1. Consider the following statements regarding the National Investment Manufacturing Zone (NIMZ).

   1. These zones will be declared as Industrial Township by the state governments under the Indian Constitution.
   2. It has been created to increase the share of manufacturing in GDP to 25%.
   3. It has been created only for the promotion of exports from India.

   Which of the statements given above are correct?

   (a) 1 and 2 only
   (b) 1 and 3 only
   (c) 2 and 3 only
   (d) 1, 2 and 3

2. Which of the following tasks have been mandated under the Representation of People Act since 1950?

   1. By elections
   2. Registration of Political parties
   3. Delimitation of constituencies
   4. Actual conduct of elections

   Select the correct answer using the codes given below

   (a) 1 and 2 only
   (b) 1, 2 and 3 only
   (c) 1, 2 and 4 only
   (d) 1, 2, 3 and 4

3. Who among the following was believed to be a leader of the Sanyasis and Fakirs conspiring against the British in 1857?

   (a) Mangal Pandey
   (b) Bahadur Shah II
   (c) Queen Zeenat Mahal
   (d) Nana Sahib

4. Which one of the following statements about the Ilbert Bill is correct?

   (a) It proposed that the Indian magistrates would try Europeans in criminal cases
   (b) It allowed Indians to file criminal cases against Europeans
   (c) It authorized Indian ICS officers to try Europeans in courts
   (d) It was an agitation led by Ilbert in support of the nationalists.

5. With respect to the Universal Immunization Programme of India, which of the following statements is/are correct?

   1. The Government is providing vaccination free of cost against both communicable and Non-communicable diseases across the country.
   2. The Mission Indradhansuh, which aims to aims to cover all those children by 2020 who are either unvaccinated, or are partially vaccinated against vaccine preventable diseases, is the part of this program.

   Select the correct answer using the codes given below

   (a) 1 only
   (b) 2 only
   (c) Both 1 and 2
   (d) Neither 1 Nor 2

6. Consider the following Pairs

GI tags		Source region
1. KandhamalHaldi	-	Assam
2. Shahi Litchi fruit	-	Bihar
3. Alphonso mango	-	Maharashtra
4. Madurkathi	-	West Bengal

Which of the pairs given above are correctly matched?

(a) 1, 2 and 3 only

(b) 1, 2 and 4 only

(c) 1, 3 and 4 only

(d) 2, 3 and 4 only

7. Which set of the following biosphere reserves in India is included in the World Network of Biosphere Reserves?

(a) Gulf of Mannar, Nokrek, Panchmarhi and Simlipal

(b) Gulf of Mannar, Kanchanjunga, Nokrek and Seshachalam

(c) Nilgiri, Nokrek, Panchmarhi and Panna

(d) Nilgiri, Nokrek, Panchmarhi and Seshachalam

8. The Clouded Leopard, also known as the mainland clouded leopard, is naturally found in which of the following regions in India?

(a) North Western Plain Regions

(b) Central Indian Highlands

(c) Hilly Mountains of the Western Ghats

(d) North Eastern High Ranges

9. Recently the Country's first Owl festival was organized in which of the following states in India?

(a) Maharashtra

(b) Andhra Pradesh

(c) Kerala

(d) Assam

10. Which one of the following statements about a satellite orbiting around the Earth is correct?

(a) Satellite is kept in orbit by remote control from ground station.

(b) Satellite is kept in orbit by retro-rocket and solar energy keeps it moving around the Earth.

(c) Satellite requires energy from solar panels and solid fuels for orbiting.

(d) Satellite does not require any energy for orbiting

11. Consider the following statements about the Nagara style of temple architecture:

1. This style of temples are commonly found in the areas between Himalayas and Vindhyas.

2. The most striking feature of this style is its pyramidal shikhara

Which of the statements given above is/are correct?

(a) 1 only

(b) 2 only

(c) Both 1 and 2

(d) Neither 1 Nor 2

12. Consider the following characteristics of a tropical cyclone:

1. A warm sea temperature of $> 26^\circ C$

2. High relative humidity of atmosphere at a height of > 700 m

3. Atmosphere instability

The above mentioned characteristics are associated with which one of the following cycles of its development?

(a) Formulation and initial state

(b) Modification state

(c) Full maturity

(d) Decay

13. With respect to the Sukanya Samridhhi Scheme, which of the following statements are correct?

1. It is a small deposit scheme for the girl child launched as a part of the 'BetiBachaoBetiPadhao' campaign.
2. Contributions into Sukanya Samriddhi account as well the entire interest earned and the maturity amount are exempted from the Income Tax purview.
3. The account can be opened only at the post offices and not any other public financial institutions.
4. A parent or guardian can open only one account per girl child, and a maximum of two such bank accounts in the name of two girl children.

