1. Who among the following was honoured with Ustad Bismillah Khan Yuva Puraskar in dance category on September 7, 2013 ?
   (1) Rahul Sharma
   (2) Namrata Pamnani
   (3) Pabitra Rabha
   (4) Vidya Kolyur

2. Which one of the following is an example for Non-Banking Financial institution ?
   (1) RBI   (2) SBI
   (3) IOB   (4) LIC

3. Which one of the following is the most appropriate reason for Inequalities in Income ?
   (1) Racial factors
   (2) Lack of opportunities
   (3) Inheritance from family Environment
   (4) Differences in Ability

4. The Finance Commission in India is appointed by
   (1) Prime Minister of India
   (2) President of India
   (3) Chairman of Rajya Sabha
   (4) Speaker of Lok Sabha

5. By which Constitutional Amendment Bill, did the Parliament lower the voting age from 21 to 18 years?
   (1) 42nd   (2) 44th
   (3) 61st   (4) 73rd

6. An electoral system under which a legislature reflects the strength of the various political parties is called
   (1) Proportional representation
   (2) Direct election style
   (3) Gallup Poll
   (4) Gerrymandering

7. Dual citizenship is an important feature in which form of government ?
   (1) Parliamentary
   (2) Federal
   (3) Unitary
   (4) Authoritarian

8. What is the time limit given to Parliament to pass the ordinance promulgated by the President of India ?
   (1) 6 days
   (2) 6 weeks
   (3) 6 months
   (4) 6 months and six weeks

9. The Estimate Committee consists of
   (1) 30 members from Lok Sabha
   (2) 30 members from Rajya Sabha
   (3) 30 members from both Sabha
   (4) 22 members from Lok Sabha

10. The Speaker of Lok Sabha is elected by
    (1) all the members of Parliament
    (2) the people directly
    (3) all the members of Lok Sabha
    (4) the members of the majority party in the Lok Sabha

11. The first grammarian of the Sanskrit language was
    (1) Kalhana   (2) Maitreyi
    (3) Kalidasa   (4) Panini

12. The famous poet Kalidasa lived in the court of
    (1) Chandra Gupta I
    (2) Samudra Gupta
    (3) Kumara Gupta
    (4) Chandra Gupta II

13. Rajatarangini was written by
    (1) Kalhana
    (2) Alberuni
    (3) Harsha Vardhana
    (4) Kautilya

14. Who is regarded as the second Alexander?
    (1) Jalal-ud-din Khilji
    (2) Mubarak Khilji
    (3) Khusru Khan
    (4) Ala-ud-din Khilji

15. Siddarth and Murali go for jogging from the same point. Siddarth goes towards the east covering 4 kms. Murali proceeds towards the West for 3 kms. Siddarth turns left and covers 4 kms and Murali turns to the right to cover 4 kms. Now what will be the distance between Siddarth and Murali ?
    (1) 14 kms.   (2) 6 kms.
    (3) 8 kms.   (4) 7 kms.

16. A starts from a point and walks 5 kms north, then turns left and walks 3 kms. Then again turns left and walks 5 kms. Point out the direction in which he is going now.
    (1) North   (2) South
    (3) East   (4) West

17. The age of Shyam is $\frac{1}{3}$rd that of his mother. He is 2 years older than his sister. The age of his sister is 8 years, what is the age of his mother ?
    (1) 25 years   (2) 60 years
    (3) 48 years   (4) 30 years

18. A is D's brother. D is B's father. B and C are sisters. How is A related to C ?
    (1) Son   (2) Grandson
    (3) Father   (4) Uncle

19. P, Q, R and T answered an Examination. In the results Q was immediately followed by 'P' but no one was there after 'P'. 'R' was ahead of 'Q' but could not score as much as 'T'. Who scored the second highest ?
    (1) P   (2) Q
    (3) R   (4) T

20. Read the following information carefully and answer the questions given below :
    (1) A, B, C, D, E and F are members of a club.
    (2) There is one married couple in the group.

(3) D is the only married female in the group.

(4) A and C are two ladies.

(5) F is brother of A and is not married.

(6) E is the sister of F.

How many female members are there in the club ?

(1) 2   (2) 3

(3) 4   (4) 5

21. Find the missing number from the given responses.

9	3	7
12	2	9
13	5	?
1404	30	504

(1) 5   (b) 8

(3) 15   (d) 56

22. Two statements are given followed by two Inferences I and II. You have to consider the two statements to be true, even if they seem to be at variance from commonly known facts. You are to decide which of the given conclusions can definitely be drawn from the given statements. Indicate your answer.

