Directions (Questions 1-3): Choose the word which best expresses the meaning of the underlined word in the sentence.

1. He has drawn into the vortex of politics at a very early age.
a) Whirlpool
b) field
c) arena
d) hell
2. He has the propensity for getting into debt.
a) Characteristic
b) quality
c) tendency
d) aptitude
3. The need of the hour is to initiate the renaissance of moral conscience and halt the rampant corruption, for it could even hasten the end of our civilization.
a) Rise
b) introduction
c) revival
d) significance

Directions (Questions 4-6): Choose the word which is opposite in meaning of the underlined word in the sentence.
4. She is beautiful as well as frivolous.
a) Indecent
b) serious
c) insane
d) rude
5. You must quote examples to support your system.
a) Reveal
b) restrain
c) contradict
d) adduce
6. It is obligatory for a common citizen to follow the rules.
a) Optional
b) superfluous
c) necessary
d) advisable

Directions (Questions 7-10): In each of these questions, choose the option which can be substituted for the given words.
7. Stealing from the writings of others
a) Copying
b) Reframing
c) Reproducing
d) Plagiarism
8. A person with full discretionary powers to act on behalf of country
a) Ambassador
b) Emissary
c) Plenipotentiary
d) Envoy
9. Design made by putting together coloured pieces of glass or stones
a) Oleograph
b) Mosaic
c) Tracery
d) Relief
10. A temporary, usually brief and often surprising change from what is normal or accepted as standard
a) Abhorrence
b) Abet
c) Abeyance
d) Aberration

Directions (Questions 11-14): Choose the option which best expresses the meaning of the underlined idiom/phrase.
11. I just paid him a left-handed compliment.
a) An honest
b) a well deserved
c) an insincere
d) a flattering
12. The train was late and we had to kick our heels.
a) Runfast
b) wait eagerly
c) waste time
d) play some game
13. A movement for the world unity in the offing.
a) At the end
b) about to start
c) on decline
d) in the air
14. It is evident from the minister's statement that heads will roll.
a) Government will change
b) transfers will take place
c) dismissals will occur
d) heads of department will have to repent

Directions (Questions 15-16): Choose the correctly spelt word.
15. a) exagerate
b) exagarate
c) exaggerate
d) exeggerate
16. a) acquiescence
b) aquicence
c) acquisence
d) acquissence

Directions (Questions 17-18): Choose the part that has an error.
17. a) You can get
b) all the information that you want
c) in this book
d) No error.
18. a) They have been
b) very close friends
c) until they quarreled.
d) No error
19. a) It is the duty of every citizen to do his utmost
b) to defend the hardly-won
c) freedom of the country.
d) No error
20. a) I shall certainly
b) write you
c) when I shall reach New Delhi.
d) No error

Directions (Questions 21-25): Fill in the blank with the most appropriate word/phrase that best completes the sentence.
21. The conditions $\qquad$ this project have not been met.
a) Of completion
b) for the completion
c) of complete
d) for the completion of
22. I shall finish the work $\qquad$ four days.
a) By
b) within
c) at
d) on
23. One difficulty $\qquad$ at night is limited vision.
a) With driving
b) be driven
c) to drive
d) will drive
24. One must know ..... roots and never forget them.
a)
b) his
c) one's
d) none
25. Shyam jumped $\qquad$ the cliff, but still survived with minor injuries.
a) From
b) off
c) in
d) none

