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L&T INFOTECH Campus recruitment question papers with answer
Hi friends, I have just appeared L&T Infotech selection procedure for SET (software engineer trainee)

1.Aptitude

There are three different sets of paper pink,yellow and white,each having 90 questions to be solved in 90min.(sectional cutoff)

Each paper consists three sections.I got the sec A which was of white colour.

1.Quantitative(30Q)

2.verbal and nonverbal(30Q)

3.English section(30Q)

L n T Infotech WRITTEN TEST

Total 90 questions , 90 minutes ---SECTIONAL CUTOFF IS THERE

1. Aptitude (30 quest)

2. Reasoning (30 quest)

3. English (30 quest)

L n T Infotech 1. Aptitude (30 quest)

1. The average salary of 3 workers is 95 Rs. per week. If one earns Rs.115 and second earns Rs.65 how much is the salary of the 3rd worker.

Ans.105.

2. A 16 store building has 12000 sq.feet on each floor. Company A rents 7 floors and company B rents 4 floors. What is the number of sq.feet of unrented floor space.

Ans.60000

3.During a given week A programmer spends $\frac{1}{4}$ of his time preparing flow chart, $\frac{3}{8}$ of his time coding and the rest of the time in debugging the programs. If he works 48 hours during the week , how many hours did he spend debugging the program.

Ans. 18.

4. A company installed 36 machines at the beginning of the year. In March they installed 9 additional machines and then disconnected 18 in August. How many were still installed at the end of the year.

Ans. 27

5. A man owns $\frac{2}{3}$ of the market research bureau business and sells $\frac{3}{4}$ of his shares for Rs. 75000. What

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is the value of Business ?

Ans.150000

6. If 12 file cabinets require 18 feet of wall space, how many feet of wall space will 30 cabinets require?
Ans.45

7. A computer printer produced 176,400 lines in a given day. If the printer was in operation for seven hours during the day, how many lines did it print per minute?
Ans.420

8. From its total income, A sales company spent Rs.20,000 for advertising, half of the remainder on commissions and had Rs.6000 left. What was its total income?
Ans.32000

9. On Monday a banker processed a batch of cheques, on Tuesday she processed three times as many, and on Wednesday she processed 4000 cheques. In the three days, she processed 16000 cheques. How many did she process on Tuesday?
Ans.9000

10. The cost of four dozen proof machine ribbons and five dozen accounting machine ribbons was Rs.160/-. If one dozen accounting machine ribbons cost Rs.20/-, what is the cost of a dozen proof machine ribbons?
Ans.Rs.15

11. If a clerk can process 80 cheques in half an hour, how many cheques can she process in a seven and one half hour day?
Ans.1200

12. In a library, there are two racks with 40 books per rack. On a given day, 30 books were issued. What fraction remained in the racks?
Ans.5/8

13. The average length of three tapes is 6800 feet. None of the tapes is less than 6400 feet. What is the greatest possible length of one of the other tapes?
Ans.7600

14. A company rented a machine for Rs.700/- a month. Five years later the treasurer calculated that if the company had purchased the machine and paid Rs.100/- monthly maintenance charge, the company would have saved Rs.2000/-. What was the purchase price of the machine?
Ans.Rs.34000

15. Two computers each produced 48000 public utility bills in a day. One computer printed bills at the rate of 9600 an hour and the other at the rate of 7800 an hour. When the first computer finished its run, how many bills did the other computer still have to print?
Ans.9000

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16. If a salesman's average is a new order every other week, he will break the office record of the year. However, after 28 weeks, he is six orders behind schedule. In what proportion of the remaining weeks does he have to

obtain a new order to break the record?

Ans. $\frac{3}{4}$

17. On a given day, a bank had 16000 cheques returned by customers. Inspection of the first 800 cheques indicated that 100 of those 800 had errors and were therefore not available immediately for data processing. On this basis, how many cheques would be available immediately for data processing on that day?

Ans. 14000

18. A tape manufacturer reduces the price of his heavy duty tape from Rs.30/- to Rs.28/- a reel and the price of a regular tape from Rs.24/- to Rs.23/- a reel. A computing centre normally spends Rs.1440/- a month for tapes

and $\frac{3}{4}$ of this is for heavy duty tapes. How much will they save a month under the new prices?

Ans. Rs.87

19. The dimensions of a certain machine are 48" X 30" X 52". If the size of the machine is increased proportionately until the sum of its dimensions equals 156", what will be the increase in the shortest side?

Ans. 6"

20. In a certain company, 20% of the men and 40% of the women attended the annual company picnic. If 35% of all the employees are men, what percent of all the employees went to the picnic?

Ans. 33%

21. It cost a college Rs.0.70 a copy to produce a Programme for the homecoming football game. If Rs.15,000/- was received for advertisements in the programme, how many copies at Rs.0.50 a copy must be sold to make a profit of Rs.8000/- ?

Ans. 35000

22. If the digits of my present age are reversed then I get the age of my son. If 1 year ago my age was twice as that of my son. Find my present age.

Ans. father-73, son-37

23. There are 6561 balls out of them 1 is heavy. Find the min. no. of times the balls have to be weighed for finding out the heavy ball.

Ans. 8

24. If I walk with 30 miles/hr I reach 1 hour before and if I walk with 20 miles/hr I reach 1 hour late. Find the distance between 2 points and the exact time of reaching destination is 11 am then find the speed with which it walks.

Ans. 120 miles and 24 miles/hr

25. A thief steals half the total no of loaves of bread plus $\frac{1}{2}$ loaf from a bakery. A second thief steals half the remaining no of loaves plus $\frac{1}{2}$ loaf and so on. After the 5th thief has stolen there are no more loaves

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left in the bakery. What was the total no of loaves did the bakery have at the beginning.
Ans: 31.

26. A person needs 6 steps to cover a distance of one slab. If he increases his foot length (step length) by 3 inches he needs only 5 steps to cover the slabs length. What is the length of the each slab.
Ans: 31 inches.

27. There are 19 red balls and one black ball. Ten balls are put in one jar and the remaining 10 are put in another jar. What is the possibility that the black is in the right jar.
Ans: 1/2.

28. There is one lily in the pond on 1st june . There are two in the pond on 2nd june . There are four on 3rd june and so on. The pond is full with lilies by the end of the june .
(i) On which date the pond is half full?
Ans: 29th.

29. A lorry starts from Banglore to Mysore at 6.00 A.M, 7.00 A.M, 8.00 am.....10 pm. Similarly one another starts from Mysore to Banglore at 6.00 am,7.00 am, 8.00 am.....10.00pm. A lorry takes 9 hours to travel from Banglore to Mysore and vice versa.
(i) A lorry which has started at 6.00 am will cross how many lorries.
Ans: 10.

30. A person meets a train at a railway station coming daily at a particular time . One day he is late by 25 minutes, and he meets the train 5 k.m. before the station. If his speed is 12 kmph, what is the speed of the train ?
Ans: 60 kmph

2. Reasoning (30 quest)

Answer Questions 1 to 5 on the basis of the information given below:

The only people to attend a conference were four ship captains and the first mates of three of those captains. The captains were L, M, N and O; the first mates were A, D and G Each person in turn delivered a report to the assembly as follows:

Each of the first mates delivered their report exactly after his or her captain. The first captain to speak was M, and captain N spoke after him.

1. Among the following which is not an appropriate order of delivered reports?

- M, A, N, G, O, L, D
- M, D, N, G, L, O, A
- M, N, A, L, D, O, G
- M, N, A, O, D, L, G
- M, N, G, D, O, L, A

Ans : E

2. In case L speaks after A, and A is the third of the first mates to speak, then among the following statements which would be untrue?

