two faces painted  
(a) 8 (b) 12 (c) 16 (d) 24
54. Five girls are sitting in a row P is to the left of M and to the right of O. R is sitting to the right of N but to the left of O who is sitting in the middle  
(a) O (b) R (c) P (d) M
55. In a row of 16 boys, when Prakash was shifted by two places towards the left, he became 7th from the left end. What was his earlier position from the right end of the row?  
(a) 7th (b) 8th (c) 9th (d) 10th
56. Find the angle between the hour hand and minute hand of a clock when the time is 4:10  
(a)  $65^\circ$  (b)  $35^\circ$  (c)  $125^\circ$  (d)  $60^\circ$
57. If - stands for division, + for multiplication  $\div$  for subtraction, and  $\times$  for addition, then which of the following equation is correct  
(a)  $19+5-4\times 2\div 4 = 11$  (b)  $19\times 5 - 4\div 2+4 = 16$   
(c)  $19\div 5 + 4-2\times 4 = 13$  (d)  $19\div 5 + 4-2\div 4 = 20$
58. Ravi travelled 4 km straight toward South. He turned left and travelled 6 km straight. Then he turned right and travelled 4 km straight How far is he from the starting point  
(a) 8 km (b) 10 km (c) 12 km (d) 18 km
59. How many rectangles are there in the question figure



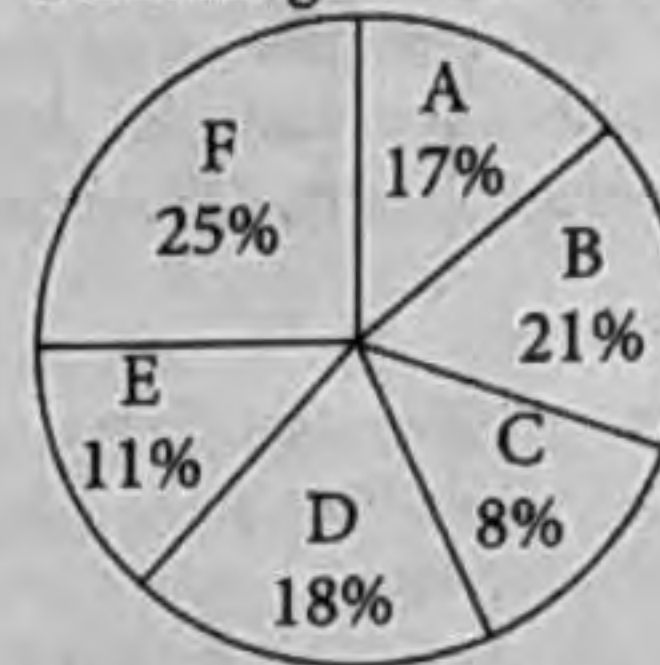
- (a) 6 (b) 7 (c) 8 (d) 9
60. In the following question, there are two statement followed by two conclusions numbered I and II you have to take the two given statements to be true if they seem to be at variance from commonly known facts and decide which of the given conclusions logically follow from the two given statements disregarding commonly known facts. Give answer  
(a) If only conclusion I follows (b) If only conclusion II follows  
(c) If either conclusion I or II follows (d) If neither conclusion I nor II follows (e) If both conclusion I and II follows
- Statements (1) All stars are planets  
(2) All planets are galaxies  
Conclusion I All galaxies are planets  
II All stars are galaxies
61. If blue means green, green means white, white means yellow, yellow means black, black means red and red means brown, then what is the colour of the milk?  
(a) Black (b) white (c) yellow (d) Green
62. Pointing to a lady Simon said, "she is the daughter of the only sister of my father". How is lady related to Simon?  
(a) mother (b) aunt (c) sister (d) cousin-sister
63. How many meaningful English words can be made with the letters DLEI. Using each letter only once in each word.  
(a) one (b) two (c) three (d) four
64. Arrange the following words according to dictionary  
(i) Fenestration (ii) Feather (iii) Feedhead (iv) Feature  
(v) Feminine  
(a) (iv), (ii), (iii), (v), (i) (b) (ii), (iv), (i), (v), (iii)  
(c) (ii), (iv), (iii), (v), (i) (d) (iv), (ii), (iii), (i), (v)
65. Which of the following diagrams best depicts the relationship between males, husbands and doctors
- 
66. In a month of 31 days, third Thursday falls on 16th. What will be the last day of the month?  
(a) 5th Friday (b) 4th Saturday (c) 5th Wednesday (d) 5th Thursday
67. In the following question, select the related word pair from the given alternatives Umpire: Game::  
(a) Prodigy: Wonder (b) Chef: Banquet  
(c) Legislator: Election (d) Moderator: Debate
68. A clock is started at 5 pm. Through how many degrees will the hour hand rotate when the clock shows quarter past 9?  
(a)  $128.5^\circ$  (b)  $142.5^\circ$  (c)  $127.5^\circ$  (d)  $141.5^\circ$
69. Find out the wrong number in the following series  
7, 12, 40, 222, 1742, 17390, 208608  
(a) 12 (b) 40 (c) 222 (d) 1742
70. Find out the next term  
OTE, PUF, QVG, RWH, \_\_\_\_\_  
(a) SYJ (b) TXI (c) SXJ (d) SXI
71. How many pairs of letters are there in these words which have as many letters between them as in the English alphabet CREDIBLE  
(a) none (b) one (c) two (d) four
72. It was Shriram's and Sreedevi's 12th wedding anniversary. Shriram said when we got married, Sreedevi was  $\frac{3}{4}$ th of my age but now she is  $\frac{5}{6}$ th of my age. What actually are their present ages  
(a) Shriram-38yr, Sreedevi-32 yr  
(b) Shriram-36 yr, Sreedevi-30 yr

