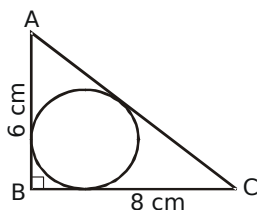# QUANTITATIVE APTITUDE & DATA INTERPRETATION
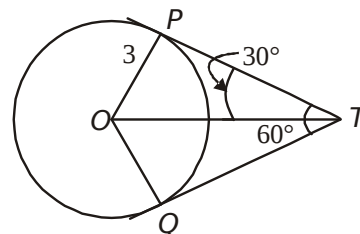
1. How many different letter arrangements can be made from the letter of the word EXTRA in such a way that the vowels are always together?

(a) 48　　　　　　　(b) 60

(c) 40　　　　　　　(d) 30

2. The radius of the incircle in the given diagram will be

(a) 1.8 cm　　　　　(b) 2 cm

(c) 2.5 cm　　　　　(d) 3.6 cm

3. If tan sin m and tan sin n, then the value of $m^2 - n^2$ is equal to

(a) $4mn$　　　　　(b) $2\sqrt{mn}$

(c) $4\sqrt{mn}$　　　　(d) $2\sqrt{mn}$

4. If A and B are two mutually exclusive and exhaustive events with $P(B) = 3P(A)$, then what is the value of $P\bar{B}$?

(a) 3/4　　　　　　(b) 1/4

(c) 1/3　　　　　　(d) 2/3

5. A and B entered into a partnership investing `16,000 and `12,000 respectively. After 3 months, A withdrew `5000 while B invested `5000 more. After 3 more months, C joins the business with a capital of `21,000. The share of B exceeds that of C, out of a total profit of `26,400 after one after by:

(a) ` 2400　　　　　(b) `3000

(c) ` 3600　　　　　(d) `4800

6. An aeroplane takes off 30 minutes later than the scheduled time and in order to reach its destination 1500 km away in time, it has to increase its speed by 250 km/h from its usual speed. Find its usual speed.

(a) 1000 km/h　　　　(b) 750 km/h

(c) 850 km/h　　　　(d) 650 km/h

7. What smallest number should be added to 4456 so that the sum is completely divisible by 6?

(a) 4　　　　　　　(b) 3

(c) 2　　　　　　　(d) 1

8. If two tangents inclined at an angle 60° are drawn to a circle of radius 3 cm, then length of each tangent is equal to
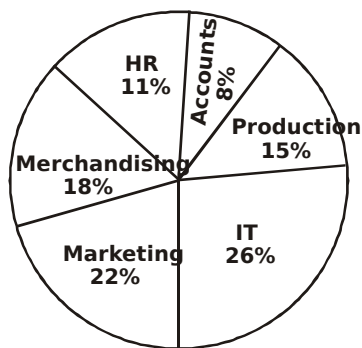

(a) $\dfrac{3}{2}\sqrt{2}$ cm　　　(b) 6 cm

(c) 3 cm　　　　　　(d) $3\sqrt{3}$ cm

9. Find the value of $\log_{3^2} 5^4 \times \log_{5^2} 3^4$.

(a) 5　　　　　　　(b) 3

(c) 4　　　　　　　(d) 2

10. Find the value of 1% of 1% of 25% of 1000 is

(a) .025　　　　　　(b) .0025

(c) .25　　　　　　(d) .000025

11. C is the mid-point of PQ, if P is $(4, x)$, C is $(y, -1)$ and Q is $(-2, 4)$, then x and y respectively are

(a) − 6 and 1　　　　(b) − 6 and 2

(c) 6 and − 1　　　　(d) 6 and − 2

12. In a given race the odds in favour of three horses A, B, C are 1 : 3; 1 : 4; 1 : 5 respectively. Assuming that dead head is impossible the probability that one of them wins is

(a) $\dfrac{7}{60}$　　　　　　(b) $\dfrac{37}{60}$

(c) $\dfrac{1}{5}$　　　　　　(d) $\dfrac{1}{8}$

13. A and B rent a pasture for 10 months; A puts in 80 cows for 7 months. How many can B put in for the remaining 3 months, if he pays half as much again as A?
(a) 120 (b) 180
(c) 200 (d) 280

14. A property dealer sells a house for ` 6,30,000 and in the bargain makes a profit of 5%. Had he sold it for ` 5,00,000, then what percentage of loss or gain he would have made?

(a) $2\frac{1}{4}$% gain (b) 10% loss

(c) $12\frac{1}{2}$% loss (d) $16\frac{2}{3}$% loss

15. The average of 11 numbers is 10.9. If the average of the first six numbers is 10.5 and that of the last six numbers is 11.4, then the middle number is :
(a) 11.5 (b) 11.4
(c) 11.3 (d) 11.0

16. A can do a piece of work in 25 days and B in 20 days. They work together for 5 days and then A goes away. In how many days will B finish the remaining work ?
(a) 17 days (b) 11 days
(c) 10 days (d) 15 days

17. At a simple interest ` 800 becomes ` 956 in three years. If the interest rate, is increased by 3%, how much would ` 800 become in three years?
(a) ` 1020.80  (b) ` 1004
(c) ` 1028 (d) Data inadequate