O spoke immediately after G.

The order of the first four speakers was M, G, N, D.

O's first mate was present.

A was the fourth speaker after M.

The captains spoke in the order M, N, O, L.

Ans : D

3. Among the following statements which statement must be true?

In case the second speaker was a captain, the seventh speaker was a first mate.

In case the second speaker was a first mate, the seventh speaker was a captain.

In case the third speaker was a first mate, the seventh speaker was a captain.

In case the third speaker was a captain, the seventh speaker was a first mate.

In case the seventh speaker was a first mate, the first and third speakers were captains.

Ans : A

4. In case A spoke immediately after L and immediately before O, and O was not the last speaker, L spoke

second

third

fourth

fifth

sixth

Ans : C

5. In case G is M's first mate, D could be the person who spoke immediately

prior to T

prior to L

prior to V

after T

after V

Ans : D

6. At the college entrance exam, a candidate is admitted according to whether he has passed or failed the test. Of the candidates who are really capable, 80 % pass the test and of the incapable, 25 % pass the test.

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Given that 40 % of the candidates are really capable, then the proportion of the really capable students who can pass the test to the total students who can pass is about:

A. 68% B. 70% C. 75% D. 73%

Ans: B

7. Excluding stoppages, the speed of a bus is 54 km/hr and including stoppages, it is 45 km/hr. For how many minutes does the bus stop per hour ?

A. 12 B. 10 C. 9 D. 15

Ans: B

8. A boy goes to see a film and finds a man who is his relative. The man is the husband of the sister of his mother. How is the man related to the boy?

A. Uncle B. Brother C. Nephew D. None of the above

Ans: A

9. The ratio between the number of passengers travelling by I & II Class between two railway stations is 1 : 50, whereas the ratio of the I & II Class fares between the same stations is 3 : 1. If on a particular day, Rs. 1325 were collected from the passengers travelling between these stations, what was the amount collected from the II Class passengers ?

A. Rs.1250 B. Rs. 1100 C. Rs. 1000 D. Rs.1150

Ans: A

10. When Rajeev was born, his father was 32 years older than his brother and his mother was 25 years older than his sister. If Rajeev's brother is 6 years older than Rajeev and his mother is 3 years younger than his father, how old was Rajeev's sister when Rajeev was born?

A. 15 Years B. 7 Years C. 17 Years D. 10 Years

Ans: D

11. If STRAY is coded as TUSBZ then how will MOURN be coded?

- (A) LPVSO
- (B) NPVSO
- (C) NVPSO
- (D) NPSVO
- (E) None of these

Ans : (B)

12. If MAGIC is coded as PXJFF then how will LEASH be coded?

- (A) PBDVD
- (B) OBDVL
- (C) OHEOK
- (D) OBDPK
- (E) None of these

Ans : (D)

13. If DOWN is coded as FQYP then how will WITH be coded?

- (A) KYN
- (B) JYK
- (C) YKVJ
- (D) JKVY
- (E) None of these

Ans : (C)

14. If BINARY is coded as DHPZTK then how will KIDNAP be coded?

- (A) MKFPCQ
- (B) MHFPZQ
- (C) IKFMYO
- (D) MHFMCO
- (E) None of these

Ans : (D)

15. If RASCAL is coded as QZRBZK then how will SOLDER be coded?

- (A) RNMEDQ
- (B) RPKEDS
- (C) TPMEFS
- (D) RNKCDQ
- (E) None of these

Ans : (D)

Directions 16:20 : In each question below are given two statements followed by two conclusions numbered I and II. You have to take the given two statements to be true even if they seem to be at variance from commonly known facts. Read the conclusions and then decide which of the given conclusions logically follows from the two given statements, disregarding commonly known facts.

Give answer (A) if only conclusion I follows; (B) if only conclusion II follows; (C) if either I or II follows (D) if neither I or II follows and (E) if both I and II.

16.Statements : All puppets are dolls

All dolls are toys

Conclusions : I. Some toys are puppets

II. All toys are puppets

Ans: A

17.Statements : All apples are oranges

Some oranges are papayas

Conclusions : I. Some apples are papayas

II. Some papayas are apples

Ans: D

18. Statements :Some players are singers

All singers are tall

Conclusions : I. Some players are tall

II. All players are tall

Ans: A

19.Statements : All coins are crows

Some crows are pens

Conclusions : I. No pen is coin

II. Some coins are pens

Ans: D

20.Statements : All men are married

Some men are educated

Conclusions : I. Some married are educated

II. Some educated are married

Ans: E

21. Pointing to a man Snehlata says, "He is the only son of my father's father." How is Snehlata related to the man ?

- (A) Mother
- (B) Grand daughter
- (C) Niece
- (D) Sister
- (E) None of these

Ans : (E)

22. Pointing to a lady in photograph, Madhurendra said, "Her mother is the only daughter of my mother's mother." How is Madhurendra related to the lady?

- (A) Nephew
- (B) Uncle
- (C) Maternal uncle
- (D) Brother
- (E) None of these

Ans : (D)

23. If $P \times Q$ means— 'P is the brother of Q', $P \div Q$ means 'P is the son of Q' and ' $P - Q$ ' means 'P is the sister of Q', then which of the following relations will show that Q is the maternal uncle of P ?

- (A) $Q \times R \div P$
- (B) $Q \div R - P$
- (C) $P \times R - Q$
- (D) $P \div R - Q$
- (E) None of these

Ans : (D)

24. In the class of 40 students, if Sanju is at 30th place from one end, what is his position from the other end?

- (A) 9th
- (B) 12th
- (C) 10th
- (D) 11th
- (E) None of these

Ans : (D)

25. In a row of girls, Nivedita is 15th from the left and Vimla is 23rd from the right. If they interchange their positions, then Nivedita becomes 18 th from the left. Then at what position will Vimla be from the right?

- (A) 25th
 - (B) 24th
 - (C) 26th
 - (D) 20th
 - (E) None of these
- Ans : (C)

26. As 'Hindu worshiper' is related to 'Temple' in the same way 'Maulvi' is related to what?

- (A) Monastery
 - (B) Church
 - (C) Mosque
 - (D) Sikh temple
 - (E) None of these
- Ans : (C)

27. As 'Hungry' is related to 'Food' in the same way 'Thirsty' is related to what?

- (A) Drink
 - (B) Tea
 - (C) Coffee
 - (D) Juice
 - (E) Water
- Ans : (E)

28. As 'Fly' is related to 'Parrot' in the same way 'Creep' is related to what?

- (A) Snake
 - (B) Rabbit
 - (C) Fish
 - (D) Crocodile
 - (E) Sparrow
- Ans : (A)

29. If 'M' denotes '÷', 'K' denotes '-', 'T' denotes 'x' and 'R' denotes '+', then; $20 K 16 T 8 M 4 R 6 = ?$

- (A) 18
 - (B) - 6
 - (C) - 12
 - (D) - 18
 - (E) None of these
- Ans: B

30. How many such pairs of letters are there in the word TERMINATE each of which has as many letters between them in the word as in the English alphabet ?

- (A) None
- (B) One
- (C) Two
- (D) Three
- (E) More than three

Ans: B

3. English (30 quest)

Directions 1-5: In each of the following questions, there is a certain relationship between two given words on one side of :: and one word is given on another side of :: while another word is to be found from the given alternatives, having the same relation with this word as the words of the given pair bear. Choose the correct alternative.