Select the correct answer using the codes given below

(a) 1, 2 and 3 only
(b) 1, 2 and 4 only
(c) 1, 3 and 4 only
(d) 2, 3 and 4 only

14. Consider the following statements regarding the Sustainable Development Goals (SDGs), which are frequently in News.

1. These are a collection of 17 global goals with 169 specific targets set by the United Nations General Assembly in 2015.
2. These Goals are built on the successes of the Millennium Development Goals.
3. The signatories to this are mandated to achieve these goals otherwise penalty will be imposed by the UNDP on defaulters.
4. These Goals includes new areas such as climate change, economic inequality, innovation, sustainable consumption, peace and justice, among other priorities.

Which of the statements given above are correct?

(a) 1, 2 and 3 only
(b) 1, 2 and 4 only
(c) 1, 3 and 4 only
(d) 2, 3 and 4 only

15. Recently the Intergovernmental Panel on Climate Change (IPCC) has released special report on Global warming. According to this report, what are the possible impacts by the rise of global temperature?

1. Free of Sea Ice in Arctic ocean at summer
2. Reduction of maize production in tropic countries
3. Decline of annual catch of marine fisheries
4. Decline of coral reefs growth

Select the correct answer using the codes given below

(a) 1 and 2 only
(b) 2 and 3 only
(c) 1, 3 and 4 only
(d) 1, 2, 3 and 4

16. Which one of the following statements with regard to the Comptroller and Auditor General (CAG) of India is *not* correct?

(a) He is appointed by the President of India
(b) He can be removed from office in the same way as the judge of the Supreme Court of India
(c) The CAG is eligible for further office under the Government of India after he has ceased to hold his office
(d) The salary of the CAG is charged upon the Consolidated Fund of India.

17. Who among the following social reformer started a society for the encouragement of widow remarriage in 1866 in Maharashtra?

(a) Bal Gangadhar Tilak

(b) Jyotirao Phule

(c) Vishnushastri Pandit

(d) Pandita Ramabai

18. Sleeping sickness is a parasitic disease of humans and other animals. It is caused by

(a) Histomonas

(b) Trypanosoma

(c) Angomonae

(d) Naegleria

19. Which one of the following agencies enforces the laws on food security in India?

(a) FDA

(b) WHO

(c) FSSAI

(d) FAO

20. Red blood cells (RBCs) have

(a) No nucleus, no mitochondria and no endoplasmic reticulum

(b) Nucleus, mitochondria and endoplasmic reticulum

(c) Nucleus, mitochondria but no endoplasmic reticulum

(d) No mitochondria but endoplasmic reticulum is present

21. Dengue virus high fever, rashes and reduces the number of a particular type of blood cells. Those blood cells are

(a) Monocytes

(b) Platelets

(c) Eosinophils

(d) Neutrophils

22. Which of the following products is/are completely exempted or charged zero percent under the GST Tax net?

1. Sanitary Napkins

2. Deities made up of Stone, Marble and Wood.

3. Ethanol for sale to Oil Marketing Companies for blending with fuel

4. Raw silk

Select the correct answer using the codes given below

(a) 1 and 2 only

(b) 2, 3 and 4 only

(c) 1, 2 and 4 only

(d) 1 and 4 only

23. Under the Special Economic Zone (SEZ) Act, 2005 which the following are the objectives of the SEZ?

1. Promotion of exports of goods and services

2. Generation of additional Economic Activity.

3. Promotion of investment from only from foreign sources not from domestic sources.

4. Development of Infrastructure facilities.

Select the correct answer suing the codes given below

(a) 1 and 2 only

(b) 1, 2 and 3 only

(c) 1, 2 and 4 only

(d) 1, 2, 3 and 4

24) The Rashtriya Gokul Mission will be implemented with which of the following objectives?

1. To undertake the breed improvement programme for indigenous cattle breeds so as to improve the genetic makeup and increase the stock.

2. To enhance the milk production and productivity.

3. To upgrade nondescript cattle using elite indigenous breeds.

Select the correct answer suing the codes given below

(a) 1 only

(b) 1 and 2 only

(c) 1 and 3 only

(d) 1, 2 and 3

25. Which of the following is/are the salient features of the Pradhan Mantri Jan Dhan Yojana?

1. Only the Rural households not the urban households across the country are to be covered under the scheme.

2. The accounts under PMJDY will be zero balance accounts which means account holders do not need to maintain any bank balance.

3. All account holders will get a personal accident insurance cover up to one lakh rupees.

Which of the statements given above are correct?

(a) 1 and 2 only

(b) 1 and 3 only

(c) 2 and 3 only

(d) 1, 2 and 3

26. Consider the following statements pertaining to Coffee plantation in India:

1. Need warm and moist climate with a spell of dry weather during the ripening period

2. Rolling fields having good drainage

3. Strong sunshine over hilly slopes exceeding temperature 35^0C

4. Karnataka is the leading producer in India

Which of the statements given above are correct?