18. The jogging track in a sports complex is 726 metres in circumference. Pradeep and his wife start from the same point and walk in opposite directions at 4.5 km/h and 3.75 km/h, respectively. They will meet for the first time in
(a) 5.5 min (b) 6.0 min
(c) 5.28 min (d) 4.9 min

19. What number must be added to the expression $16a^2 - 12a$ to make it a perfect square?
(a) 9/4 (b) 11/2
(c) 13/2 (d) 16

20. The monthly salaries of A and B together amount to ` 40,000. A spends 85% of his salary and B, 95% of his salary. If now their savings are the same, then the salary (in `) of A is
(a) 10,000 (b) 12,000
(c) 16,000 (d) 18,000

21. The difference of two numbers is 1365. On dividing the larger number by the smaller, we get 6 as quotient and 15 as remainder. What is the smaller number ?
(a) 240 (b) 270
(c) 295 (d) 360

(a) 65 (b) 25
(c) 45 (d) 60

23. A bag contains 5 white and 3 black balls, and 4 are successively drawn out and not replaced. What's the chance of getting different colours alternately?

(a) $\frac{1}{6}$ (b) $\frac{1}{5}$

(c) $\frac{1}{4}$ (d) $\frac{1}{7}$

24. What is the value of x in the following expression?
$x + \log_{10} (1 + 2^x) = x \log_{10} 5 + \log_{10} 6.$
(a) 1 (b) 0
(c) -1 (d) 3

25. Which of the following functions is an odd function?
(a) $2^{-x.x}$ (b) $2^{x-x.x.x.x}$
(c) Both (a) and (b) (d) Neither (a) nor (b)

26. The cost of the paint is ` 36.50 per kg. If 1 kg of paint covers 16 square feet, how much will it cost to paint outside of a cube having 8 feet each side?
(a) ` 692  (b) ` 768
(c) ` 876  (d) ` 972

27. A horse take 2½ seconds to complete a round around a circular field. If the speed of the horse was 66 m/sec, then the radius of the field is,

[Given $\frac{22}{7}$]
(a) 25.62 m (b) 26.52 m
(c) 25.26 m (d) 26.25 m

28. One litre of water is evaporated from 6 litres of a solution containing 5% salt. The percetange of salt in the remaining solution is

(a) $4\frac{4}{9}$% (b) $5\frac{5}{7}$%
(c) 5% (d) 6%

29. The last two-digits in the multiplication
122 123 125 127 129 will be
(a) 20 (b) 50
(c) 30 (d) 40

30. If the numerator of a fraction is increased by 200% and the denominator is increased by 200%, then resultant fraction is $2\frac{4}{5}$. What is the original fraction?

32. On a journey across Kolkata, a taxi averages 40 kmph for 60% of distance, 30 kmph for 20% of the distance, and 10 kmph for the remainder. The average speed of the whole journey is

(a) 25 kmph   (b) 26 kmph

(c) 24 kmph   (d) 30 kmph

33. Two numbers are such that the square of greater number is 504 less than 8 times the square of the other. If the numbers are in the ratio 3 : 4. Find the number.

(a) 15 and 20   (b) 6 and 8

(c) 12 and 16   (d) 9 and 12

34. A bag contains 100 tickets numbered 1, 2, 3, ... 100. If a ticket is drawn out of it at random, what is the probability that the ticket drawn has the digit 2 appearing on it?

(a) 21/100   (b) 19/100

(c) 32/100   (d) 23/100

35. A train passes a station platform in 36 seconds and a man standing on the platform in 20 seconds. If the speed of the train is 54 km/h, then find the length of the platform.

(a) 225 m   (b) 235 m

(c) 230 m   (d) 240 m

DIRECTIONS (Qs.36-40): S*tudy the pie chart and table carefully to answer the questions that below.*

Number of emplyees working in various departments of an organization and the ratio of men to women in the same

HR 11%
Accounts 8%
Production 15%
Merchandising 18%
Marketing 22%
IT 26%

Total number of Employees = 4600
Ratio of men to women

Departments	Men	Women
HR	1	1
Accounts	3	1
Production	3	2
IT	1	3

38. What is the ratio of the total number of men to the total number of women working in all the departments together ?

(a) 63 : 41   (b) 41 : 27

(c) 53 : 47   (d) 27 : 19

39. The number of women in the merchandising department forms what per cent of the total number of employees in the organization ?

(a) 3%   (b) 6%

(c) 1%   (d) 12%

40. What is the ratio of the number of men in the production department to the number of men in the marketing department ?