1. Oxygen : Burn :: Carbon dioxide : ?

- (A) Isolate
- (B) Foam
- (C) Extinguish
- (D) Explode

Ans: (C)

2. Grain : Stock :: Stick : ?

- (A) Heap
- (B) Bundle
- (C) Collection
- (D) String

Ans: (B)

3. Planet : Orbit :: Projectile : ?

- (A) Trajectory
- (B) Track
- (C) Milky way
- (D) Path

Ans: (A)

4. Genuine : Authentic :: Mirage : ?

- (A) Image
- (B) Transpiration
- (C) Reflection
- (D) Illusion

Ans: (D)

5. Illiteracy : Education :: Flood : ?

- (A) Rain
- (B) Bridge
- (C) Dam
- (D) River

Ans: (C)

Directions for Questions 6 to10 :Each of the following sentences has been divided into four parts. There is

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an error in one of the parts. Point out the part which has an error .

6.A) I was astonished by the highly exciting tricks /

B) the acrobat displayed on the rope /

C) at great risk of like

D) at such an advanced age.

Ans: A

7. A) We, who are fortunate enough /

B) to have lived in the present century, /

C) hardly realize how our ancestors suffered /

D) from the belief in the existence of evil spirits.

Ans: B

8. A) We were expecting at least twenty delegates /

B) to participate in the seminar, /

C) but when I reached the hall,

D) I found no any delegate present there.

Ans: D

9. A) We bought five dozens pencils from a shop, /

B) but on opening in the packet at home /

C) we found five pencils short, /

D) but the shopkeeper did not accept the responsibility of the shortage.

Ans: A

10. A) I wanted to book a parcel weighting twenty and a half kilos /

B) but the booking -clerk refused to book it /

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C) on the ground

D) that it was not properly sealed.

Ans: A

Directions for Questions 11-15: In each of the following questions, a paragraph or a sentence has been broken up into different parts. The parts have been scrambled and numbered as given below. Choose the correct order of these parts from the given alternatives

A. The potential exchanges between the officials of IBBF and the Maharashtra Body-Building Association has all the trappings of a drama we are accustomed to.

B. In the case of sportspersons, there is room for some sympathy, but the apathy of the administrators, which has even led to sanctions from international bodies, is unpardonable.

C. A case in the point is the hefty penalty of US \$10,000 slapped on the Indian Body-Building Federation for not fulfilling its commitment for holding the Asian Championships in Mumbai in October.

D. It is a matter of deep regret and concern that the sports administrators often cause more harm to the image of the country than sportsmen and sportswomen do through their dismal performances.

1] CABD 2] DBCA 3] DABC 4] CDBA

Ans: 2

A. Its cargo consisted of 38 sacks of spices and Magellan himself had been hacked to pieces on the beach of Mactan in the Phillipines

B. So contrary to popular believe it was the crew of the Victoria who were the first men to have sailed around the globe

C. In spetembre 1522 Victoria , the sole survivor of the Armada, limped into the spanish port San Lucar , manned by a skeleton crew of 15, so weak they could not talk

D. In septembre 1519 the Armada de Molucca of five ships and 250 sailors has set out from San lucar de Barrameda under the command of Fernando de Magellan

E. It was to sail to the spice islands of the Malayan Archipelago where they were to excahnge an assortemnt of bells , mirrors , and scissors for cinnamon and cloves.

1] DECAB 2] AEDCB 3] CDEAB 4] DEABC

Ans:1

A. What came out was very large garland made out of currency notes.

B. The unsuspecting governor opened the box in full view of the gathering

C. When the RBI governor came to inaugurate the new printing press , the local unit of the BJP handed him a gift wrapped box

D. There was a twist - the notes were all as tattered as notes could get

1] DACB 2] CABD 3] CBAD 4] DCAB

Ans:3

A. But in the industrial era destroying the enemy's productive capacity means bombing the factories which

are located in the cities.

B. So in the agrarian era, if you need to destroy the enemy's productive capacity, what you want to do is burn his fields, or if you're really vicious, salt them.

C. Now in the information era, destroying the enemy's productive capacity means destroying the information infrastructure.

D. How do you do battle with your enemy?

E. The idea is to destroy the enemy's productive capacity, and depending upon the economic foundation, that productive capacity is different in each case.

F. With regard to defence, the purpose of the military is to defend the nation and be prepared to do battle with its enemy.

1] FDEBAC 2] FCABED 3] DEBACF 4] DFEBAC

Ans:1

A. The situations in which violence occurs and the nature of that violence tends to be clearly defined at least in theory, as in the proverbial Irishman's question: 'Is this a private fight or can anyone join in?'

B. So the actual risk to outsiders, though no doubt higher than our societies, is calculable.

C. Probably the only uncontrolled applications of force are those of social superiors to social inferiors and even here there are probably some rules.

D. However binding the obligation to kill, members of feuding families engaged in mutual massacre will be genuinely appalled if by some mischance a bystander or outsider is killed.

1] DABC 2] ACDB 3] CBAD 4] DBAC

Ans:1

Directions for Questions 16 to 20: The passage given below is followed by a set of five questions. Choose the most appropriate answer to each question.

To summarize the Classic Maya collapse, we can tentatively identify five strands. I acknowledge, however, that Maya archaeologists still disagree vigorously among themselves—in part, because the different strands evidently varied in importance among different parts of the Maya realm; because detailed archaeological studies are available for only some Maya sites; and because it remains puzzling why most of the Maya heartland remained nearly empty of population and failed to recover after the collapse and after re-growth of forests.

With those caveats, it appears to me that one strand consisted of population growth outstripping available resources: a dilemma similar to the one foreseen by Thomas Malthus in 1798 and being played out today in Rwanda (Chapter 10), Haiti (Chapter 11), and elsewhere. As the archaeologist David Webster succinctly puts it, "Too many farmers grew too many crops on too much of the landscape." Compounding that mismatch between population and resources was the second strand: the effects of deforestation and hillside erosion, which caused a decrease in the amount of useable farmland at a time when more rather than less farmland was needed, and possibly exacerbated by an anthropogenic drought resulting from deforestation, by soil nutrient depletion and other soil problems, and by the struggle to prevent bracken ferns from overrunning the fields.

The third strand consisted of increased fighting, as more and more people fought over fewer resources. Maya warfare, already endemic, peaked just before the collapse. That is not surprising when one reflects that at least 5,000,000 people, perhaps many more, were crammed into an area smaller than the state of Colorado (104,000 square miles). That warfare would have decreased further the amount of land available for agriculture, by creating no-man's lands between principalities where it was now unsafe to farm. Bringing matters to a head was the strand of climate change. The drought at the time of the Classic collapse was not the first drought that the Maya had lived through, but it was the most severe. At the time of previous droughts, there were still uninhabited parts of the Maya landscape, and people at a site affected by drought could save themselves by moving to another site. However, by the time of the Classic collapse the landscape was now full, there was no useful unoccupied land in the vicinity on which to begin anew, and the whole population could not be accommodated in the few areas that continued to have reliable water supplies.

As our fifth strand, we have to wonder why the kings and nobles failed to recognize and solve these seemingly obvious problems undermining their society. Their attention was evidently focused on their short-term concerns of enriching themselves, waging wars, erecting monuments, competing with each other, and extracting enough food from the peasants to support all those activities. Like most leaders throughout human history, the Maya kings and nobles did not heed long-term problems, insofar as they perceived them. We shall return to this theme in Chapter 14.