(a) 1 and 4 only

(b) 1, 2 and 3

(c) 3 and 4

(d) 1, 2 and 4

27. By fulfilling which of the following conditions can a political party claim the status of a national party?

1. It secures at least six per cent (6%) of the valid votes polled in any four or more states, at a general election to the House of the People or, to the State Legislative Assembly

2. It wins at least four seats in the House of the People from any State or States or wins at least two percent (2%)seats in the House of the People (i.e.,) 11 seats in the existing House having 543 members), and these members are elected from at least three different States

3. The party in question has got recognition as a state party in at least two states

4. It must have its headquarters in New Delhi

Select the correct answer using cod given below:

(a) 1, 2 and 3

(b) 2 and 4

(c) 1 and 2 only

(d) 1, 3 and 4

28. Dengue virus high fever, rashes and reduces the number of a particular type of blood cells. Those blood cells are

(a) Monocytes

(b) Platelets

(c) Eosinophils

(d) Neutrophils

29. Which one among the following is the correct order of tiger reserves situated from North and South in India?

(a) Corbett – Simlipal – Sariska – Periyar

(b) Periyar – Sariska – Simlipal – Corbett

(c) Corbett – Sariska – Simlipal – Periyar

(d) Periyar – Simlipal – Sariska – Corbett

30. Which of the following are correct with regard to Indian Monsoonal Rainfall?

1. Largely governed by the topographical features

2. Regional and seasonal variations in the distribution of rainfall

3. Heavy downpour resulting in considerable runoff

4. Beginning and end of rain is regular and on time

Select the correct answer using the code given below:

(a) 1 and 2 only

(b) 1, 2 and 3

(c) 3 and 4 only

(d) 2, 3 and 4

31. In the International Arena, the Track II diplomacy, a dialogue forum between two countries, involves which of the following persons/Institutions?

1. External Affairs Officers of the respective countries.

2. Business and Industrial Organizations.

3. Non-Governmental Organizations.

4. Religious Institutions.

Select the correct answer using the codes given below

(a) 1 and 2 only

(b) 1 and 3 only

(c) 3 and 4 only

(d) 3 only

32. The Global Competitiveness Index is annually released by which of the following organization?

(a) World Bank

(b) World Economic Forum.

(c) Organization for Economic Co-operation and Development

(d) G-20 organization

33. The SWAYAM initiative is

1. An initiative aimed at providing affordable and quality education to the Citizens at free of cost.

2. Is being implemented by the Ministry of Human Resource and Development.

Which of the statements given above is/are correct?

(a) 1 only

(b) 2 only

(c) Both 1 and 2

(d) Neither 1 Nor 2

34. Consider the following statements regarding the Sendai Framework, which was often in News.

   1. It is an international document adopted by UN member states at the World Conference on Disaster Risk Reduction held in Sendai, Japan.

   2. It is a compulsory and binding treaty which recognizes that UN member State has the primary role to reduce disaster risk.

   3. It is successor of the Hyogo Framework for Action (2005–2015), which is an international accord on disaster risk reduction.

   Which of the statements given above is/are correct?

   (a) 1 and 2 only
   (b) 1 and 3 only
   (c) 2 and 3 only
   (d) 1, 2 and 3

35. Which one of the following Himalayan Rivers does **not** originate from across the Himalayas?

   (a) Indus
   (b) Satluj
   (c) Ganga
   (d) Brahmaputra

36. Which one of the following was **not** a cause of the Revolt of 1857?

   (a) The rumour that the British had mixed the bone dust of cows and pigs into the flour being sold in the market

   (b) The prophecy that British rule would come to an end on the centenary of the Battle of Plassey on 23rd June, 1857

   (c) Popular discontent with British rule

   (d) The prophecy that the end of British rule would lead to the return of Ram Rajya

37. Which one of the following was **not** a feature of the Subsidiary Alliance of Lord Wellesley?

   (a) The British were responsible for protecting the ally from any external threats

   (b) All internal threats were to be handled by the ally alone, with no help from the British

   (c) The ally was to provide resources for maintaining stationed in its territory

   (d) The ally could not enter into any agreement with other rulers without the permission of the British

38. Consider the following statements regarding the National Board for Wildlife (NBWL).

   1. It is a "Statutory Organization" constituted under the Wildlife Protection Act, 1972.

   2. It is chaired by India's Prime Minister and its vice chairman is Minister of Environment.

   3. No alternation of boundaries in national parks and wildlife sanctuaries can be done without approval of the NBWL.

   Which of the statements given above is/are correct?

   (a) 1 only
   (b) 1 and 2 only
   (c) 2 and 3 only
   (d) 1, 2 and 3

39. Which of the following states do not have the presence of Biosphere reserves in India?

1. Rajasthan
2. Punjab
3. Sikkim
4. Odisha

Select the correct answer using the codes given below

(a) 1 and 2 only
(b) 1, 2 and 3 only
(c) 1, 2 and 4 only
(d) 1, 2, 3 and 4

40. The Demilitarized Zone (DMZ) at 38th Parallel Latitude, which was recently in News, refers which of the following regions?

(a) Sudan and South Sudan
(b) USA and Mexico
(c) Israel and Palestine
(d) North Korea and South Korea

CSAT

Directions for the following 3 (three) items: Read the following Passage and answer the items that follow. Your answers to these items should be based on the passages only.