(a) 7 : 3   (b) 9 : 11

(c) 13 : 7   (d) 11 : 9

LOGICAL REASONING

DIRECTION (Qs. 41-42) : *In each of the following question, there are two words / set of letters / numbers to the left :: which are connected in some way. The same relation obtains between the third words / set of letters / numbers one of the four alternatives under it. Find the correct in each question.*

41. DRIVEN : EIDRVN :: BEGUM : ?

(a) EUBGM   (b) MGBEU

(c) BGMEU   (d) UEBGM

42. Shout : Whisper :: Run : ?

(a) Stay   (b) Stand

(c) Walk   (d) Hop

DIRECTIONS (Qs. 43) *Question below has a three statement followed by four conclusions numbered I, II, III and IV. have to consider every given statement as true, even conform to the well known facts. Read the conclusion decide which of the conclusions can be logically deri*

43. Statements

I. Some toys are pens.

II. Some pens are papers.

III. Some papers are black.

Conclusions

I. Some toys are black.

II. No pen is black.

III. No toy is black.

IV. Some pens are black.

(a) None follows

45. At what time between 9 PM and 10 PM minute hand and hour hand will be opposite to each other?

(a) $9:15\dfrac{4}{11}$ (b) $9:16\dfrac{4}{11}$

(c) $9:12\dfrac{4}{11}$ (d) None of these

DIRECTIONS (Qs. 46) : *Read the following information and answer the questions given below it :*

'A + B' means 'A is the daughter of B';

'A × B' means 'A is the son of B';

'A – B' means 'A is the wife of B';

46. If P × Q – S, which of the following is true ?
   - (a) S is wife of Q.
   - (b) S is father of P.
   - (c) P is daughter of Q.
   - (d) Q is father of P.
   - (e) None of these

DIRECTIONS (Qs. 47 - 50): *Read the following information and answer the question that follow:*

In a school students at Pioneer career Kolkata wrote Mock test which has three subjects DI, VA and QA, here is the result of these students.

80 students cleared cut off in DI, 70 in VA and 60 in QA.

Only 40 students cleared all the three subjects.

10 students failed to clear cut off even in one subjects.

50 students cleared cut off in VA and QA.

5 students cleared in cut off in only QA.

47. What is the minimum number of students who appeared in the Mock test.
   - (a) 105
   - (b) 110
   - (c) 115
   - (d) None of these

48. What is the minimum number of students who did not clear cut off in exactly two subjects?
   - (a) 5
   - (b) 15
   - (c) 20
   - (d) None of these

49. If number of students who didn't clear cut off in at least two subjects is maximum possible then find the number of students who failed in exactly one subject?
   - (a) 5
   - (b) 15
   - (c) 20
   - (d) None of these

50. What is the ratio of number of students who didn't clear cut off DI, but cleared cut off in QA to the number of students

---

(a) Hut   (b) palace

(c) Fort   (d) house

52. Sangeeta remembers that her father's birthday was certainly after eighth but before thirteenth of December. Her sister Natasha remembers that their father's birthday was definitely after ninth but before fourteenth of December. On which date of December was their father's birthday ?
   - (a) 10 th
   - (b) 11 th
   - (c) 12 th
   - (d) Data inadequate

53. Rohit walked 25 metres towards South. Then he turned to his left and walked 20 metres. He then turned to his left and walked 25 metres. He again turned to his right and walked 15 metres. At what distance is he from the starting point and in which direction?
   - (a) 35 metres east
   - (b) 35 metres north
   - (c) 40 metres east
   - (d) 60 metres east

DIRECTION (Qs. 54) : *In the following question, a statement is given followed by two conclusions I and* II. *Give a...*

(a) if only conclusion I follows;

(b) if only conclusion II follows;

(c) if either I or II follows;

(d) if nither I nor II follows;

54. Statement :

The best way to escape from a problem is to solve it.

Conclusions :

I. Your life will be dull if you don't face problem.

II. To escape from problem, you should always have some solutions with you.

DIRECTIONS (Q. 55): *Read the following information answer the questions that follow:*

Mr. Mansingh has five sons – Arun, Mahi, Rohit, Nilesh and Saurav, and three daughters – Tamanna, Kuntala and Janaki. Three sons of Mr. Mansingh

were born first followed by two daughters. Saurav is the eldest child and Janki is the youngest. Three of the children are studying at Trinity School and three are studying at St. Stefan. Tamanna and Rohit study at St. Stefan School. Kuntala, the eldest daughter, plays chess. Mansoroverschool offers cricket only, while Trinity school offers chess. Beside, these schools offer no other games. The children who are at Mansorover School have been born in succession. Mahi and Nilesh are cricketers while Arun plays football. Rohit who was born just before Janki, plays hockey.

58. Which of the following pairs was not born in succession (ignore the order)?

(a) Mahi and Nilesh   (b) Kuntala and Arun

(c) Rohit and Janki   (d) Arun and Rohit

DIRECTION (Qs. 59) : *Read this question based on the information given below.*

59. Wendy, a student, is an avid backgammon player. All students play either chess or checkers, but some checkers players do not play chess because they do not understand chess strategy. Backgammon players never play checkers, because they do not find checkers challenging. Therefore, Wendy must understand chess strategy.

Which of the following must be true for the conclusion drawn above to be logically correct?

(a) All chess players understand chess strategy.

(b) Backgammon is more challenging than checkers.

(c) Chess is more challenging than backgammon.

(d) All students who find backgammon challenging play checkers.

DIRECTION (Qs. 60) : *In the following question, a statement is given followed by three assumptions numbered I, II and III. Consider the statement and the following assumptions and decide which of the assumptions is implicit.*

60. Statement :

India's economic growth has come at a terrible price of increased industrial and vehicular pollution.

Assumptions :

I. Pollution is a part of industrial society.

II. Indian economic growth is based on only industrial growth.

III. A country desires economic growth with manageable side-effects.

(a) Only I is implicit.