- (c) Shriram-30 yr, Sreedevi-24 yr  
(d) Shriram-40 yr, Sreedevi-34 yr
73. Complete the series: 11, 23, 48, 99, 202, \_\_\_\_\_  
(a) 268 (b) 407 (c) 368 (d) 409
74. If  $264 \times 2 = 6$ ,  $870 \times 3 = 11$ , then what should  $735 \times 5$  be  
(a) 05 (b) 12 (c) 16 (d) 03
75. Complete the series given below  
b \_ ac \_ cc \_ cb \_ ab \_ ac  
(a) cbaba (b) abbbc (c) bbaac (d) aabba
76. A man sold his watch at a loss of 5%, had he sold it for Rs. 56.25 more he would have gained 10%. What is the cost price of the watch?  
(a) Rs. 370 (b) Rs. 365 (c) Rs. 375 (d) Rs. 390
77. The perimeter of two similar triangles are 30 cm and 20 cm respectively. If one side of the first triangle is 9 cm, determine the corresponding side of the second triangle.  
(a) 13.5 cm (b) 6 cm (c) 5 cm (d) 15 cm
78. In a farm there are cows and hens. If heads are counted there are 180, if legs are counted there are 420. The number of cows in the farm is  
(a) 150 (b) 30 (c) 130 (d) 50
79. In an election between two candidates, one got 72% of the total valid votes. 25% of the total votes are invalid. If total votes are 8200, what is the number of valid votes the other person got  
(a) 1835 (b) 1722 (c) 2050 (d) 4428
80. If  $\frac{p^2}{q^2} + \frac{q^2}{p^2} = 1$ , then what is the value of  $p^6 + q^6$ ?  
(a) 0 (b) 1 (c) 2 (d) 3
81. The simple interest accrued on a sum of certain principal is Rs. 2000 in five years at the rate of 4% per annum. What would be the compound interest accrued on same principle at same rate in two years?  
(a) Rs. 716 (b) Rs. 724 (c) Rs. 824 (d) Rs. 816
82. How many seconds will a 500 m long train take to cross a man walking with a speed of 3 km/hr in the direction of the moving train, if the speed of the train is 63 km/hr.  
(a) 25 sec (b) 30 sec (c) 40 sec (d) 45 sec
83. If  $\theta$  is an acute angle and  $\tan^2 \theta + \frac{1}{\tan^2 \theta} = 2$ , then the value of  $\theta$  is  
(a)  $45^\circ$  (b)  $30^\circ$  (c)  $60^\circ$  (d)  $15^\circ$
84. Probability of getting a multiple of 2 on one dice and a multiple of 3 on the other dice; when both dice are thrown simultaneously is  
(a)  $\frac{1}{6}$  (b)  $\frac{5}{12}$  (c)  $\frac{11}{36}$  (d)  $\frac{5}{36}$
85. If the angle of elevation of a tower from a distance 100 m from its foot is  $30^\circ$ ; then the height of the tower is  
(a)  $\frac{100}{\sqrt{3}}$  m (b)  $100\sqrt{3}$  m (c)  $\frac{50}{\sqrt{3}}$  m (d)  $50\sqrt{3}$  m
86. There are 5 red balls, 4 yellow balls and 3 green balls in a basket. If 3 balls are drawn at random what is the probability that at least 2 of them are green in colour?  
(a)  $\frac{1}{11}$  (b)  $\frac{3}{11}$  (c)  $\frac{11}{55}$  (d)  $\frac{7}{55}$
87. Walking at  $\frac{6}{7}$ th of his usual speed a man is 25 min late. His usual time to cover this distance is  
(a) 2 hr 30 min (b) 2 hr 15 min (c) 2 hr 25 min (d) 2 hr 10 min
88. A and B can complete a piece of work in 18 days, B and C in 24 days, A and C in 36 days. In how many days will all of them together complete the work  
(a) 16 days (b) 15 days (c) 12 days (d) 10 days
89. Find the value of  $\frac{\sqrt{80} - \sqrt{112}}{\sqrt{45} - \sqrt{63}}$