PASSAGE 1

Great books do not spring from something accidental in the great men who write them. They are the effluence of their very core, the expression of the life itself of the authors. And literature cannot be said to have served its true purpose until it has been translated into the actual life of him who reads. It is the vast reservoir of true ideas and emotions. In a world deprived of literature, the broad, the noble, the generous would tend to disappear and life would be correspondingly degraded, because the wrong idea and the petty emotion would never feel the upward pull of the ideas and emotions of genius. Only by conceiving a society without literature can it be clearly realised that the function of literature is to raise the plain towards the top level of the peaks. Literature exist so that where a man has lived finely, ten thousands may afterwards live finely. it is a means of life, it concerns the living essence.

41. How have great books been written?

(a) By an accidental means.
(b) By great men who write them.
(c) By men who think too much.
(d) By men who imagine sometimes.

42. If a world is deprived of literature, what would happen to the broad, the noble and the generous?

(a) They would be living a free life without care
(b) They would worry themselves into petty issues.
(c) They would tend to disappear and life would be correspondingly degraded.
(d) They would celebrate life.

43. What is the function of literature?

(a) To raise the plain above sea level.
(b) To raise everything so that it does not sink to the sea level.
(c) To raise the peaks towards the highest mountain.
(d) To raise the plain towards the top level of the peaks.

44. A man spends 1/3 of his income on food, of the rest ¼ on house rent, and 1/5 on cloth. He still has Rs. 1760 left with him. Find his income.

(a) 4500
(b) 4800
(c) 4900
(d) 4600

45. The average temperature on Tuesday, Wednesday and Thursday was 40°. The average temperature on Wednesday, Thursday and Friday was 41°. If the temperature on Friday was 42°, find the temperature on Tuesday.

(a) 38

(b) 39

(c) 40

(d) 37

46. Ram invest 40% more than Shyam and Shyam invests 20% less than Radha, then ratio of Ram's investment to Radha's investment is

(a) 7:4

(b) 26:25

(c) 3:1

(d) 28:25

Directions (47-48): A family consists of 6 members namely P, Q, R, S, T and U. Q is the brother in law of R's mother. R is the father of U. S is the father of P and U is the grandson of S. There are two female members in the family.

47. Who is the mother of R ?

(a) Q

(b) T

(c) P

(d) Cannot be determined

48. Which of the following pairs represents the female members in the family ?

(a) P and T

(b) Q and R

(c) R and S

(d) Cannot be determined.

49. A man goes 3 kms east from point A and then takes a right turn from point B to move 4 kms to point C. What is the minimum distance between point A and point C?

(a) 3.5 km

(b) 5 km

(c) 6.5 km

(d) 4.5 km

50. On 4th December 1993, Rama and Nirmal celebrated their anniversary on Saturday. What will be the day on their anniversary in 1997?

(a) Wednesday

(b) Thursday

(c) Friday

(d) Tuesday

Directions for the following 2 (two) items:
Read the following Passage and answer the items that follow. Your answers to these items should be based on the passages only.

PASSAGE 2

Marie Curie was one of the most accomplished scientists in history. Together with her husband, Pierre, she discovered radium, an element widely used for treating cancer, and studied uranium and other radioactive substances. Pierre and Marie's amicable collaboration later helped to unlock the secrets of the atom. Marie was born in 1867 in Warsaw, Poland, where her father was a professor of physics. At an early age, she displayed a brilliant mind and a casual personality. Her great exuberance for learning prompted her to continue with her studies after high school. She became disgruntled, however, when she learned that the university in Warsaw was closed to women. Determined to receive a higher education, she defiantly left Poland in 1891 entered the Sorbonne, a French university, where she earned her master's degree and doctorate in physics.

51. What kind of collaboration helped Curie's to unlock the secrets of the atom?

   (a) Friendly

   (b) Competitive

   (c) Courteous

   (d) Industrious

52. What will best describe Marie Curie's personality?

   (a) Strong

   (b) Light hearted

   (c) Humorous

   (d) Envious

53. A is thrice as good a workman as B and together they finish the work in 15 days. In how many days will A alone finish the work ?

   (a) 24

   (b) 20

   (c) 30

   (d) 18

54. A man walking at a speed of 10 kmph. After every kilometre, he takes rest for 5 min. How much time will he take to cover a distance of 5 km ? (in minutes)

   (a) 38

   (b) 39

   (c) 40

   (d) 50

Directions (55-58): Read the information given below and then answer the questions that follow. There is a family of six persons A, B, C, D, E and F. They professions are Engineer, Doctor, Teacher, Salesman, Manager and Lawyer.

   i. There are two married couples in the family
   ii. The Manager is the grandfather of F, who is an Engineer
   iii. C, the Salesman, is married to the lady Teacher
   iv. B is the mother of F and E
   v. The Doctor, D is married to the Manager