(b) Only II is implicit.

(c) Only I and III are implicit.

(d) Only III is implicit.

61. In a joint family, there are father, mother, 3 married sons and one unmarried daughter. Of the sons, two have 2 dauthers each, and sone has a son. How many female members are there in the family ?

(a) 2   (b) 3

(c) 6   (d) 9

63. If every 2 out of 3 ready made shirts need alterations in the sleeves, and every 4 out of 5 need it in the body, how many alterations will be required for 60 shirts?

(a) 88   (b) 123

(c) 132   (d) 143

DIRECTION (Qs. 64) : *In the following question, a statement is given followed by three assumptions numbered I, II, III. Consider the statement and the following assumptions and decide which of the assumptions is implicit.*

64. Statement :

"Smoking is injurious to health"–a warning printed on the cigarette packets.

Assumptions :

I. People read printed matter on the cigarette packet.

II. People take careful note of warning.

III. Non-smoking promotes health.

(a) Only I is implicit

(b) Only I and II are implicit

(c) Only II is implicit

(d) All are implicit

DIRECTIONS (Qs.65 to 68): *Read the following information and answer the question that follow.*

Some people enter a conference room and get seated around a circular table. The following is known about them.

(i) The first to enter sits opposite to one who belongs to Durgapur but right of Ranchi.

(ii) Teacher belongs to Kolkata and is right to IT professional.

(iii) The guy from Durgapur is adjacent to teacher and architect and opposite to doctor.

(iv) The guy from Ranchi is opposite to architect who is not from Dharbhanga.v) The doctor belongs to Chennai and sits adjacent to those who came at 3rd and 6th positions.

(vi) The guy from Burdwan is adjacent to guys who came at 3rd and 5th positions.

(vii) Professor who didn't come at 5th position is equidistant from guys from Ranchi and Durgapur.

Now answer the following questions.

65. Professor is opposite to-

(a) Teacher   (b) IT professional

(c) Dancer   (d) None of these

66. Guy from Burdwan is adjacent to-

68. The dancer is from-
- (a) Ranchi
- (b) Dharbhanga
- (c) Durgapur
- (d) None of these

69. In a queue, A is eighteenth form the front while B is sixteenth from the back. If C is twenty-fifth from the front and is exactly in the middle of A and B, then how many persons are there in the queue ?
- (a) 45
- (b) 46
- (c) 47
- (d) 48

70. Efficiency is all right in its place, in the shop, the factory, the store. The trouble with efficiency is that it wants to rule our play as well as our work; it won't be content to reign in the shop, it follows us home.

It can be inferred from the above passage that
- (a) Efficiency can become all - pervading
- (b) Efficiency does not always pay
- (c) Efficiency can be more of a torture than a blessing
- (d) None of these

GENERAL ENGLISH

71. Choose the correct antonym for the word below from the options provided.

'Native'
- (a) Endemic
- (b) Indigenious
- (c) Genuine
- (d) Foreign

72. Choose the correct antonym for the word below from the options provided.

'Attenuate'
- (a) Contract
- (b) Expand
- (c) Mitigate
- (d) Disable

73. Choose the correct antonym for the word below from the options provided.

'Cajole'
- (a) Deceive
- (b) Mislead
- (c) Build up
- (d) Bully

74. Choose the correct synonym for the word below from the options provided.

'consanguinity'
- (a) Illegitimate
- (b) Adoptive
- (c) ....
- (d) Kin

77. The long or short of it do not want to deal with that new firm.
- (a) The long and short of it
- (b) The long and short for it
- (c) The long or short for it
- (d) No correction required

78. Most of the Indian workers are **as healthy as, if not healthi than** British workers.
- (a) as if healthy as not healthier
- (b) healthier but not as healthy
- (c) as healthy, if not healthier
- (d) No correction required

79. You would _____ surprised to get this letter.
- (a) doubtless be somewhat
- (b) doubtlessly be somewhat
- (c) somewhat doubtlessly be
- (d) doubtlessly somewhat be

80. If you had been a little more proactive, this golden opportunity would not have____
- (a) Escaped your fingers
- (b) Slipped through your fingers
- (c) Slipped through your head
- (d) Escaped your hands

81. Although the rival cricket team was quite competitive it did not _____ against our team of veterans.
- (a) Stand a ground
- (b) Stand a chance
- (c) Stand a stead
- (d) None of these

82. I told him that I could invest some money in a joint venture with him, but as I was busy with my own projects I could only be a ____
- (a) Visiting partner
- (b) Half partner
- (c) Sleeping partner
- (d) Inactive partner

83. We must always _____ people who indulge in anti-social activities

86. Some people ___ themselves into believing that they are indispensable to the organisation they work for.
  - (a) force
  - (b) denigrate
  - (c) delude
  - (d) fool

87. Many Tamil Speaking Sri Lankans _____ from the island to escape the military and its atrocities.
  - (a) flown
  - (b) flee
  - (c) fled
  - (d) flew

88. These essays are intellectually ____ and represent various levels of complexity.
  - (a) revealing
  - (b) modern
  - (c) demanding
  - (d) superior