Arrowheads, which are ancient hunting tools, are often themselves 'hunted' for interesting value both as artifacts and as art. Some of the oldest arrowheads in the United States date back 12,000 years. They are not very difficult to find. You need only to walk with downcast eyes in a field that has been recently tilled for the spring planting season and you might find one. Arrowheads are tiny stones or pieces of wood,
bone or metal, which have been sharpened in order to create a tipped weapon used in hunting. The material is honed at an edge, usually in a triangular fashion and is brought to a deadly tip. On the edge opposite the tip is a flared tail. Though, designs vary depending on the region, purpose and era of the arrowhead's origin, the tails serve the same purpose. The tail of the arrowhead in meant to be strapped onto a shaft, which is a straight wooden piece such as a spear or an arrow. When combined, the arrowhead point and the shaft becomes a lethal projectile weapon to be thrown by arm or shot with a bow at prey.
Indian arrowheads are important artifacts that give archaeologists (scientists who study past human societies) clues about the lives of Native Americans. By analyzing an arrowhead's shape, they can determine the advancement of tool technologies among certain Native American groups. By determining the origin the arrowhead material (bone, rock, wood, or metal), they can trace the patterns of travel and trade of the hunters. By examining the location of the arrowheads, archaeologists can map out hunting grounds and other social patterns. Arrowheads are commonly found along riverbanks or near creek beds because animals drawn to natural water sources to sustain life were regularly found drinking along the banks. For this reason, riverbeds were a prime hunting ground for the Native Americans. Now, dry and active riverbeds are prime hunting grounds for arrowhead collectors. Indian arrowheads are tiny pieces of history that fit in the palm of your hand. They are diary entries in the life of a hunter. They are museum pieces that hide in the dirt. They are symbolic of the eternal struggle between life and death.
26. According to the passage, which option best defines the word projectile?
A) Shaped like a triangle
B) Unsophisticated in form
C) Designed to be thrown
D) No longer in use
27. According to the passage, which is the best antonym for 'honed'?
A) Flattened
B) Chopped
C) Dulled
D) Baked
28. Which of the following best summarises the main idea of the third passage?
A) Archaeologists can determine many things about Native American societies simply by looking an arrowhead
B) Archaeologists are scientists, who study a range of events that have already occurred
C) Arrowheads represent the only way to determine how Native Americans lived in the past
D) Archaeologists know so much about ancient societies because they have conducted extensive research about them
29. Which of the following would be the best title for the passage?
A) Native American foods and hunting
B) The significance of the arrowhead
C) How an archaeologist finds artifacts
D) Spring hobbies
30. According to the passage, which material is not used in making arrowheads?
A) Wood
B) Glass
C) Bone
D) Stone

Perhaps the best symbol of Gandhiji's philosophy is the two parallel bars of the equal size. All nations, races, religions and persons were equal though not similar. Gandhiji did not exclude preference; he preferred Hinduism, he loved India more than other countries, he wrapped some of his immediate associates in tender affection. But nobody was second-class. He abhorred status and worked all his life against its ugly manifestations in India, the caste system, the torture of the untouchables, pride and provincial and religious separation.
31. 'The two parallel bars of the equal size' in the passage stands for
A) Unity in diversity
B) Equality for all
C) Equal distance between all nations
D) Equally in spite of distinct identity
32. 'Gandhiji did not exclude preferences' means
A) He disapproved of people having any preferences
B) He particularly approved of people having preferences
C) He did not see anything wrong in people exercising their choice
D) None of the above
33. The expressed he 'wrapped some of his immediate associates in tender associates in tender affection' means that he
A) Had great affection for the members of his family who were nearest to him
B) Loved equally all who came in contact with him
C) Showed special attachment to those who were a part of his inner circle
D) Kept himself aloof from any preferential attachment to any caste or group
34. In the given passage, status stands for
A) A preferential position in society
B) Standing in one's own circle
C) False show of pride in one's possessions
D) A person's relation to others as fixed by law
35. The most appropriate title for the passage will be
A) Gandhiji on casteism
B) Gandhiji's pragmatism
C) Gandhiji's abhorrence of status
D) Gandhiji's preferences

There is no general agreement about how the planets were formed. The most widely accepted theory is that about 5000 million years ago swirling clouds of matter began to condense. Through the action of centrifugal force, the heavier molecules were concentrated near the centre of the eddies and the lighter, gaseous material was thrown out towards the periphery. Such is the theory. What is know is that 8 satellites began orbiting round the Sun. These are the planets. The planet, on which human lives is the $3^{\text {rd }}$ closest to the Sun, with the $3^{\text {rd }}$ shortest orbit. It also has been something none of the others has an atmosphere that can support life in all the manifold forms that exist on our planet. There may be satellites circling other stars in other parts of the universe that have right ingredients for some sort of life to evolve, but the Earth is the only one in the solar system.
36. According to the passage, the planets are
A) Nothing, but condensed clouds
B) A collection of gaseous material
C) A collection of condensed swirling material
D) A collection of centrifugal forces
37. The theory of the formation of planets
A) Is generally agreed upon by everyone
B) Is a debatable one
C) Covers a very wide area
D) Is fairly well known
38. One essential difference between the Earth and the other planets is that
A) The atmosphere of the Earth makes possible the presence of life on it
B) The Earth draws the heavier molecules into its centre through the action of the centrifugal force
C) Only Earth is on the periphery of the solar system
D) The Earth has the capacity to come into closer contact with the Sun
39. The writer claims that the life supporting atmosphere
A) Is there on other planets in the solar system
B) May be there on other satellites in the solar system
C) May evolve on other satellites circling other stars in the universe
D) Cannot evolve anywhere outside the Earth
40. In the above passage, 'manifold' means
A) Earth is the only planet on which life exists
B) Earth is having the $3^{\text {rd }}$ shortest orbitering life
C) Supports life in all the various forms which exist on the Earth
D) Supports the life of human beings only