Finally, while we still have some other past societies to consider in this book before we switch our attention to the modern world, we must already be struck by some parallels between the Maya and the past societies discussed in Chapters 2-4. As on Easter Island, Mangareva, and among the Anasazi, Maya environmental and population problems led to increasing warfare and civil strife. As on Easter Island and at Chaco Canyon, Maya peak population numbers were followed swiftly by political and social collapse. Paralleling the eventual extension of agriculture from Easter Island's coastal lowlands to its uplands, and from the Mimbres floodplain to the hills, Copan's inhabitants also expanded from the floodplain to the more fragile hill slopes, leaving them with a larger population to feed when the agricultural boom in the hills went bust. Like Easter Island chiefs erecting ever larger statues, eventually crowned by pukao, and like Anasazi elite treating themselves to necklaces of 2,000 turquoise beads, Maya kings sought to outdo each other with more and more impressive temples, covered with thicker and thicker plaster—reminiscent in turn of the extravagant conspicuous consumption by modern American CEOs. The passivity of Easter chiefs and Maya kings in the face of the real big threats to their societies completes our list of disquieting parallels.

According to the passage, which of the following best represents the factor that has been cited by the author in the context of Rwanda and Haiti?

- (1) Various ethnic groups competing for land and other resources.
- (2) Various ethnic groups competing for limited land resources.
- (3) Various ethnic groups fighting with each other.
- (4) Various ethnic groups competing for political power.
- (5) Various ethnic groups fighting for their identity.

Ans: 2

By an anthropogenic drought, the author means

- (1) A drought caused by lack of rains.

- (2) A drought caused due to deforestation.
- (3) A drought caused by failure to prevent bracken ferns from overrunning the fields.
- (4) A drought caused by actions of human beings.
- (5) A drought caused by climate changes.

Ans: 4

According to the passage, the drought at the time of Maya collapse had a different impact compared to the droughts earlier because

- (1) The Maya kings continue to be extravagant when common people were suffering.
- (2) It happened at the time of collapse of leadership among Mayas.
- (3) It happened when the Maya population had occupied all available land suited for agriculture.
- (4) It was followed by internecine warfare among Mayans.
- (5) Irreversible environmental degradation led to this drought.

Ans: 3

According to the author, why is it difficult to explain the reasons for Maya collapse?

- (1) Copan inhabitants destroyed all records of that period.
- (2) The constant deforestation and hillside erosion have wiped out all traces of the Maya kingdom.
- (3) Archaeological sites of Mayas do not provide any consistent evidence.
- (4) It has not been possible to ascertain which of the factors best explains as to why the Maya civilization collapsed.
- (5) At least five million people were crammed into a small area.

Ans: 4

Which factor has not been cited as one of the factors causing the collapse of Maya society?

- (1) Environmental degradation due to excess population.
- (2) Social collapse due to excess population.
- (3) Increased warfare among Maya people.
- (4) Climate change.
- (5) Obsession of Maya population with their own short-term concerns.

Ans: 3

Directions 21-25: Pick out from the words, given below each sentence, the word which would complete the sentence correctly and meaningfully.

21. Unhygienic circumstances.....health problems.

A) give rise to B) bring in to existence C) call for D) replace

Ans: A

22. If she were chosen for the job, she.....a good secretary.

A) will make B) can make C) would make D) would have made

Ans: C

23. Didn't you go to the restaurant yesterday.....?

A) No I didn't B) Yes I didn't C) No, I did D) will, yes.

Ans: A

24. The Chernobil tragedy had taken place about four years.....

A) past B) ago C) before D) since

Ans: B

25. Every government servant is finding it necessary to supplement his..... by doing something extra.

A) earnings B) profits C) remuneration D) income

Ans: D

Directions 11-15: In each of the following questions, out of the given alternatives, choose the one which best expresses the meaning of the given word.

26. Abolish

minimize

Ans: A

27. make up

invent

complete

Ans: D

28. dispatched

taken by force

ordered to go
sent

Ans: D

29. ARDUOUS

Short
Difficult
Easy
Expensive

Ans: B

30. ABODE

Family
Farm
Car
Home

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1. what is the order of strassen's matrix multiplication?

2. you have to maintain the sorted order of integers and insert integers. which data structure would you use? (tree, list, queue, array?)

3. There are two lists of integers to be merged. Which method would you not use?

4. In an online database system when is data written to disk? (on pressing enter, when commit or update is encountered, at end of data, all of the above) (was clueless!)

5. Small program function which prints 2345true. You need to tell output.

6. Convert this binary into octal. 010 100 101

7. Lisp program given. what does it do? (GCD, LCM, Multiplies mxn?)

8. What is paging?

9. What should come in place of the question mark (?) in the following questions?

10. $(31569 + 2488 + 47936) - (227 \times 96) = ?$

- 1) 61251
- 2) 60201
- 3) 62506
- 4) 60205
- 5) None of these

11. Cost of an item is x. It's value increases by p% and decreases by p% Now the new value is 1 rupee, what is the actual value ?

Ans. $(1000)/(1000-p*p)$.

12. A right circular cylinder and a cone are there. Base radius of cone is equal to radius of cylinder. What is the ratio of height to slant side if their volume are the same?

13. Distance between two poles is 50 meters. A train goes by 48 at a speed of kmph. In one minute how many poles will be crossed by the train ?

14. A pole seen from a certain distance at an angle of 15 degrees and 100 meters ahead by 30 degrees. What is the height of pole ?

15. If the num 4573 is sub by the least num, then the remainder will be a perfect square

Ans : 84

16. $((7-x/2)+(x-5/7))=x-5/5$ find X?

Ans: 11

17. Two problems on A.P

18. Find the sum 72, 70, 68,66,.....40?

19. The layer in the OST model handles terminal emulation

- a) session
- b) application
- c) presentation
- d) transport

Ans. (b)

20 Long int size is

- a) 4 bytes
- b) 2 bytes
- c) compiler dependent
- d) 8 bytes

Ans. (c)

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Dear Friend's Good Morning sir I have attended the L & T InfoTech in it. Around 700 students were there 10 & 12 & BE :55,55,58%

Total number of round: 4

Written Round - 30 Questions

Verbal - 30 Questions

English - 30 Questions

Total time is 90 min and there is sectional cut-off was their in all section 15 each. So we have 2 give wait age to all the section not to a particular one (we have to make on self as a Jake of all field) 350 clear the written. And One day before PPT main thing regarding to this all is PPT of L&T because they Give very long ppt one day before the written of 2 hour and their they call to 8 to 10 student randomly .But it was very interactive section and we should concentrate their because who gave the ppt out of 20 hr head tech. They are 5 so we should take part their.

L n T Infotech WRITTEN TEST

Total 90 questions , 90 minutes ---SECTIONAL CUTOFF IS THERE

1. Aptitude (30 quest)
2. Reasoning (30 quest)
3. English (30 quest)

1. Aptitude (30 quest)

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1. From a vessel, $\frac{1}{3}$ rd of the liquid evaporates on the first day. On the second day $\frac{3}{4}$ th of the remaining liquid evaporates. What fraction of the volume is present at the end of the second day.

Ans: 50%.

2. An orange glass has orange juice and white glass has apple juice both of equal volumes. 50 ml of the orange juice is taken and poured into the apple juice. 50 ml from the white glass is poured into the orange glass. Of the two quantities, the amount of apple juice in the orange glass and the amount of orange juice in the white glass, which one is greater and by how much?

Ans: The two quantities are equal.

3. There is a 4 inch cube painted on all sides. This is cut down into of 1 inch cubes. What is the no of cubes which have no pointed sides?

Ans: 8.

4. Sam and Mala have a conversation. Sam says I am certainly not over 40. Mala says I am 38 and you are at least 5 years older than me. Now, Sam says you are atleast 39. All the statements by the two are false. How old are they really?