- (a)  $\frac{3}{4}$  (b)  $1\frac{3}{4}$  (c)  $1\frac{1}{3}$  (d)  $1\frac{7}{9}$

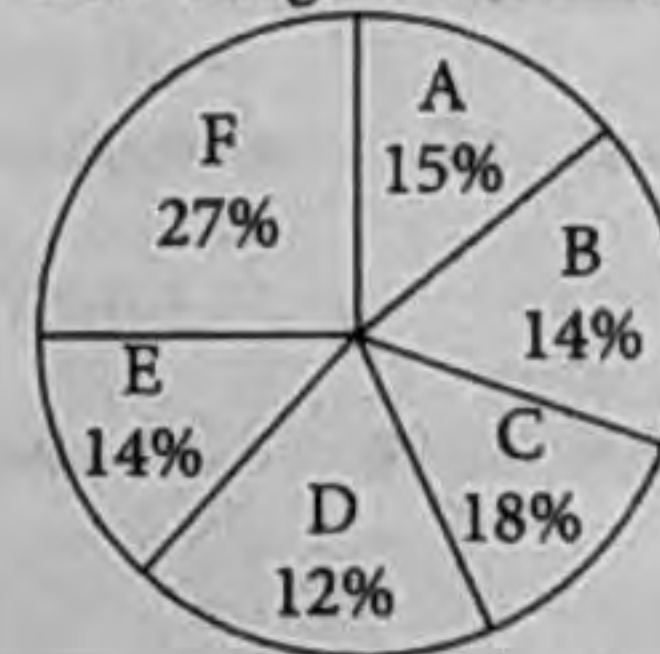
90. The income of A, B and C are in the ratio 7 : 9 : 12 and their spendings are in the ratio 8:9:15. If A saves  $\frac{1}{4}$ th of his income, then the savings A, B and C are in the ratio  
(a) 69:56:48 (b) 47:74:99 (c) 37:72:49 (d) 56:99:69
91. If the ratio of volumes of two cones is 2:3 and the ratio of the radii of their bases is 1:2 then the ratio of their heights will be  
(a) 3:8 (b) 8:3 (c) 3:4 (d) 4:3
92. Simplify  $\sqrt{1 + \left(\frac{x^4-1}{-2x^2}\right)^2}$   
(a)  $\frac{x^4+1}{2x^2}$  (b)  $\frac{\sqrt{x^2+1}}{2x^2}$  (c)  $\frac{x^4+2x^2-1}{2x^2}$  (d)  $\frac{x^4-1}{2x^2}$
93. A large cube is formed by melting three smaller cubes of sides 3 cm, 4cm and 5 cm what is the ratio of the total surface areas of the small cubes and the larger cube  
(a) 2:1 (b) 3:2 (c) 25:18 (d) 27:20
94. In an examination, minimum passing percentage for girls and boys is 35% and 40% respectively. A boy scored 483 marks and failed by 117 marks. What are the minimum passing marks for girls  
(a) 425 (b) 520 (c) 500 (d) 525
95. Two numbers A and B are such that the sum of 5% of A and 4% of B is two-third of the sum of 6% of A and 8% of B the ratio of A:B is  
(a) 2:3 (b) 3:2 (c) 3:4 (d) 4:3
- Directions: (Qs 96-100):** Read the information given below carefully and answer the following questions

Percentage of six different types of garments in Store I



Total Number of Garments in Store I is 12600

Percentage of six different types of garments in Store II



96. The total number of D and A type garments in store I is approximately double the number of which type of garments in store II?  
(a) F (b) A (c) E (d) B
97. What is the total number of C type garments in both the stores together?  
(a) 2610 (b) 3276 (c) 1008 (d) 3618
98. The difference in number of which type of garments in two stores is maximum?  
(a) E (b) D (c) B (d) C
99. The number of D type garments in store I is more than that in store II by what percent approximately?  
(a) 25 (b) 30 (c) 40 (d) 20
100. What is the average of A, B and C type of garments in store I?  
(a) 2016 (b) 4126 (c) 1932 (d) 1028