55. How many male members are there in the family?

   (a) Two

   (b) Three

   (c) Four

   (d) Data Inadequate

56. What is the profession of A?

    (a) Lawyer

    (b) Lawyer or Teacher

    (c) Manager

    (d) None of these

57. Who are the two married couples in the family?

    (a) AB and DC

    (b) CF and DE

    (c) AE and DC

    (d) AD and CB

58. How A is related to E?

    (a) Father

    (b) Grandfather

    (c) Mother

    (d) Grandmother

Directions (59-62): The following table shows the number of students in three different degree programs and whether they are graduate or undergraduate students

Degree Program	Under-graduate	Postgraduate
Business	150	50
Engineering	150	25
Arts & Sciences	100	25

59. What is the probability that a randomly selected student is an undergraduate?

    (a) 4/5

    (b) 4/1

    (c) 1/4

    (d) 1/3

60. If we know that a selected student is an undergraduate, what is the probability that he or she is a business major?

    (a) 3/8

    (b) 3/25

    (c) 2/5

    (d) 3/5

61. A student is enrolled in the Arts and Sciences school. What is the probability that the student is an undergraduate student?

    (a) 1/4

    (b) 4/5

    (c) 1/5

    (d) 2/5

62. Business Undergraduates exceed Arts and Science Postgraduates by what percentage ? (in %)

    (a) 125

    (b) 50/3

    (c) 500

    (d) 250/3

63. How many motor vehicle registration number of 4 digits can be formed with the digits 0,1,2,3,4,5,? (No digit being repeated)

    (a) 1080

    (b) 120

    (c) 300

    (d) 360

64. At what time between 2 O' clock and 3 O' clock, will the hands of the clock be in opposite directions ?

(a) 43 7/11 min past 2

(b) 44 1/11 min past 2

(c) 52 8/11 min past 2

(d) 47 3/11 min past 2

65. Five friends participated in a competition. Rita was ranked lower than Sanju. Vicky was ranked higher than Dia. Kamla's rank was between Rita and Vicky. Who was ranked highest ?

(a) Sanju

(b) Vicky

(c) Dia

(d) Kamla

66. Srieha, Avni, Dhruv and Parth participated in a game-show and each earned a different amount. Avni earned more than Parth but not more than Srieha. Dhruv earned less money than Srieha but more than Avni. Who amongst them earned the most ?

(a) Parth

(b) Srieha

(c) Dhruv

(d) Avni

67. If a man were to sell his chair for Rs. 530 and loses 47%. To gain 25% he should see it for

(a) 1000

(b) 1250

(c) 1530

(d) 1047

68. You are the HR manager of your organisation. There is a hard-working employee, Sanjeev, in your organisation. In terms of behaviour, effort and diligence, Sanjeev is one of the top most employees in the company. The issue is that the company is a call-centre for a US based company and the Sanjeev's communication skills are not up to the level. Even after being given training, Sanjeev has not been able to improve his communication skills. What should you do in the given scenario?

(a) Ask Sanjeev to leave.

(b) Provide another training to Sanjeev.

(c) Find another job for Sanjeev.

(d) Change the job role of Sanjeev.

Directions (69-70): The question below consists of a question and two statements numbered I and II given below it. You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and give answer.

a. I alone is sufficient

b. II alone is sufficient

c. Neither I nor II is sufficient

d. Both I and II are sufficient

69. What is the area of the rectangular plot?

I. The length of the plot is 375m

II. The length of the plot is thrice its breadth.

70. How many marks did Babita get in English ?

I. Babita got 24 marks in Maths which is half of what he got in English.

II. Babita's marks in English were 14% of the total marks he got in all the subjects together.

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71. A and B enter into partnership with capital as 7:9. At the end of 8 months, A withdraws. If they receive the profits in the ratio of 8:9 find how long B's capital was used?

   (a) 6 months

   (b) 7 months

   (c) 8 months

   (d) 10 months

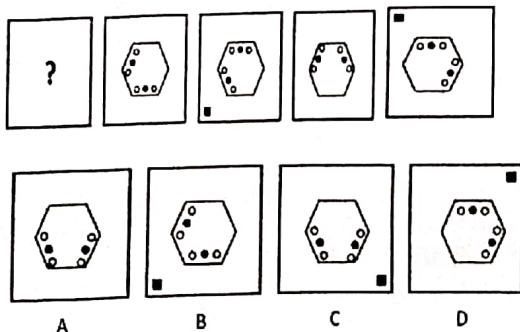72. The H.C.F. of two numbers is 11 and their L.C.M. is 7700. If one of the numbers is 275, then the other is:

   (a) 267

   (b) 318

   (c) 308

   (d) 279

73. Which number is opposite to 6 ?
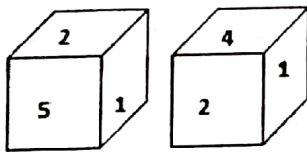
   (a) 1

   (b) 4

   (c) 2

   (d) Either 1 or 2

74. Find the missing figure from the options below

   (a) A

   (b) B

   (c) C

   (d) D

Directions (75-77): Answer the questions based on the information given below.