Ans: Mala = 38 yrs; Sam = 41 yrs.

5. There is a certain four digit number whose fourth digit is twice the first digit. Third digit is three more than second digit. Sum of the first and fourth digits twice the third number. What was that number?

Ans: 2034 and 4368.

6. In a railway station, there are two trains going. One in the harbour line and one in the main line, each having a frequency of 10 minutes. The main line service starts at 5 o'clock and the harbour line starts at 5.02A.M. A man

goes to the station every day to catch the first train that comes. What is the probability of the man catching the first train?

Ans: 0.8.

7. A family X went for a vacation. Unfortunately it rained for 13 days when they were there. But whenever it rained in the mornings, they had clear afternoons and vice versa. In all they enjoyed 11 mornings and 12 afternoons. How many days did they stay there totally?

Ans: 18.

8. There is a safe with a 5 digit No. The 4th digit is 4 greater than second digit, while 3rd digit is 3 less than 2nd digit. The 1st digit is thrice the last digit. There are 3 pairs whose sum is 11. Find the number.

Ans: 65292

9. Bird is flying 120 km/hr between B to R. Two trains at B to R at 60 kmph. The distance traveled by the bird before it is killed?

Ans: 120

10. Four persons have to cross the bridge they are having one torch light. Four persons take 1,2,5,10 minutes respectively, when two persons are going the will take the time of the slowest person what is the time taken to

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cross all of them.

Ans: 17 minutes.

11 A vender solds two things at same cost 12 Rs with one item at 25% profit and other at 20% loss, by this transaction he made profit or loss by how much?

Ans: Loss,60%.

12. Two friends A and B are running up hill and then to get down. Length of road is 440 yards. A on his return journey met B going up at 20 yards from top. If A has finished the race 5 minutes earlier than B, then how much time A had taken to complete the race?.

Ans: 6.3 minutes

13. In the month of October in a year has exactly four Mondays and four Fridays, find what day of week will be on the 20th of November of that year.

Ans: 20th November was a wednesday.

14. Six persons A,B,C,D,E & F went to solider cinema. There are six consecutive seats. A sits in one of the seats followed by B, followed by C and soon. If a taken one of the six seats , then B should sit adjacent to A. C

should sit adjacent A or B. D should sit adjacent to A, B,or C and soon. How many possibilities are there?

Ans: 32 ways.

15. 4 mathematician has x apples. If he arranges them in rows of 3 one will be left. The same is the case with 5,7,9 apples. But when he arranged them in rows of 11, non will be left. Find the no. of apples.

Ans: 946.

16. A merchant in the last day sells 2 lamps for Rs.12 price. He finds that he has got 25 % gain on one and 20% lost on the other. Did he loose or gain overall? If so how much?

Ans: 60 paise Loss.

17. Mr. X got Paramvir Chakra in 1971. He died when his age was $\frac{1}{59}$ th the year of birth. What was his date of birth?

Ans: 1947.

18. There are 6561 number of balls in a bag. Out of which one is heavy ball. In how many minimum number of weighing you can find the heavy ball.

Ans: 8.

19. The profit made by a company in one year is enough to give 6% return on all shares. But as the preferred shares get on return of 7.5%, so the ordinary shares got on return of 5%. If the value of preferd shares is Rs 4,000000, then what is the value of ordinary shares?

Ans: Rs. 6,000000.

20. A & B two places. C & D are two people. C started from A and D started from B. When they meet each other in the way C traveled 18 m more than D. Then C takes 13 and half a minute and D takes 24 minutes to

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reach the other end. What was the distance between A & B.

Ans: 126.]

21. A family I know has several children. Each boy in this family has as many sisters as brothers but each girl has twice as many brothers as sisters. How many brothers and sisters are there?

Ans: 4 boys and 3 girls

22. There is a 5 digit no. 3 pairs of sum is eleven each. Last digit is 3 times the first one. Third digit is 3 less than the second. 4th digit is 4 more than the second one. Find the digit.

Ans: 25296.

23. There are five thieves, each loot a bakery one after the other such that the first one takes $\frac{1}{2}$ of the total no. of the breads plus $\frac{1}{2}$ of a bread. Similarly 2nd, 3rd, 4th and 5th also did the same. After the fifth one, no. of breads remained are 3. Initially how many breads were there?

Ans: 31.

24. A software engineer just returned from US, has eaten too much fat & put a lot of weight. Every Sunday he starts walking 4 km/hr on level ground, then up at 3 km/hr, then back down hill at 6km/hr, then again on level ground at 4km/hr till he reaches his destination. If he returned home at 9 p.m., what distance did he covered?

Ans: 24 km

25. There are 4 married couples, out of which, 3 people in a group is needed. But there should not be his or her spouse in the group. How many groups are possible?

Ans: 32.

26. In the 4 digits 1,2,3,4, how many 4 digit numbers are possible which are divisible by 4? Repetitions are allowed.

Ans: 64.

27. Two men are going along a track of rail in the opposite direction. One goods train crossed the first person in 20 sec. After 10 min the train crossed the other person who is coming in opposite direction in 18 sec. After the train has passed, when the two persons will meet?

Ans: Approx. 72 min,

28. At six o'clock the wall clock struck 6 times. Checking with my Watch, I noticed that the time between the first & last strokes was 30 Seconds. How long will the clock take to strike 12 at mid night?

Ans: 66 Seconds.

29. A person spending out $\frac{1}{3}$ for cloths, $\frac{1}{5}$ of the remaining for food and $\frac{1}{4}$ of the remaining for travel. He is left with Rs 100/-. How he had in the beginning?

Ans: Rs 250/-.

30. A chain is broken into three pieces of equal lengths, containing 3 links each. It is taken to a blacksmith to join into a single continuous one. How many minimum numbers of links are to be opened to make it?

Ans: 2.

2. Reasoning (30 quest)

Answer Questions 1 to 5 on the basis of the information given below:

Nine individuals - Z, Y, X, W, V, U, T, S and R - are the only candidates, who can serve on three committees-- A, B and C, and each candidate should serve on exactly one of the committees.

committee: A should consist of exactly one member more than committee B.

It is possible that there are no members of committee C.

Among Z, Y and X none can serve on committee A.

Among W, V and U none can serve on committee G.

Among T, S and R none can serve on committee C.

1. In case T and Z are the individuals serving on committee B, how many of the nine individuals should serve on committee C?

- 3
- 4
- 5
- 6
- 7

Ans : B

2. Of the nine individuals, the largest number that can serve together on committee C is

- 9
- 8
- 7
- 6
- 5

Ans : D

3. In case R is the only individual serving on committee B, which among the following should serve on committee A?

- W and S
- V and U
- V and T
- U and S
- T and S

Ans : E

4. In case any of the nine individuals serves on committee C, which among the following should be the

candidate to serve on committee A?

Z
Y
W
T
S

Ans : C

5. In case T, S and X are the only individuals serving on committee B, the total membership of committee C should be:

Z and Y
Z and W
Y and V
Y and U
X and V

Ans : A

6. I am less than 6 feet tall but more than 2 feet tall. My height in inches is a multiple of 7 and is also 2 inches more than a multiple of 6. What is my height in inches?

A. 43 B. 56 C. 21 D. 42 E. 65

Ans: B

7. A group of 12 girl scouts had enough food to last for 8 days when they arrived in camp. However, 4 more scouts joined them without the amount of food being increased. How long will the food last if each scout is given the same daily ration as originally planned?

A. 2 B. 3 C. 4 D. 5 E. 6

Ans: E

8. A dog takes 3 steps to walk the same distance for which a cat takes 4 steps. Suppose 1 step of the dog covers 1 foot. How many feet would the cat cover in taking 12 steps?