89. How do you expect that country to progress when her government is corrupt, _____ and still largely feudal.
  - (a) devalued
  - (b) dwindling
  - (c) despotic
  - (d) demeaning

90. The teacher must _____ the unique style of a leaner in order to _____ it to desired knowledge.
  - (a) advocate _____ direct
  - (b) perpetuate _____ develop
  - (c) appreciate _____ focus
  - (d) absorb _____ maintain

91. He was an _____ musician, had been awarded the George medal during the second world war and _____ with the title of Rai Bahadur .
  - (a) outstanding _____ popularise
  - (b) underestimate _____ declared
  - (c) accomplised _____ honoured
  - (d) impressive _____ assigned

92. Management can be defined as the process of _____ organizational goals by working with and through human and non-human resources to _____ improve value added to the world.
  - (a) getting _____ deliberately
  - (b) managing _____ purposefully
  - (c) targeting_____ critically
  - (d) reaching _____continuously

DIRECTIONS (Qs. 93-101) *Read the following passages and answer the questions that follow.*

Passage-1

The World Trade Organisation (WTO) was created in the early 1990s as a component of the Uruguay Round negotiation. However, it could have been negotiated as part of the Tokyo Round of the 1970s, since that negotiation was an attempt at a goal of a more effective and more legal dispute settlement system. For the Europeans, who by the 1990s had come to view GATT dispute settlement less in political terms and more as a regime of legal obligations, the WTO package was acceptable as a means to discipline the resort to unilateral measures by the United States. Countries like Canada and other middle and smaller trading partners were attracted by the expansion of a rules-based system and by the symbolic value of a trade organization, both of which inherently support the weak against the strong. The developing countries were attracted due to the provisions banning unilateral measures. Finally, and perhaps most important, many countries at the Uruguay Round came to put a higher priority on the export gains than on the import losses that the negotiation would produce, and they came to associate the WTO and a rules-based system with those gains. This reasoning replicated in many countries - was contained in U.S. Ambassador Kantor 's defense of the WTO, and it amounted to a recognition that international trade and its benefits cannot be enjoyed unless trading nations accept the discipline of a negotiated rules-based environment.

A second factor in the creation of the WTO was pressure from lawyers and the legal process. The dispute settlement system of the WTO was seen as a victory of legalists over pragmatists but the matter went deeper than that. The GATT, and the WTO, are contract organizations based on rules, and it is inevitable that an organization created to further rules will in turn be influenced by the legal process. Robert Hudec has written of the 'momentum of legal development', but what is this precisely? Legal development can be defined as promotion of the technical legal values of consistency, clarity (or, certainty) and effectiveness; these are values that those responsible for administering any legal system will seek to maximize. As it played out in the WTO, consistency meant integrating under one roof the whole lot of separate agreements signed under GATT auspices; clarity meant removing ambiguities about the powers of contracting parties to make certain decisions or to undertake waivers; and effectiveness meant eliminating exceptions arising out of grandfather-rights and resolving defects in dispute settlement procedures and institutional provisions. Concern for these values is inherent in any rules-based system of co-operation, since without these values, rules would be meaningless in the first place. Rules, therefore, create their own incentive for fulfillment.

The momentum of legal development has occurred in other institutions besides the GATT, most notably in the European Union (EU).

Over the past two decades, the European Court of Justice (ECJ)

community goals set forth in the Preamble to the [Rome] treaty. The teleological method represents an effort to keep current policies consistent with stated goals, and it is analogous to the effort in GATT to keep contracting party trade practices consistent with stated rules. In both cases legal concerns and procedures are an independent force for further co-operation.

In large part, the WTO was an exercise in consolidation. In the context of a trade negotiation that created a near-revolutionary expansion of international trade rules, the formation of the WTO was a deeply conservative act needed to ensure that the benefits of the new rules would not be lost. The WTO was all about institutional structure and dispute settlement, these are the concerns of conservatives and not revolutionaries, which is why lawyers and legalists took the lead on these issues. The WTO codified the GATT institutional practice that had developed by custom over three decades, and it incorporated a new dispute settlement system that was necessary to keep both old and new rules from becoming a sham. Both the international structure and the dispute settlement system were necessary to preserve and enhance the integrity of the multilateral trade regime that had been built incrementally from the 1940s to the 1990s.

93. What could be the closest reason why the WTO was not formed in the 1970s?
  - (a) The US government did not like it.
  - (b) Important players did not find it in their best interest to do so.
  - (c) Lawyers did not work for the dispute settlement system.
  - (d) The Tokyo round negotiations was an attempt at constitutional reform.

94. The most likely reason for the acceptance of the WTO package by nations was that
  - (a) it had the means to prevent the US from taking unilateral measures.
  - (b) they recognized the need for a rule-based environment to protect the benefits of increased trade.
  - (c) it settles disputes more legally and more effectively.
  - (d) its rule-based system leads to export gains.

95. According to the passage, WTO promoted the technical legal values partly through
  - (a) integrating under one roof the agreements signed under GATT.
  - (b) rules that create their own incentive for fulfillment
  - (c) grandfather-rights exceptions and defects in dispute settlement procedures.
  - (d) ambiguities about the powers of contracting parties to

97. In the statement '.... it amounted to a recognition that international trade and its benefits cannot be enjoyed unless trading nations accept the discipline of a negotiated rules-based environment', 'it' refers to
  - (a) Ambassador Kantor's defence of the WTO.
  - (b) the higher priority on export gains placed by many countries at the Uruguay Round.
  - (c) the export gains many countries came to associate with a rule-based system.
  - (d) the provision of a rule-based system by the WTO.