A college is conducting a rally for a social cause and it make its students to participate for photographs with the specially designed shirts and placards to convey the message. Five people are grouped together, however, Shah doesn't want to stand next to Salma as they have some problems between them. Divya and Vivek wish stand close to each other as there is more understanding between them. Bob has some issues with Vivek as he misbehaved with him in a party and both are at logger heads. Vivek always loves to stand at the extreme right and would seldom compromise the position. How would you arrange them ?

75. If Shah is standing to the extreme left, who is standing in the middle?

   (a) Vivek

   (b) Salma

   (c) Divya

   (d) Bob

76. If Shah stands to the extreme left, who stands fourth from left?

   (a) Divya

   (b) Salma

   (c) Vivek

   (d) Bob

77. If Divya gets a conflict with Vivek and doesn't want to stand next to him and Vivek is ready to give-up his claim on extreme right position while Shah wants to stand second from right, who will stand on extreme right position.

   (a) Divya

   (b) Salma

   (c) Bob

   (d) Cannot be determined.

78. Complete the figure

(a)   (b)   (c)   (d)
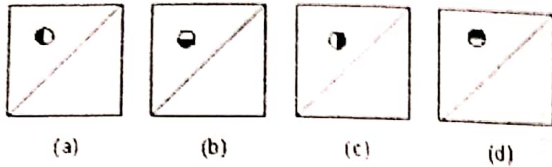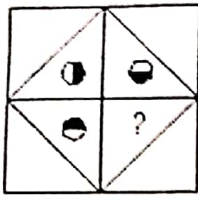
79. How many triangles are there in the following figures?
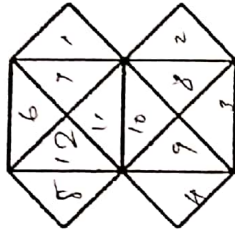
(a) 20

(b) 22

(c) 16

(d) 24

80. In a class of 120 students, 70 students passed in English, 80 students passed in Hindi and 40 students passes in both English and Hindi. How many students failed in both the subjects?

(a) 20

(b) 30

(c) 10

(d) 60

81. In the following figure triangle represents girls, rectangle-players and circle-coach. Which part of the diagram represents the coaches who are players?
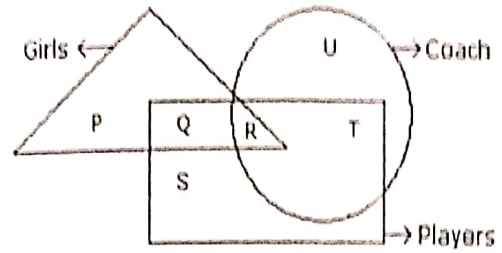
(a) R,T

(b) Q,R,T

(c) T

(d) T,U

82. Statements: Some ships are boats. All boats are submarines. Some submarines are yatches.

Conclusion:

I. Some yatches are boats.

II. Some submarines are boats.

III. Some submarines are ships.

IV. Some yatches are ships

(a) All follow

(b) Only II and III follow

(c) Only III follows

(d) Only IV follows

83. Statements: No watch is cycle. No cycle is Motorbike. Some auto are motorbike

Conclusion:

I. No Motorbike is watch

II. No motor bike is cycle

III. Some cycles are watches

IV. All Motorbikes are watches

(a) Only I and II follow

(b) Only I follows

(c) Only I and III follow

(d) None follows

84. **Statement:**

Some people still listen only to the radio instead of downloading songs. Apparently, they do not want to miss the thrill of accidentally listening to a song that they did not expect to listen to.

Which of the following is a statement that can be inferred from the facts stated in the above statement?

(a) Songs cannot be downloaded from the radio.

(b) Unexpected songs are easier to remember.

(c) Downloading is expensive.

(d) One cannot discover songs by accident when they are downloading them.

85. **Statement:**

Government has asked people with sufficient income to give up the subsidy

Inferences:

I. All citizens do not need the subsidy.

II. Poor people are not getting any subsidy

(a) Only inference I follows

(b) Only inference II follows

(c) Both the inferences follow

(d) None of the inferences follows

86. **Statement:**

Read this notice before entering into the stadium.

Assumptions:

I. People are literate.

II. No blind person comes to the stadium.

(a) Only assumption I is implicit.

(b) Only assumption II is implicit.

(c) Neither I nor II is implicit.

(d) Both I and II are implicit.

87. Find the odd man out.

1, 4, 9, 16, 26, 36

(a) 26

(a) 36

(b) 4

(c) 1

88. The ratio of Boys and Girls in a class is 5:3 respectively. The average of Boys and Girls is 192. What is the number of Girls in the class?

(a) 444

(b) 344

(c) 244

(d) 144

Directions (89-90)

The following diagram gives information about men and women in a certain district. The rectangle represents men, Triangle represents educated, Circle represents urban and square represents government employees.
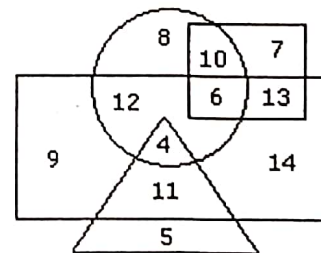
89. Which one of the following represents the educated men but not urban ?