Statements :

A. All girls are proud.

B. All proud will be humiliated one day.

Inferences :

I. All girls will be humiliated one day.

II. Some girls will be humiliated one day.

(1) Only I follows

(2) Only II follows

(3) Both I & II follow

(4) Neither of them follows

23. Which one set of letters when sequentially placed at the gaps in the given letter series shall complete it ?

_ _ a a b _ a _ a _ b a

(1) bbaab   (2) aaabb

(3) ababa   (4) babab

24. A series is given with one term missing. Choose the correct alternative from the given ones that will complete the series :

T, R, P, N, L, ?, ?

(1) J, G   (2) K, I

(3) J, H   (d) K, H

25. The largest delta of the world is

(1) Sunderbans

(2) Amazon Basin

(3) Greenland

(4) Congo Basin

26. The canal which links Atlantic Ocean with Pacific Ocean is

(1) Suez   (2) Malacca

(3) Panama   (4) Gibralter

27. Which of the following is not a natural disaster?

(1) Earthquakes

(2) Floods

(3) Nuclear Explosion

(4) Volcanic Explosion

28. Which of the following is the highest peak in undisputed Indian territory ?

(1) Mount Everest

(2) Kanchenjunga

(3) Nanda Devi

(4) Nanga Parbat

29. Which of the following rivers is not the tributary of Ganga?

(1) Indrawati   (2) Son

(3) Gomati   (4) Yamuna

30. The main function of insulin in the human body is

(1) to maintain blood pressure

(2) to help in digestion of food

(3) to control the level of sugar in the body

(4) to check the level of iodine in the body

31. Plants which flower only once in their life time are known as

(1) polycarpic

(2) monocarpic

(3) monogamous

(4) monogeneric

32. The larvae of cockroach is called

(1) Caterpillar   (2) Nymph

(3) Maggot   (4) Grub

33. If cream is removed from milk, its density

(1) Increases

(2) Decreases

(3) Remains the same

(4) May increase or decrease

34. In which of the following animals, is open circulatory system found?

(1) Prawn   (2) Earthworm

(3) Toad   (4) Man

35. Blood fails to clot white flowing in the blood vessel because of the presence of

(1) Heparin

(2) Prothrombin

(3) Haemoglobin

(4) Hirudin

36. Convex mirrors are used as a rear view mirror in motor cycles because

(1) it forms real image

(2) it forms erect (upright) image

(3) it forms smaller image as compared with object

(4) All of the above

37. The wall of a dam is made thicker at the bottom than at the top because the pressure exerted by the water on the wall
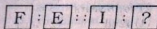
(1) depends on the thickness of the wall

(2) increases with height of the wall

(3) increases with depth of the wall

(4) depends on the area of the wall

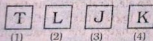**38.** Full form of CFL used in place of electric bulbs is

(1) compact fluorescent lamp

(2) constantan filament lamp

(3) closed filament lamp

(4) closed fluorescent lamp

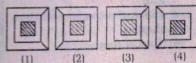**39.** Select the related figure from the given alternatives :

Question Figures

F : E : I : ?

Answer Figures

T   L   J   K

(1)   (2)   (3)   (4)

40. Select the related figure from the given alternatives :

Question Figures

Answer Figures

(1)   (2)   (3)   (4)

41. If E = 5, RED = 27, then DANCE = ?
(1) 26 (2) 28
(3) 27 (1) 25

42. If the word 'EARTH' be written as 'QPMZS' in coded words, how can 'HEART' be written following the same coding ?
(1) SQMPZ (2) SQPZM
(3) SQPMZ (4) SPQZM

43. If 'BE QUICK' is coded as 'ZC OSGAI', then the code of last letter of third word in the sentence 'I LOVE MY COUNTRY' is ?
(1) W (2) U
(3) T (4) A

44. A translator for the assembly language to machine language is
(1) assembler (2) compiler
(3) interpreter (4) linker

45. Where is India's super computer 'PARAM' located ?
(1) Chennai (2) Pune
(3) Bengaluru (4) Kolkata

46. Expansion of RDBMS is
(1) Repairable Database Management System
(2) Relational Database Management System
(3) Relational Database Memory System
(4) Recurring Database Memory System

47. The lightest radioactive element is
(1) deuterium (2) polonium
(3) tritium (4) uranium

48. The chemical used in developing photographic films is
(1) silver bromide
(2) hypo
(3) sodium sulphate
(4) hydroquinone

49. A mixture of water and alcohol can be separated by
(1) Filtration
(2) Evaporation
(3) Decantation
(4) Distillation

50. Acid rain is caused due to pollution of atmosphere by
(1) oxides of carbon and nitrogen
(2) oxides of nitrogen and sulphur
(3) oxides of nitrogen and phosphorous
(4) None of these