98. The importance of Cassis de Dijon is that it
  - (a) gave a new impetus to the momentum of legal development at the European Court of Justice.
  - (b) resulted in a decision that expanded incrementally the EU's internal market.
  - (c) strengthened the role of the Court more than envisaged in the Treaty of Rome.
  - (d) led to a doctrine that was a key turning point in European integration.

PASSAGE-2

A TED talk (the acronym stands for Technology, Entertainment, and Design) is one of the routes to academic stardom that didn't exist a decade ago. (The 30th-anniversary celebration aside, curators only began posting fame-making free online videos in 2006.) Although TED plays an inordinate role in setting the tone for how ideas are conveyed—not only because of the reach of its videos but also through spinoffs like regional "TEDx" events and the TED Radio Hour, one of the few places nonpolicy intellectuals get substantial on-air time—it's just one of a number of platforms that are changing the ecology of academic celebrity. These include similar ideas-in-nuggets conclaves, such as the Aspen Ideas Festival and PopTech, along with huge online courses and—yes, still—blogs. These new, or at least newish, forms are upending traditional hierarchies of academic visibility and helping to change which ideas gain purchase in the public discourse.

In a famous essay, "The Unbearable Ugliness of Volvos," first published in the early 90s, the literary scholar Stanley Fish wrote that "the flourishing of the lecture circuit has brought with it new sources of extra income ... [and] an ever-growing list of stages on which to showcase one's talents, and geometric increase in the availability of the commodities for which academics yearn, attention, applause, fame, and ultimately, adulation of a kind usually reserved for the icons of popular culture." Fish was Exhibit A among professors taking advantage of such trends, and his trailblazing as a lit-crit celebrity inspired the dapper, globe-trotting

99. The passage is mainly about:
   (a) Technology, Entertainment, and Design
   (b) Turning over the conventional.
   (c) Gaining popular adulation.
   (d) Changing presentations.
   (e) Worldwide metamorphosis.

100. The phrase "sepia-toned" implies:
   (a) The end of an era.
   (b) The way things were.
   (c) The brown pigment.
   (d) The time bound nature of things.
   (e) The decadence of ideas.

101. Which of the following cannot be inferred from the passage?
   (a) TED is the future.
   (b) Theory can no longer be counted on.
   (c) Philosophy is best understood through demos.
   (d) TED is irreplaceable.

DIRECTIONS(Qs. 102-104). *In questions below, each passage consist of six sentences. The first and sixth sentence are given in the begining. The middle four sentences in each have been removed and jumbled up. These are labelled as P, Q, R and S. Find out the proper order for the four sentences.*

102.
S_1: In the middle of one side of the square sits the Chairman of the committee, the most important person in the room.
P : For a committee is not just a mere collection of individuals.
Q : On him rests much of the responsibility for the success or failure of the committee.
R : While this is happening we have an opportunity to get the 'feel' of this committe.
S : As the meeting opens, he runs briskly through a number of formalities.
S_6: From the moment its members meet, it begins to have a sort nebulous life of its own.

The Proper sequence should be:
   (a) RSQP   (b) PQRS
   (c) SQPR   (d) QSRP

103.
S_1: All the land was covered by the ocean.
P : The leading god fought the monster, killed it and chopped its body in to two halves.
Q : A terrible monster prevented the gods from separating the land from the water.

104.
S_1: And then Gandhi came.
P : Get off the backs of these peasants and workers, he told us, all you who live by their exploitation.
Q : He was like a powerful current of fresh air, like a beam of light, like a whirlwind that upset many things.
R : He spoke their language and constantly dre their attention to their appalling conditions.
S : He didn't descent from the top, he seemed to emerge from the masses of India.
S6: Political freedom took new shape and then acquired a new content.

The Proper sequence should be:
   (a) QSRP   (b) SRQP
   (c) RSQP   (d) PRSQ

DIRECTIONS (Qs. 105 to 107): *In each of the following each passage a related pair of words or phrases is followed by five pairs of words or phrases. Select the lettered pair that expresses a relationship that is least similar to the one in the original pair.*

105. XENOPHOBIA :   FOREIGNERS
   (a) claustrophobia : foreigners
   (b) anglophobia : Englishmen
   (c) bibliophobia : book
   (d) hemophobia : blood

106. SAIL   :   SHIP
   (a) propeller : dog
   (b) radar   : satellite
   (c) hydrogen : balloon
   (d) accelerator : car

107. CANINE   :   DOG
   (a) feline   : cat
   (b) acquatic : parrot
   (c) serpentine : cobra
   (d) vulpine : fox

DIRECTIONS (Qs. 108 -110): *In each of the following there are sentences that form a paragraph. Identify the sentence(s) or part(s) of sentence(s) that is/are correct of grammar and usage (including spelling, punctuation, logical consistency). Then, choose the most appropr*

109.
A. In response to the allegations and condemnation pouring in,
B. Nike implemented comprehensive changes in their labour policy.
C. Perhaps sensing the rising tide of global labour concerns,
D. from the public would become a prominent media issue,
E. Nike sought to be a industry leader in employee relations.