(a) 9

(b) 5

(c) 4

(d) 11

90. Which one of the following represents a woman who is urban as well as government employee ?

(a) 7

(b) 13

(c) 10

(d) None of the above

91. Cost of 6 pens and 3 erasers is 4200. What is the cost of 10 pens and 5 erasers?

(a) 7000

(b) 5000

(c) 5500

(d) 6000

Directions (92-93):

There are six students P, Q, R, S, T, U, each have different weight.

- P is heavier than 3 persons
- Q is lighter than T
- S is lighter than only R
- U is not the lightest
- T is heavier than Q only.

The second heaviest person is 66 kg and the second lightest person is of 32 kg.

92. Who among the person possibly weight 30 kg?

(a) Q

(b) T

(c) U

(d) P

93. Who is the third heaviest person?

(a) P

(b) U

(c) T

(d) Q

94. Some persons sitting in an row, where 'A' is in the 10th position from the left and 'B' is in the 9th position from the right. If 'A' and 'B' letter changed, then 'A' becomes 15th from the left. How many persons and there in the row?

(a) 20

(b) 23

(c) 24

(d) 21

95. If v is coded as +, y is coded as -, z is coded as × and u is coded as / then find the value of 3 v 4 y 5 z 5 u 5 z 2

(a) 3

(b) -3

(c) 5

(d) -5

96. Ramya took a test had 70 questions for 70 marks carrying equal marks. She attended 40 questions and got 8 wrong. The number of more questions she would have to answer correctly to get the pass mark if the pass percentage 60% is

(a) 10

(b) 8

(c) 12

(d) 15

PASSAGE 3

There are four types of persons : "the dead", who deny God and declare that they alone exist, independent, free, self-regulating and self-directed; "the sick", who call upon the Lord when some calamity befalls them or when they feel temporarily deserted; "the dull", who know that the God is eternal companion and watchman, but who remember it only off and on when the idea is potent and powerful; and lastly, "the healthy", who have steady faith in God and who live in His comforting, creative presence, always.

97. "The dead type" symbolizes human as

(a) Atheist

(b) Confident

(c) Liberated

(d) Egoistic

98. Why humans are categorised as healthy?

(a) They have faith in god

(b) They are calm and bolstering

(c) Spiritually boosted

(d) All of the above

Directions (99-100): A team of five is to be selected from amongst five boys A, B, C, D and E and four girls P, Q, R and S. Some criteria for selection are:

- A and S have to be together.

- P cannot be put with R.

- D and Q cannot be together.

- C and E have to be together.

- R cannot be put with B.

99. If R be one of the members, the other members of the team are :

(a) P S A D

(b) Q S A D

(c) Q S C E

(d) S A C E

100. If A and C are members, the other members of the team cannot be :

(a) B E S

(b) D E S

(c) E S P

(d) P Q E

101. An accurate clock shows 7 o'clock in the morning. Through how may degrees will the hour hand rotate when the clock shows 1 o'clock in the afternoon?

(a) 144°

(b) 150°

(c) 168°

(d) 180°

102. What comes in the place of Question Mark?
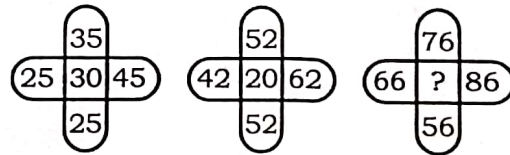
(a) 30

(b) 40

(c) 50

(d) None of the above

Directions (103-104): The below table is filled with the data of the candidates who appeared and passed in the examination from various institutes.

Institute	2014		2015		2016		2017	
	Appeared	Passed	Appeared	Passed	Appeared	Passed	Appeared	Passed
S	1000	500	1500	1000	1500	1200	1000	800
T	800	600	1200	1000	1200	850	1200	700
U	900	700	1500	1300	1000	800	1500	720
V	1000	800	1000	750	1100	700	1400	650

103. The difference between the students who appeared for the examination from Institute S in 2016 and who passed in the examination from Institute V in 2017 is :

    (a)   800

    (b)   850

    (c)   750

    (d)   700

104. What is the average number students who have appeared from Institute U over the given years?

    (a)   1925

    (b)   1900

    (c)   1200

    (d)   1225

105.   ABC : ZYX :: MNO : ?
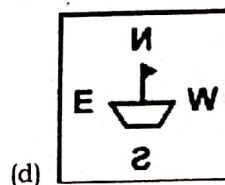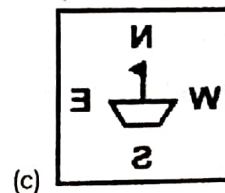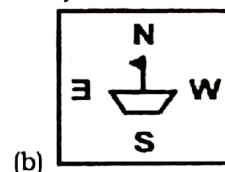
    (a)   NML

    (b)   LMN

    (c)   MNO

    (d)   ONM

106. A man was alone in a desert on a dark night and wanted to reach his village which was situated 10 kms west of the point where he was now. He had no instrument to find out the direction but he located the polestar. The most convenient way now to reach his village is to walk in the

    (a)   Direction facing the polestar.