A. 9ft. B. 3ft C. 6ft D.8ft E. 16ft

Ans: A

9. If a kindergarten teacher places her children 4 on each bench, there will be 3 children who will not have a place. However, if 5 children are placed on each bench, there will be 2 empty places. What is the smallest number of children the class could have?

A. 33 B. 23 C. 21 D. 24 E. 20

Ans: B

10. The distance around the track is 1000 yards. Each cyclist travels around the track at a different rate per minute. For example, Cyclist A travels at 700 yards per minute. At time = 0, Cyclist A is at point 0 (or starting point).

After one minute, they would have traveled 700 yards. After two minutes, they would have traveled 1400 yards, but because the track is circular, they would go around again, thus ending them 400 yards after the starting point. After three minutes, adding 700 again, they would end up 100 yards after the starting point (because they went around again). Continue this pattern for all three rates until all three cyclists are at the same point.

A. 10mins B. 11mins C. 21mins D. 9mins E. 20mins

Ans: A

11. If SAVOURY is coded as OVUARSY then how will RADIATE be coded?

- (A) AIDARET
- (B) IDARA TE
- (C) ARIADTE
- (D) IDAATRE
- (E) None of these

Ans : (D)

12. If MAPLE is coded as VOKZN then how will CAMEL be coded?

- (A) OVNZF
- (B) OUNZX
- (C) OVNZX
- (D) XZNVO
- (E) None of these

Ans : (C)

13. If CRY is coded as MRYC then how will GET be coded?

- (A) MTEG
- (B) MGET
- (C) MEGT
- (D) METG
- (E) None of these

Ans : (D)

14. If BURNER is coded as CASOIS then how will ALIMENT be coded?

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- (A) BKJLFMU
- (B) EKOLIMS
- (C) EMONIOU
- (D) BRJSFTU
- (E) EROSITU

Ans : (C)

15. If Sand is coded as Brick, Brick as House, House as Temple, Temple as Palace then where do you worship?

- (A) Palace
- (B) Temple
- (C) Brick
- (D) House
- (E) None of these

Ans : (A)

16. How many such letter-pairs are there in the word SERVANT having the same no. of letters left between them in the word as they have in the series?

- (A) 2
- (B) 3
- (C) 4
- (D) 5
- (E) None of these

Ans : (A)

17. How many such letter-pairs are there in the word MONKEY having same no. of letters left between them as they have in the series?

- (A) 3
- (B) 4
- (C) 1
- (D) 5
- (E) None of these

Ans : (C)

18. How many such letter-pairs are there in the word SMUGGLER having same no. of letters left between them as they have in the series?

- (A) 2
- (B) 3
- (C) 4
- (D) 1
- (E) None of these

Ans : (A)

19. How many such letter-pairs are there in the word BONAFIDE having same no. of letters left between them as they have in the series?

- (A) 2
- (B) 3
- (C) 4
- (D) 1
- (E) None of these

Ans : (E)

20. How many such letter-pairs are there in the word FRONTIER having same no. of letters left between them as they have in the series?

- (A) 2
- (B) 4
- (C) 1
- (D) 3
- (E) None of these

Ans : (A)

Directions 21-25 : In each question below are given two statements followed by two conclusions numbered I and II. You have to take the given two statements to be true even if they seem to be at variance from commonly known facts. Read the conclusions and then decide which of the given conclusions logically follows from the two given statements, disregarding commonly known facts.

Give answer (A) if only conclusion I follows; (B) if only conclusion II follows; (C) if either I or II follows (D) if neither I or II follows and (E) if both I and II.

21. Statements : Some soldiers are famous

Some soldiers are intelligent

Conclusions : I. Some soldiers are either famous or intelligent

II. Some soldiers are neither famous nor intelligent

Ans: D

22. Statements : All boys are honest

Sachin is honest

Conclusions : I. Sachin is a boy

II. All honest persons are boys

Ans: D

23.Statements : Some nurses are nuns

Madhu is a nun

Conclusions : I. Some nuns are nurses

II. Some nurses are not nuns

Ans: D

24.Statements : All windows are doors

No door is wall

Conclusions : I. No window is wall

II. No wall is door

Ans: A

25.Statements : All poles are guns

Some boats are not poles

Conclusions : I. All guns are boats

II. Some boats are not guns

Ans: D

26. How many such pairs of letters are there in the word GUARDIAN each of which has as many letters between them in the word as in the English alphabet ?

(A) None

(B) One

(C) Two

(D) Three

(E) More than three

Ans: D

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27. In a certain code language 'pik da pa' means 'where are you'; 'da na ja' means 'you may come' and 'na ka sa' means 'he may go', which of the following means 'come' in that code language ?

- (A) da
- (B) ja
- (C) na
- (D) Cannot be determined
- (E) None of these

Ans: B

28. What should come next in the following number series ? 9 8 9 8 7 9 8 7 6 9 8 7 6 5 9 8 7 6 5 4 9 8 7 6 5

- (A) 3
- (B) 4
- (C) 2
- (D) 1
- (E) None of these

Ans: B

29. Meeta correctly remembers that her father's birthday is after 8th July but before 12th July. Her brother correctly remembers that their father's birthday is after 10th July but before 15th July. On which day of July was definitely their father's birthday ?

- (A) 10th
- (B) 11th
- (C) 10th or 11th
- (D) Cannot be determined
- (E) None of these

Ans: B

30. Four of the following five are alike in a certain way and so form a group. Which is the one that does not belong to that group ?

- (A) B D F
- (B) V X Z
- (C) F I K
- (D) M O Q
- (E) L N P

Ans: C

3. English (30 quest)

Directions for Questions 1 to 5: The passage given below is followed by a set of five questions. Choose the most appropriate answer to each question.

A remarkable aspect of art of the present century is the range of concepts and ideologies which it embodies. It is almost tempting to see a pattern emerging within the art field – or alternatively imposed upon it a posteriori – similar to that which exists under the umbrella of science where the general term covers a whole range of separate, though interconnecting, activities. Any parallelism is however – in this instance at least – misleading. A scientific discipline develops systematically once its bare tenets have been established, named and categorized as conventions. Many of the concepts of modern art, by contrast, have resulted from the almost accidental meetings of groups of talented individuals at certain times and certain places. The ideas generated by these chance meetings had two – fold consequences. Firstly, a corpus of work would be produced which, in great part, remains as a concrete record of the events. Secondly, the ideas would themselves be disseminated through many different channels of communication – seeds that often bore fruit in contexts far removed from their generation. Not all movements were exclusively concerned with innovation. Surrealism, for instance, claimed to embody a kind of insight which can be present in the art of any period. This claim has been generally accepted so that a sixteenth century painting by Spranger or a mysterious photograph by Atget can legitimately be discussed in surrealist terms. Briefly, then, the concepts of modern art are of many different (often fundamentally different) kinds and resulted from the exposures of painters, sculptors and thinkers to the more complex phenomena of the twentieth century, including our ever increasing knowledge of the thought and products of earlier centuries. Different groups of artists would collaborate in trying to make sense of rapidly changing world of visual and spiritual experience. We should hardly be surprised if no one group succeeded completely, but achievements, through relative, have been considerable. Landmarks have been established – concrete statements of position which give a pattern to a situation which could easily have degenerated into total chaos. Beyond this, new language tools have been created for those who follow – semantic systems which can provide a springboard for further explorations.