The Indian middle class consist of so many strata that it defies categorization under a single term class, which would imply a considerable degree of homogeneity. Yet two paradoxical features characterize its conduct fairly uniformly; extensive practice and intensive abhorrence of corruption. In the several recent surveys of popular perceptions of corruptions, politicians of course invariably and understandably top the list, closely followed by bureaucrats, policemen, lawyers, businessmen and others. The quintessential middle class. If teachers do not figure high on this priority list, it is not for lack of trying, but for lack of opportunities. Over the years, the sense of shock over acts of corruption in the middle class has witnessed a steady decline, as its ambitions for a better material life have soared but the resources for meeting such ambitions have not kept pace. What is fascinating, however, is the intense yearning of this class for a clean corruption less politics and society, a yearning that has again and again surfaced with any figure public or obscure, focus on his mission of eradicating corruption. Even the repeated failure of this promise on virtually every man's part has not subjected it to the law of diminishing returns.
41. The intense Middle Class intensely yearns for
A. better material resources B. extensive practice of corruption C. clean honest society D. law of increasing returns
42. Teachers are not high on the list of corruption because they do not have
A. courage $B$. opportunities $C$. support $D$. ambition
43. The Indian Middle class is
A. defiant B. mysterious C. homogeneous D. stratified
44. Who is on top of the list of corruption?
A. businessmen B. lawyers C. politicians D. policemen
45. This yearning, over the years, has
A. persisted B. soared C. declined D. disappeared

He saw nothing, he had no knife or sharp instrument, the grating of the window was of iron and he had too often assured himself of its solidity. His furniture consisted of a bed, a chair, a table, a pail, and a jug. The bed had iron clamps, but they were screwed to the wall and it would have required a screwdriver to take them off. Dantes had but one resource which was to break the jug and with one of the sharp fragments attack the wall. He left the jug fall on the floor and it broke in pieces. He concealed two or three of the sharpest fragments in his bed, leaving the rest on the floor. The breaking of the jug was too natural an accident to excite suspicion, and next morning gaoler went grumblingly to fetch another, without giving himself the trouble to remove the fragments. Dantes heard joyfully the key grate in the lock as guard departed.
46. Dantes was in
A. a hostel
B. a dining room
C. an army barrack
D. a prison
47. Dantes heard the key grate in the lock when the
A. cell door was shut B. cell door was opened C. storeroom was opened D. storeroom was shut
48. The guard left the fragments because he
A. didn't notice them B. wished to punish Dantes C. was too lazy to bother D. wanted Dantes to clear up
49. Dantes probably broke the jug
A. in the morning
B. during the night
C. after breakfast
D. at exactly 3pm
50. Dantes was planning to
A. carve his name
B. make his escape
C. tease the guard
D. call for breakfast