51. The addition made to the total cost when the production of a good is increased by one unit is
(1) average cost
(2) marginal cost
(3) total cost
(4) implicit cost

52. The policy which relates to government spending, taxing and borrowing is called
(1) Fiscal policy
(2) Monetary policy
(3) Bank policy
(4) Tax policy

53. Net national product at market prices is also called as
(1) National income
(2) Gross domestic product
(3) Personal income
(4) Per capita income

54. The main factor for the accelerated growth of population in India is
(1) Low birth rate and low death rate
(2) A high birth rate and a falling death rate
(3) A rising birth rate and a rising death rate
(4) A high birth rate and a high death rate

55. During which period the salaries of the central government employees can be reduced ?
(1) National emergency
(2) State emergency
(3) Financial emergency
(4) None of these

56. Who among the following occupied top position in the Forbes magazine's highest earning celebrities list for 2013, released in August 2013 ?
(1) Madonna
(2) Steven Spielberg
(3) Simon Cowell
(4) EL James

57. The real executive powers of state is exercised by
(1) Chief Minister
(2) Council of Ministers
(3) Governor
(4) Chief Justice of High Court

58. The price of rice is reduced by 2%. How many kilograms of rice can now be bought for the money which was sufficient to buy 49 kg of rice earlier ?
(1) 48 kg. (2) 49 kg.
(3) 50 kg. (4) 51 kg.

59. A batsman scored 110 runs which included 3 boundaries and 8 sixes. What per cent of his total score, did he make by running between the wickets ?
(1) 45% (2) $45\frac{5}{11}$%
(3) $54\frac{6}{11}$% (4) 55%

60. In an examination, 52% students failed in Hindi and 42% in English. If 17% failed in both the subjects, what percentage of students passed in both the subjects ?
(1) 38% (2) 33%
(3) 23% (4) 18%

61. The least number, which must be added to 6709 to make it exactly divisible by 9, is
(1) 5 (4) 4
(3) 7 (4) 2

62. $\frac{10.3 \times 10.3 \times 10.3 + 1}{10.3 \times 10.3 - 10.3 + 1}$ is equal to
(1) 9.3 (2) 10.3
(3) 11.3 (4) 12.3

63. The greatest number, that divides 122 and 243 leaving respectively 2 and 3 as remainders, is
(1) 12 (2) 24
(3) 30 (4) 120

64. The average of runs of a cricket player of 10 innings was 32. How many runs must he make in his next innings so as to increase his average of runs by 4 ?
(1) 76 (2) 70
(3) 4 (4) 2

65. The total number of integers between 100 and 200, which are divisible by both 9 and 6, is
(1) 5 (2) 6
(3) 7 (4) 8

66. The area of a field in the shape of a trapezium measures 1440 m². The perpendicular distance between its parallel sides is 24 m. If the ratio of the parallel sides is 5 : 3, the length of the longer parallel side is

(1) 75 m   (2) 45 m

(3) 120 m   (4) 60 m

67. A cube of edge 5 cm. is cut into cubes each of edge of 1 cm. The ratio of the total surface area of one of the small cubes to that of the large cube is equal to

(1) 1 : 125   (2) 1 : 5

(3) 1 : 625   (4) 1 : 25

68. Suffrage means

(1) Enacting such laws causing suffering

(2) Right to vote

(3) Right to vote to the rich

(4) Right to vote only poor

69. The judges of the High Court can be removed from their office before the expiry of their term on the 'grounds of proved misbehaviours or incapacity by the