The codifying of art is often criticized. Certainly one can understand that artists are wary of being pigeon-holed since they are apt to think of themselves as individuals – sometimes with good reason. The notion of self-expression, however, no longer carries quite the weight it once did; objectivity has its defenders. There is good reason to accept the ideas codified by artists and critics, over the past sixty years or so, as having attained the status of independent existence – an independence which is not without its own value. This time factor is important here. As an art movement slips into temporal perspective, it ceases to be a living organism – becoming, rather, a fossil. This is not to say it becomes useless or uninteresting. Just as a scientist can reconstruct the life of a prehistoric environment from the messages codified into the structure of a fossil, so can an artist decipher whole webs of intellectual and creative possibility from the recorded structure of a ‘dead’ art movement. The artist can match the creative patterns crystallized into this structure against the potentials and possibilities of his own time. AS T.S Eliot observed, no one starts anything from scratch; however consciously you may try to live in the present, you are still involved with a nexus of behaviour patterns bequeathed from the past. The original and creative person is not someone who ignores these patterns, but someone who is able to translate and develop them so that they confirm more exactly to his – and our – present needs.

1. Many of the concepts of modern art have been the product of

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- (1) ideas generated from planned deliberations between artists, painters and thinkers.
- (2) the dissemination of ideas through the state and its organizations.
- (3) accidental interactions among people blessed with creative muse.
- (4) patronage by the rich and powerful that supported art
- (5) systematic investigation, codification and conventions.

Ans. 3

2. In the passage, the word 'fossil' can be interpreted as

- (1) an art movement that has ceased to remain interesting or useful.
- (2) an analogy from the physical world to indicate a historic art movement.
- (3) an analogy from the physical world to indicate the barrenness of artistic creations in the past.
- (4) an embedded codification of pre-historic life.
- (5) an analogy from the physical world to indicate the passing of an era associated with an art movement.

Ans. 5

3. In the passage, which of the following similarities between science and art may lead to erroneous conclusions?

- (1) Both, in general, include a gamut of distinct but interconnecting activities.
- (2) Both have movements not necessarily concerned with innovation.
- (3) Both depend on collaborations between talented individuals.
- (4) Both involve abstract thought and dissemination of ideas.
- (5) Both reflect complex priorities of the modern world.

Ans. 1

4. The range of concepts and ideologies embodied in the art of the twentieth century is explained by

- (1) the existence of movements such as surrealism.
- (2) landmarks which give a pattern to the art history of the twentieth century.
- (3) new language tools which can be used for further explorations into new areas.
- (4) the fast changing world of perceptual and transcendental understandings.
- (5) the quick exchange of ideas and concepts enabled by efficient technology.

Ans. 4

5. The passage uses an observation by T.S. Eliot to imply that

- (1) creative processes are not 'original' because they always borrow from the past.
- (2) we always carry forward the legacy of the past.
- (3) past behaviours and thought processes recreate themselves in the present and get labeled as 'original' or 'creative'.
- (4) 'originality' can only thrive in a 'green house' insulated from the past biases.
- (5) 'innovations' and 'original thinking' interpret and develop on past thoughts to suit contemporary needs.

Ans. 5

Directions 6:10 Which of the phrases (A), (B), (C) and (D) given below each sentence should replace the phrases printed in bold in the following sentences to make the sentence grammatically correct. If the sentence is correct as it is and no correction is required, mark (E) as the answer.

6. Her face buries itself on his rough shirt and he could feel the fragrance of her hair and the warmth of her as she sobbed against his breast—

- (A) sinking itself in his rough shirt
- (B) buried itself in his rough shirt
- (C) dipped itself in his rough shirt
- (D) sank itself in his rough shirt
- (E) No correction required

Ans: B

7. 'Allah', he said, rising his face towards the star-spangled black sky, "punish me as much as you like- Mahesh died with thirst on his lips."

- (A) raised his face towards the star-spangled black sky
- (B) had raised his face towards the star-spangled black sky
- (C) rose his face towards the star spangled black sky
- (D) raising his face towards the star-spangled black sky
- (E) No correction required

Ans: D

8. All of us carried plenty of food and sweets with us and we served the little fortunate human beings with our own hands—

- (A) The lesser fortunate human beings
- (B) The less fortunate human beings
- (C) The least fortunate human beings
- (D) The unfortunate human beings
- (E) No correction required

Ans: B

9. Once again, the Indian tradition of 'ahimsa' comes out as infinitely most relevant, than much of what we learn in modern education.

- (A) The most relevant, than much of what we learn
- (B) More relevance what we learn
- (C) More relevant than much of what we learn
- (D) No relevance in what we learn
- (E) No correction required

Ans: C

10. When it was decided to send the rescue team in the colliery, the experts showed their reluctance.

- (A) into the colliery
- (B) inside the colliery
- (C) under the colliery
- (D) underneath the colliery
- (E) No correction required

Ans: A

Directions(11-15): In each of the following questions, there is a certain relationship between two given words on one side of : : and one word is given on another side of : : while another word is to be found from the given alternatives, having the same relation with this word as the words of the given pair bear. Choose the correct alternative.

11. Appraiser : Building : : Critic : ?

- (A) Book (B) Masterpiece (C) Judge (D) Gold

Ans: (A)

12. Tile : Mosaic : : Knot : ?

- (A) Embroidery (B) Abacus (C) Macrame (D) Easle

Ans: (C)

13. Bread : Yeast : : Curd : ?

- (A) Fungi (B) Bacteria (C) Germs (D) Virus

Ans: (B)

14. Command : Order : : Confusion : ?

- (A) Discipline (B) Clarity (C) Choas (D) Problem

Ans: (C)

15. Ruby : Red : : Sapphire : ?

- (A) Blue (B) White (C) Green (D) Silver

Ans: (A)

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Directions 16 to 20: Pick out from the words, given below each sentence, the word which would complete the sentence correctly and meaningfully

16. Usually the ascent of a mountain face is much easier than the.....

A) fall B) decent C) descent D) descend

Ans: C

17. More than twenty years have now passed.....I had my first flight.

A) when B) since C) while D) as

Ans: B

18. The river overflowed its..... and flooded the area

A) Edges B) Fronts C) Limits D) Banks

Ans: D

19. Once you suspect a person of double dealing, you ought to keep him at arm's.

A) distance B) length C) aim D) width

Ans: B

20. While strolling on Janpath, I chanced to meet.....European.

A) one B) the C) an D) a

Ans: D

Directions for Questions 21 to 25 :Each of the following sentences has been divided into four parts. There is an error in one of the parts. Point out the part which has an error

21. A) he has broken his pen, /

B) and his paper is not yet complete, /

C) but you can help him /

D) if you give him your for an hour.

Ans: D

22. A) This book is quite different /
B) than the one I gave you, /
C) because it is an old edition /
D) and does not cover the whole course.

Ans: B

23. A) He could come /
B) if you invite him /
C) well in time /
D) in writing.

Ans: B

24. A) Had, the doctor reached an hour earlier /
B) and gave him proper medicine, /
C) his life would have been saved /
D) without any doubt.

Ans: B

25. A) He ought have tried his best /
B) from the very beginning /
C) because the goal he set before him /
D) was not an ordinary one.

Ans: D

Directions 26-30 : In each of the following questions, out of the given alternatives, choose the one which is nearest in meaning to the given word.

26. ERROR

A) Blunder B) Nisadventure C) Ambiguity D) Misgiving

Ans: A

27. ACRID

A) Dirty B) Pungent C) Unripe D) Bitter

Ans: D

28. REQUITE

A) Servile B) Trashy C) Ferocious D) Juicy

Ans: B

29. BADGER

A) Attempt B) Convince C) Pester D) Persuade

Ans: C

30. CAUTIOUSLY

A) Genuinely B) Carefully C) Secretly D) Somewhat.