## Section 2: Quantitative Aptitude

51. A train running at $8 / 11$ of its original speed reached a place in 5.5 hrs . How much time could be saved if the train would have run at its original speed?
A) 1.5 hrs
B) 2 hrs
C) 2.5 hrs
D) Can't be determined
52. A sum of Rs. 4558 is divided among $A, B$ and $C$ such that $A$ receives $20 \%$ more than $C$ and $C$ receives $25 \%$ less than $B$. What is A's share?
A) Rs .1548
B) Rs. 1720
C) Rs. 1290
D) Rs. 1345
53. If A's salary is $25 \%$ more than $B^{\prime}$ s, then how much percent is $B^{\prime}$ 's salary less than $A^{\prime} s$ ?
A) $16.06 \%$
B) $20 \%$
C) $12.33 \%$
D) $15 \%$
54. One fourth of $60 \%$ of a number is equal to two-fifth of $20 \%$ of another number. What is the ratio of the first number to the second number?
A) $4: 3$
B) $8: 15$
C) $7: 13$
D) $12: 13$
55. A train of length 150 m takes 10 s to pass another train 100 m long coming from the opposite direction. If the speed of the first train is $36 \mathrm{~km} / \mathrm{hr}$, the speed of the other train is
A) $36 \mathrm{~km} / \mathrm{hr}$
B) $48 \mathrm{~km} / \mathrm{hr}$
C) $54 \mathrm{~km} / \mathrm{hr}$
D) $5 \mathrm{~km} / \mathrm{hr}$
56. Sujata spent $15 \%$ of her monthly income on food and $25 \%$ on his children. She spent $40 \%$ of the remaining on recreation and sports and $20 \%$ on clothes. She is left with Rs. 5760 . What is her income?
A) Rs. 24000
B) Rs. 25500
C) Rs. 27800
D) Rs. 28000
57. A sum of Rs. 8000 was lent partly at $7 \%$ and partly at $9 \%$ SI. If the total interest was Rs.620. The ratio in which the money was lent at given rates is
A) $5: 3$
B) $1: 4$
C) $2: 3$
D) $3: 4$
58. The difference between the Cl and SI on a certain sum at $5 \%$ for 2 yrs is Rs.1.50. The sum is
A) Rs. 600
B) Rs. 500
C) Rs. 400
D) Rs. 300
59. A sum of Rs. 500 amounts to Rs. 650 in 3yrs at SI. If the rate of interest is increased by 3\%, then it would amount to?
A) Rs. 995
B) Rs. 595
C) Rs. 695
D) Rs. 895
60. The price of rice decreases by $6.25 \%$ and because of this reduction, kajal is able to buy 1 kg more for Rs. 120 . Find the reduced rate of rice.
A) $7.50 / \mathrm{kg}$
B) $9 / \mathrm{kg}$
C) $5.50 / \mathrm{Kg}$
D) $19 / \mathrm{kg}$
61. 20 men can complete one-third of the work in 20days. How many more men are required to finish the remaining work in 25 more days?
A) 15
B) 18
C) 12
D) 25
62. Through an inlet, a tank takes 8 hrs to get filled up. Due to a leak in bottom, it takes 2 more hours to get it completely filled. If the tank is full, how much time will the leak take to empty it?
A) 16 h
B) 20 h
C) 32 h
D) 40 h
63. A wire is in the form of a circle of radius 42 cm . If it is bent into a square then the area of square will be
A) $4200 \mathrm{~cm}^{2}$
B) $4356 \mathrm{~cm}^{2}$
C) $4720 \mathrm{~cm}^{2}$
D) $4400 \mathrm{~cm}^{2}$
64. A man rows a boat 18 km in 4 hr downstream and returns upstream in 12 hrs . The speed of the stream (in km/hr) is
A) 1
B) 1.5
C) 2
D) 1.75
65. In what time will the SI be $2 / 5$ of the principle at $8 \%$ per annum?
A) 8 yr
B) 7 yr
C) 5 yr
D) $6 y r$
66. A is thrice good as worker and takes 8 days less to do a piece of work. In how many days B do the work?
A) 16
B) 12
C) 8
D) 10
67. Find the sum odd numbers between 1 and 100 .
A) 1600
B) 1900
C) 2500
D) 2900
68. Present age of Rani and Kavi are in the ratio 5:6. After 7yrs, the ratio will be 6:7. What is Rani's present age?
A) 30
B) 28
C) 35
D) 40
69. Find the smallest 5 digit number which is exactly divisible by $16,24,36$ and 54 .
A) 10364
B) 10368
C) 10366
D) 10362
70. A dishonest milkman professes to sell his milk at cost price but he mixes water and gains $25 \%$. The percentage of water in the mixture is
A) $4 \%$
B) $6.5 \%$
C) $20 \%$
D) $25 \%$

## Section 3: Reasoning Ability

Directions (Questions 71-74): Complete the series:
71. $1,4,10,22,46$, ?
a) 64
b) 86
c) 94
d) 122
72. $3,7,15, ?, 63,127$
a) 30
b) 31
c) 47
d) 52
73. $\mathrm{AZ}, \mathrm{GT}, \mathrm{MN}$, ?, YB
a) JH
b) SH
c) SK
d) TS
74. AYD, BVF, DRH, ? , KGL
a) FMI
b) GMJ
c) GLJ
d) HLK