(1) Chief Justice of India

(2) Chief Justice of the High Court

(3) President on the recommendations of the two Houses of the Parliament

(4) Both Houses of the Parliament with special majority

70. Protection of interests of minorities is envisaged in Article

(1) 14   (2) 19

(3) 29   (4) 32

71. The Cabinet Mission was sent to India

(1) to establish a national government

(2) to work out a constitutional arrangement for the transfer of power

(3) to accept Jinnah's demand for Pakistan

(4) to refuse to give freedom to India

72. Who is the oldest British monarch to sit on the Throne?

(1) Queen Victoria

(2) Queen Elizabeth II

(3) Queen Mary Tudor

(4) Queen Anne

73. The Khilafat Movement was launched to protest against the humiliation of

(1) The Turkish Caliph

(2) Aga Khan

(3) Muhammad Ali Jinnah

(4) Abul Kalam Azad

74. Who among the following founded the All India Muslim League?

(1) Syed Ahmed Khan

(2) Muhammad Ali

(3) Aga Khan

(4) Hamid Ali Khan

75. The first Satyagraha of Gandhiji for the cause of indigo farmers was observed at

(1) Champaran

(2) Chauri-Chaura

(3) Bardoli

(4) Sabarmati

76. Where is the doldrums belt located?

(1) Near the equator

(2) Near the polar area

(3) On the Tropic of Cancer

(4) On the Tropic of Capricorn

77. Which river flows between the Satpuras and the Vindhyas?

(1) Godavari   (2) Gandak

(3) Tapti   (4) Narmada

78. Which of the following storms struck Bangladesh in November 2007?

(1) Dean   (2) Wutip

(3) Sidr   (4) None of these

79. Mumbai High Oil Fields are located on the

(1) Continental Shelf of the Arabian Sea

(2) West coastal plain

(3) Western Ghats

(4) Interior part of the Deccan

80. Palghat joins which of the following states?

(1) Sikkim and West Bengal

(2) Maharashtra and Gujarat

(3) Kerala and Tamil Nadu

(4) Arunachal Pradesh and Sikkim

81. In sea, plants are restricted up to the depth of

(1) 20 m   (2) 200 m

(3) 1000 m   (4) 2000 m

82. The fur of the animals living in colder regions

(1) protects them from water

(2) traps the air and keeps them warm

(3) protects them from enemies

(4) makes them appear beautiful

83. A sum of money at simple interest amounts to Rs. 1,012 in $2\frac{1}{2}$ years and to Rs. 1,067.20 in 4 years. The rate of interest per annum is

(1) 2.5%   (2) 3%

(3) 4%   (4) 5%

84. A barrel contains a mixture of wine and water in the ratio 3 : 1. How much fraction of the mixture must be drawn off and substituted by water so that the ratio of wine and water in the resultant mixture in the barrel comes 1 : 1?

(1) $\frac{1}{4}$ (2) $\frac{1}{3}$

(3) $\frac{3}{4}$ (4) $\frac{2}{3}$

85. Rs. 750 are divided among A, B and C in such a manner that A : B = 5 : 2 and B : C = 7 : 13. What is A's share?

(1) Rs. 350   (2) Rs. 260

(3) Rs. 140   (4) Rs. 250

86. A truck covers a distance of 550 metres in 1 minute whereas a bus covers a distance of 33 kms in 45 minutes. The ratio of their speeds is

(1) 4 : 3   (2) 3 : 5

(3) 3 : 4   (4) 50 : 3

87. The price of an article was increased by r%. Later the new price was decreased by r%. If the latest price was Re.1, then the original price was

(1) Re.1

(2) Rs. $\frac{1 - r^2}{100}$

(3) Rs. $\frac{\sqrt{1 - r^2}}{100}$

(4) Rs. $\left(\frac{10000}{10000 - r^2} \right)$

88. Humus is a type of

(1) fossil seen on the rocks

(2) decaying organic matters in soil

(3) fertilizers applied in soil

(4) special growth found in plants

89. The lockjaw is a pathological condition of
    (1) Diphtheria
    (2) Polio
    (3) Paralysis
    (4) Tetanus

90. Which of the following amphibians lacks tongue ?
    (1) Sphenodon
    (2) Salamander
    (3) Ichthyophis
    (4) Necturus

91. Which one of the following organs converts glycogen into glucose and purifies the blood?
    (1) Liver   (2) Kidney
    (3) Lungs   (4) Spleen

92. Indicate the false statement about the resistance of a wire
    (1) it depends on material of wire
    (2) it is directly proportional to the length of wire
    (3) it is directly proportional to the area of cross-section of wire
    (4) resistance of metallic wire increases with increase in temperature

93. Which electromagnetic radiation is used for satellite communication?
    (1) Ultraviolet
    (2) Infrared
    (3) Microwave
    (4) Millimeter wave

94. Solar cells work on the principle of
    (3) photovoltaic effect
    (2) photoelectric effect
    (3) photoconductive effect
    (4) photosynthesis

95. _____ is a program that places programs into memory and prepares them for execution.
    (1) Assembler
    (2) Compiler
    (3) Loader
    (4) Macro processor

96. Programs stored in a ROM are called
    (1) Software
    (2) Freeware
    (3) Firmware
    (4) None of these

97. A bug in a programme is a/an
    (1) Statement
    (2) Error
    (3) Syntax
    (4) Both (2) and (3)

98. An element that does not occur in nature but can be produced artificially is
    (1) thorium
    (2) radium
    (3) plutonium
    (4) uranium

99. Chloroform can be used as
    (1) Analgesic
    (2) Anaesthetic
    (3) Antimalarial
    (4) Antibiotic

100. The manufacture of iron from iron ore involves the process of
    (1) oxidation
    (2) reduction
    (3) fractional distillation
    (4) electrolysis