(a) D and E (b) D only
(c) A and E (d) A and D
(e) B, C and E

110.
A. Charges and countercharges mean nothing.
B. to the few million who have lost their home.
C. The nightmare is far from over, for the government.
D. is still unable to reach hundreds who are marooned.
E. The death count have just begun.

\ (a) A only (b) C only
(c) A and C (d) A, C and D
(e) D only

GENERAL AWARENESS

111. Which of the following is not correct with regard to RTI Act, 2005?
(a) An officer as public officer shall be designated to provide information to citizens by every public authority
(b) The aids provide for the penalty of upto Rs 25,000 on the public information officers is to be fails to divulge the information fought by the citizen
(c) The Act provides for setting up of central information and state information commission
(d) The information sought shall be made available within 90 days

112. Who estimated national income in India first?
(a) Dadabhai Naoroji (b) R.C. Dutt
(c) V.K. R.V. Rao (d) D.R. Gadgil

113. 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)

114. Dwarf wheat (mexican) is introduced in India by

116. What contribution has been made by Ernest Binfield Havell (E.B. Havell) in the Indian art and culture?
(a) E.B. Havell was a official of East India company, whose efforts led to establishment of Asiatic Society
(b) E.B. Havell made efforts in establishing the Bengal school of art
(c) E.B. Havell was a famous indologist who translated several Sanskrit dramas in English
(d) E.B. Havell was a teacher at Pune who established the National Archives of India

117. The India Human Development award in association with UNDP instituted in
(a) 2010 (b) 2011
(c) 2012 (d) 2013

118. The book 'The Audacity of Hope' is written by
(a) Nayantara Sehgal (b) Aravind Adiga
(c) Vikram Seth (d) Barrack Obama

119. In which Olympic Games, Hockey was introduced for the first time
(a) London, 1908 (b) Stockholm, 1912
(c) St. Louis, 1904 (d) Paris, 1900

120. Larry page and Sergey Brin are well known as
(a) Creators of Bluetooth device
(b) Founders of Google
(c) Stem cell researchers
(d) Scientists

121. Environmental Kuznets curve
(a) a semi-circle curve suggesting increase in per-capita income increases the pollution
(b) a U-shaped curve suggesting the level of development and carbon emission
(c) suggest a U-shaped relationship between the carbon emission and Ozone layer depletion
(d) suggest a bell-shaped relationship between the concentration of certain pollution emission and per-capita real GDP

122. Which of the following are correctly matched?

1.	Viena convention	:	protection of ozone layer
2.	Stockholm convention	:	Hazardous wastes and their disposal
3.	Rotterdam convention	:	Hazardous chemicals
4.	Basel convention	:	persistent organic pollutants

(a) 1 and 2 (b) 1 and 3

124. The slogan of 'poverty abolition' was given in which Five Year Plan?
- (a) Second plan
- (b) Fourth plan
- (c) Fifth plan
- (d) Sixth plan

125. REDD Plus Programme is concerned with which of the following ?
- (a) Nuclear Non-Proliferation Treaty (NPT)
- (b) Convention on Biological Diversity (CBD)
- (c) Millennium Development Goals (MDG)
- (d) Earth Summit

126. Which is the largest stock exchange in the world ?
- (a) The New York Stock Exchange (NYSE)
- (b) The Swiss Stock Exchange (SWX)
- (c) The London Stock Exchange (LSE)
- (d) The National Stock Exchange (NSE)

127. Between which two countries was the battle of Stalingard fought in 1942-43 ?
- (a) Russia and Germany
- (b) Russia and Japan
- (c) Germany and Italy
- (d) Italy and Russia

128. International Day for Disaster Reduction is observed on
- (a) 9th August
- (b) 13th October
- (c) 24th November
- (d) 11th December

129. Name the India-China joint military exercise that started in Pune recently?
- (a) Surya-Kiran 2014
- (b) Hand-in-Hand 2014
- (c) Mitra-Maitri 2014
- (d) Yudh Abhyas 2014

130. What would you study if you were a speleologist ?
- (a) Mineral deposits
- (b) Trees
- (c) Birds
- (d) Caves

131. In a swap transaction where two fixed-floating currency swaps are combined to form a fixed to fixed currency swap is known as
- (a) Roller-coaster swap
- (b) Amortized swap
- (c) Amortizing swap
- (d) Circus swap

132. In monetary terminology, what is called the 'monetary base' or 'high powered money' ?
- (a) the total assets of RBI
- (b) the total liability of RBI
- (c) the total debt of the government
- (d) the total foreign exchange of RBI

135. The words 'secular' and 'socialist' were added to the Indian Constitution in 1975 by amending the
- (a) All of the above
- (b) Directive Principles
- (c) Preamble
- (d) Fundamental Rights

136. Who declared that his ultimate aim was to wipe 'every tear from every eye'?
- (a) Rajendra Prasad
- (b) Sardar Patel
- (c) Jawaharlal Nehru
- (d) Mahatma Gandhi