Eight friends $A, B, C, D, E, F, G$ and $H$ are sitting in a circle facing the centre. $B$ is sitting between $G$ and $D . H$ is third to the left of $B$ and second to the right of $A$. $C$ is sitting between $A$ and $G$ and $B$ and $E$ are not sitting opposite to each other.
75. Who is third to the left of $D$ ?
A F
B) E
C) A
D) None of these
76. In a certain code, EAT is written as 318 and CHAIR is written as 24156 . What will TEACHER be written as?
A) 8312346
B) 8321436
C) 8312436
D) 8313426
77. A clock is so placed that at 12 noon its minute hand points towards North-East. In which direction does its hour hand point at 1:30pm?
A) North
B) South
C) East
D) West
78. Sachin ranks seventh from top and twenty sixth from the bottom in a class. How many students are there in the class?
A) 31
B) 32
C) 33
D) 34
79. If 'white is called blue', 'blue is called red', 'red is called yellow', 'yellow is called green', 'green is called black', 'black is called violet' and 'violet is called orange'. What would be the color of human blood?
A) Red
B) Green
C) Yellow
D) Violet
80. In a certain language, 'you may now leave' is written as 'ho na ta ja', 'leave and go' is written as 'na pa da' and 'now come back' is written as 'sa ho ga'. How is 'may' written in that code?
A) Ho
B) ja
C) ta
D) ja or ta

## Directions (Questions 81-82):

a) If only conclusion 1 follows;
b) If only conclusion 2 follows;
c) If either 1 or 2 follows;
d) If neither 1 nor 2 follows.
81. Statement: Smoking is dangerous. Rash driving is dangerous.

## Conclusions:

1. Rash driving is smoking.
2. Smoking is rash driving.
3. Statement: Some cooks are young. All boys are young. Conclusions:
4. Some boys are cooks.
5. Some cooks are boys.

Directions (Questions 83-84):
a) If only argument 1 is strong;
b) If only argument 2 is strong;
c) If neither argument 1 nor 2 is strong;
d) If both 1 and 2 are strong.
83. Should private organizations be allowed to carry on security related research activities?

Arguments:

1. No, private organizations are easily vulnerable to our enemies and therefore, they should not be permitted to carry on such researches.
2. Yes, the Government has no sufficient resources to carry on such researches and the private organizations would manage necessary resources.
3. Should there be recruitment in banks on the basis of past academic performance rather through competitive examinations?

## Arguments:

1. Yes, it will be beneficial for those who are unable to bear the expenses of the competitive examinations.
2. No, the past academic performance cannot be made the basic of recruitment because there is no uniformity in the assessment by the universities.
3. Mango : Fruit : : Potato : ?
a) Root
b) Fruit
c) Stem
d) Flower

## Section 4: General Awareness

86. Bhagalpur is famous for
a) Silk
b) brocade
c) pashmina
d) kantha
87. Classical dance form 'Mohiniattam' comes from
a) Mizoram
b) Meghalaya
c) M.P.
d) Kerala
88. Cooking gas is a mixture of
a) Ethane \& ethylene
b) propane\&ethylene
c) butane\&propane
d) butane \& ethane
89. The smallest union territory is
a) Chandigarh
b) Puducherry
c) Lakshwadweep
d) Andaman \& Nicobar
90. Who was the last Mughal emperor in India?
a) Tipu Sultan
b) Sher Shah Suri
c) Bahadur Shah Zafar
d) Asaf Ali
91. Van Heusen is a brand owned by
a) Arvind Group
b) Aditya Birla
c) ITC Ltd.
d) Landmark
92. The parent company of lifestyle is
a) Landmark
b) Arvind Group
c) Madura
d) Reliance
93. What is the colour of Emerald?
a) Blue
b) Green
c) Red
d) Yellow
94. India's position in the 2018 Asian Games, held in Indonesia, was
a) $5^{\text {th }}$
b) $6^{\text {th }}$
c) $7^{\text {th }}$
d) $8^{\text {th }}$
95. Who has been appointed the UNICEF India's first youth ambassador?
a) Dia Mirza
b) Hima Das
c) Mary Kom
d) None of these
96. One8 is a brand owned by
a) MS Dhoni
b) Virat Kohli
c) Tiger Shroff
d) Sachin Tendulkar
97. The parent company of 'Roadster' is
a) Amazon
b) Myntra
c) Reliance
d) None of these
98. Who is the author of the book 'Nehru and Bose: Parallel Lives'?
a) Raghuram Rajan
b) Anuj Dhar
c) Sanjaya Baru
d) Rudrangshu Mukherjee
99. Who is the CEO of Paytm Payments Bank?
a) Vijay Shekhar Sharma b)
b) Satish Kumar Gupta
c) Dinesh Paliwal
d) Rajeev Suri
100. Who is the brand ambassador of BATA India?
a) Alia Bhatt
b) Rani Mukherjee
c) Kriti Sanon
d) Disha Patani