    (b)   Direction opposite to the polestar.

    (c)   Direction keeping the polestar to his left.

    (d)   Direction keeping the polestar to his right.

107. If yellow is called red, red is called blue, blue is called white, white is called orange then what is the colour of blood?

    (a)   Red

    (b)   Blue

    (c)   Orange

    (d)   Cannot be determined.

108. If AB is the mirror, what is the mirror image of the below given figure?


All Competitive exam Xerox materials available @ Prithivi Prints, 12th main road, Annanagar, Chennai.
Whatsapp/Telegram: 6369745202, Email: prithiviprints@gmail.com (Courier facilities available)

Scanned by CamScanner
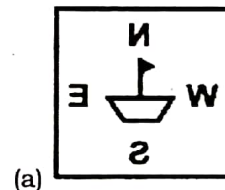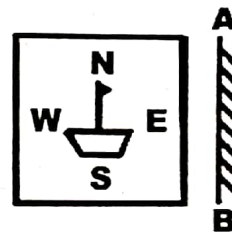
109. Statement: Researchers have found the increasing use of pesticides, responsible for stomach cancer.

Inference:

I.   The researchers are looking for factors responsible for stomach cancer.

II. Farmers are unaware of the ill-effects of pesticides.

(a) Only inference I follows

(b) Only inference II follows

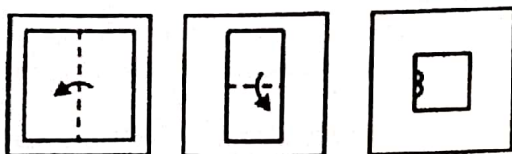(c) Both the inferences follow

(d) None of the inferences follows

(a)

(b)

(c)

(d)
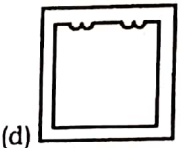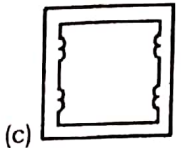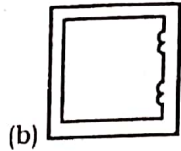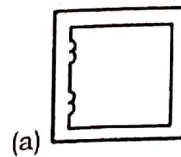
110.   What is the value of A?

18 (9) 3	
36 (30) 5	
19 (A) 18	

(a) 33

(b) 57

(c) 75

(d) 96

111.   A piece of paper is folded and punches as shown below. From the given answer figures, indicate how it will appear when opened?

112.   Alice is packing her bags for her vacation. She has 5 unique action figures, but only 3 fit in her bag. How many different groups of 3 action figures toys can she take?

(a) 10

(b) 15

(c) 20

(d) 25

113.   Arrange the following in a logical order:

1. Plot   2. Rent   3. 3D Plan

4. Engineer   5. Building

(a) 1,3,4,5,2

(b) 1,4,3,5,2

(c) 1,3,4,2,5

(d) None of the above

PASSAGE 4

Directions (114-116): Read the following information carefully and answer the questions which follow:

Long ago in Mongolia there lived an emperor who feared growing old. One day he saw an old man in the street. Upset at being reminded that someday he too would age he ordered all the Old people to leave his land. One day a violent storm swept the kingdom. Nothing was safe from its fury. It roared into the palace and blew away the emperor's belongings including his priceless golden pitcher. When the storm ended the emperor ordered that the pitcher be found and brought back to him. People went in search of the pitcher. They saw it in a lake nearby. But no matter who tried no one could get a grip on the pitcher. All they got was a handful of water yet it could be plainly seen glittering and just below the water surface.

114. The emperor was upset to see the old man because

   (a) It reminded him that he might fall ill.

   (b) It reminded him that he would grow old too.

   (c) It reminded him that he had to colour his hair.

   (d) It reminded him of his grandfather.

115. The people saw the golden pitcher

   (a) In a lake nearby.

   (b) In a pit nearby.

   (c) Inside the palace.

   (d) In a river nearby.

116. The emperor's orders were that all the

   (a) Old men should leave his land.

   (b) Old men should live in his land.

   (c) Young men should stay in his land.

   (d) Children should leave his land.

117. 24 buses are running between two places P and Q. In how many ways can a person go from P to Q and return by a different bus?

   (a) 600

   (b) 576

   (c) 552

   (d) None of these

118. Examine the following a series answer the question that follow.

   D 1 + 3 F $ P * ($ 7 $ % 9 @ P L 4 &

   Which of the following is 2nd to the right of the 10th from the left?

   (a) 1

   (b) $

   (c) %

   (d) None of the above

119. There are three friends P, Q, and R. P is three years younger than R and three years older than Q. Q has a twin L. What is the age difference between R and L?

   (a) 3

   (b) 6

   (c) 9

   (d) Cannot be determined

120. In how many ways the persons A, B, C, D and E can occupy five chairs with the condition that the person C always has to sit on the second chair ?

   (a) 64

   (b) 120

   (c) 24

   (d) None of the above