137. Amnesty International is an organisation associated with which of the following fields ?
- (a) Protection of Cruelty to animals
- (b) Environment protection
- (c) Protection of human rights
- (d) Protection of historic monuments

138. Google's main shopping service is called
- (a) Froogle
- (b) Cragle
- (c) Doudle
- (d) Ibibo
- (e) Google+

139. The branch of medical science which is concerned with the study of disease as it affects a community of people is called
- (a) epidemiology
- (b) oncology
- (c) paleontogy
- (d) pathology

140. Which of the following ports of system unit can be used to attach an external storage media/peripheral devices ?
- (a) VGA port
- (b) USB port
- (c) Parallel port
- (d) Serial port

141. This personality is the father of radio science and has pioneered Bengali science fiction in the country. He invented the crescograph, a device that measures growth in plants. Identify him.
- (a) Homi Bhabha
- (b) Jagadish Chanddra Bose
- (c) CV Raman
- (d) Govind Khurana

142. The Union Cabinet approved signing of three SAARC agreements that is to be signed at18th SAARC Summit scheduled to be held recently. Which one of the following is not one of the SAARC agreements ?
- (a) SAARC Regional Railays Agreement
- (b) SAARC Motor Vehicles Agreement
- (c) SAARC Framework Agreement for Energy Cooperation (Electricity)
- (d) SAARC Inter governmental Transport Connectivity

144. Hyderabad recently found an intelligent way to manage the traffic problems in the city in a smart way be using H-TRIMS. What is the full form of H-TRIMS?
(a) Hyderabad Traffic Integrated Maintenance System
(b) Hyderabad Traffic Integrated Management System
(c) Hyderabad Traffic Integrated Manipulation System
(d) Hyderabad Traffic Inked Management System

145. Which international organisation recently passed a resolution of sports autonomy and sports as means to promote peace and development ?
(a) International Olympic Committee
(b) Commonwealth Games Federation
(c) United Nations
(d) Asia-Pacific Economic Cooperation

146. Liberty Medal is annually given to honour men and women of courage and conviction who strive to secure the blessings of liderty to people around the globe. It was established in ?
(a) 1987, to commemorate the bicentennial of the US Constitution
(b) 1988, to commemorate the bicentennial of the US Constitution
(c) 1990, to commemorate the bicentennial of the US Constitution
(d) 1997, to commemorate the bicentennial of the US Constitution

147. The Union Commerce Ministry recently cancelled approvals of nine special economic zones (SEZs).
I. Hindalco Industries
II. Chennai Business Park
III. Essar Jamnagar
IV. Adani Townships and Real Estate Company

Which option is correct ?
(a) I, II and III   (b) I, III and IV
(c) II and III   (d) I, II, III and IV

148. World Wildlife Fund on released the Living Planet Report 2014. In this context, consider the following statements
I. The theme of the report is Species and Spaces, People and Places.
II. Populations of fish, birds, mammals, amphibians and reptiles have declined by 52 percent since 1970
III. Freshwater species have declined by 76 percent
IV. The report's measure of humanity's Ecological Footprint is provided by the Global Footprint Network

Which is/are correct ?
(a) I, II and III   (b) I, III and IV
(c) II and III   (d) I, II, III and IV

149. Vanbandhu Kalyan Yojana (VKY) was launched by Union Ministry of Tribal Affairs to
(a) Lift human development indices of tribal people
(b) ensure that forest dwellers are not deprived of their due
(c) promote Tribal language
(d) establish a National Research Centre in the Tribal Research Institute

150. Name the player who won the IBSF World Billiards Championship in 2014.
(a) Ashok Mehta   (b) Geet Sethi
(c) Pankaj Advani   (d) None of these

Answer Key

Q. No.	Ans	Q. No.	Ans	Q. No.	Ans	Q. No.	Ans	Q. No.	Ans
1	a	31	a	61	d	91	c	121	d
2	b	32	c	62	c	92	d	122	b
3	c	33	d	63	c	93	b	123	c
4	b	34	b	64	b	94	b	124	c
5	c	35	d	65	a	95	a	125	b
6	b	36	d	66	b	96	d	126	a
7	a	37	d	67	d	97	c	127	a
8	d	38	e	68	a	98	d	128	b
9	c	39	a	69	c	99	b	129	b
10	a	40	b	70	a	100	a	130	d
11	a	41	b	71	d	101	d	131	d
12	b	42	c	72	b	102	d	132	b
13	d	43	c	73	d	103	d	133	a
14	d	44	a	74	d	104	b	134	d
15	a	45	b	75	a	105	a	135	c
16	b	46	b	76	d	106	a	136	c
17	c	47	a	77	a	107	b	137	c
18	c	48	c	78	d	108	a	138	a
19	a	49	b	79	b	109	d	139	a
20	a	50	a	80	b	110	d	140	b
21	b	51	b	81	b	111	d	141	a
22	b	52	d	82	b	112	a	142	d
23	d	53	a	83	c	113	b	143	c
24	a	54	d	84	a	114	a	144	b
25	d	55	c	85	b	115	b	145	c
26	c	56	a	86	c	116	b	146	b
27	d	57	d	87	c	117	a	147	d
28	d	58	b	88	c	118	d	148	d