Ans: B

Technical Round

For third round my luck favored me a lot they change my panel 2 time their were 8 panels
So my turn come at 7.30 pm at evening

Gt: May I come in sir?

Hr: Yes then I good evening (hr show his fingers and indicate me to sit but I felt that 50-50 so that's why I didn't sit) Then he said by voice please sit

Hr: See the my form and

Hr : Tell me smartly about you?

Gt : With conversational tone

Hr: Ok u mention that your hobbies r collection of question

Gt: Yes sir

Hr : Which kind of quotes

Gt: Mostly motivational

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Hr: How many u have remember

Gt : More then 200

Hr : Speak 5

Gt: I m fond of it I spoke 3 third he didn't get it he told me explain it 2 times I explain it those who sweat in Pease they never bleed in battle field)

Hr: ok

Hr: so gaurav tell me about your project

Gt : explain him

Hr:so gaurav u don't like the technical sub u didn't mention in form

Gt: sir I m having the basic knowledge on ds ,os ,and sir itesme

Hr :what's about programming?

Gt I m in td making of

Hr: diff btw c/c++

Gt : 4 pont very solid I felt god na apna kam kar diya ab apni pari. I m in final year it branch then. all know but in wisdom I gave d ans of these que ans 3 time infront off piter.abhisheke,and nikita

So at that time through this answer he make the positive image regarding to me

Hr: constructor

Gt: explain

Hr: copy constructor

Gt: don't know

Hr: gaurav in which topic u feel comfortable

Gt: concept of oops

Hr: what is polymorphism (and he asked really u feel comfortable)

Gt: explain with very big smile confidence and .full of energy through

Hr: Hr: operator overloading kiska ex hai

Gt: I told compile time ka he told that explain it I don't know but luck favors' me a lot and suddenly volunteers come with samosa and hr told him for tea and mater change from technical to bit and super so gaurav whish dish u like mostly

Hr: why?

Gt:sir bez my mom makes itly very well

Hr: ones again divert from topic and come back on technical

Hr:so gaurav inheritance abstraction encapsulation,

Gt: I told only.

Hr: doubt (project bez I use core java mention j2se)

He asked what is this what is j2se

Gt: I explain it with very f luent manner

He : ones again gaurav u know j2se

Gt:not know but show my self as a scjp programmer and he told ok gaurav u know java whats about operator overloading in java fir sa aa gaya

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I told it doesn't support by java so that why I don't know. ok

Hr:group members related 4 q

Gt: perfect ans

Hr:gaurav u r a head of a project and u r having 15 emp in l&t

10 r not up d mark 5 including u (whatever u want)

How can u make the project within 15 days your boss told you. and all members of office told u

It impossible then what will u do explain it?

Gt: I took 1 min and explain him in best manner(leader ship)

Hr: what prop u face during the project

Hr:have u submitted before the deadline

Gt:yes

Hr: have u made it by own (he know that its fake)

Gt:group work suggestion from hod my brother friends from sati my brothers senior coaching of core java

Then he told ok Finally 25 min ho gaya and one again volunteer disturb him And he told gaurav be ready for

HR round.

Gt: thaankswith smile and with dare I asked him may I ask d question

Hr: with smile he told why not sure

Gt: ask 2 q and he explain around 7 min approx

(wo samosa cold ho gaya tha bez I didn't take it my concentration went their 3 to 4 time Because I was hungry at that time but I didn't offer me because he was also. After my interview he ate it and took 20 min break) And in campus day we should bring more then 5 biskit paket bez in ni8 there is no canteen no shop so be preparer and develop the be aring capacity.

I'm waiting for my tech result bez same sentence he told 2 my friend kurana that be ready for hr round but he got a name in rejected list

HR round:

The time came they called me 4 hr ts around 11.15 I sit infront of the hr Room But he took the interview of a gye around 1 hour so we were wetting. The person who sit 2 student next 2 me his interview duration is 5 min and he got place apna number aa gaya But one miracle ones again happen my panel changed And I was happy because new panel is very good and they were asking very easy questions. That I hear straight from the horses mouth and finally 11.45 I entered into room

Sir I feel that aap soch raha how I know throw timing?

So my friends and brother told me that each and every body is having a one day and that day he will defiantly select

So that's why I want to enter room before 12.am

Hr mam : come

Me: I wished her

She: tell me smt about u fast

Me: I didn't get her what she told

Me :sorry please recall The Question

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She :ok

Me: forget old start with new zeal and spoke in gud manner

She : gaurav u won at state level in SHRIMAD BHAGWAT GEETA?

Gt: yes mam (I don't want to leave this oppurnity so I told about my school fun and geeta path is also there)

She : what u learn from it

Gt: the speech what I gave in wisdom that I cut copy paste there

She : geeta give d msg 2 speak lie?

Gt: yes

She: explain it

Gt: I told story of aswatthama elephant and suru drone

She :the persone who spoke lie he ll get the punishment in future?

Gt: my opinion differ from other

She : how was your gd and what is topic?

Gt: fantastic's I and I enjoyed a lot but I took 15 sec to recall the topic

She: why they selected u

Gt: in my form I mention my qualities (initial person , pleasant persona)

That I mention

She :why L&T

Gt: every companies growth depends on their emo

And on new tech and I m always ready to accept new challenges and new technology.

So She :what is pitch of modulation

Gt: my weekness and I m working on it

She: how

Gt: by recording my voice jet audio ,by default os ma, mob

She: about papaji

She: about bhiya mummy,ogi,

She : how was your tech

Gt:7.0/10

She:ok

Ok you can leave now be bye

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SECTION#1 Quantitative Aptitude questions

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1. A square garden has fourteen posts along each side at equal interval. Find how many posts are there in all four sides:

- (a) 56
- (b) 52
- (c) 44
- (d) 60

2. Average age of students of an adult school is 40 years. 120 new students whose average age is 32 years joined the school. As a result the average age is decreased by 4 years. Find the number of students of the school after joining of the new students:

- (a) 1200
- (b) 120
- (c) 360
- (d) 240

3. When Rs 250 added to $\frac{1}{4}$ th of a given amount of money makes it smaller than $\frac{1}{3}$ rd of the given amount of money by Rs 100. What is the given amount of money?

- (a) Rs 350
- (b) Rs 600
- (c) Rs 4200
- (d) Rs 3600

4. Find the least number of candidates in an examination so that the percentage of successful candidates should be 76.8%:

- (a) 500
- (b) 250
- (c) 125
- (d) 1000

5. The number of times a bucket of capacity 4 litres to be used to fill up a tank is less than the number of times another bucket of capacity 3 litres used for the same purpose by 4. What is the capacity of the tank?

- (a) 360 litres
- (b) 256 litres
- (c) 48 litres
- (d) 525 litres

6. Simplify:

$$\frac{1}{1 + \frac{1}{1 + \frac{1}{1 + \frac{1}{2}}}}$$

(a) $\frac{8}{5}$

(b) $\frac{5}{8}$

(c) $\frac{1}{2}$

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

7. A certain quantity of rice is spent daily for 30 students in a hostel. One day some students were absent as a result, the quantity of rice has been spent in the ratio of 6 : 5. How many students were present on that day?

- (a) 24
- (b) 20
- (c) 15
- (d) 25

8. The ratio of daily wages of two workers is 4 : 3 and one gets daily Rs 9 more than the other, what are their daily wages?

- (a) Rs 32 and Rs 24
- (b) Rs 60 and Rs 45
- (c) Rs 80 and Rs 60
- (d) Rs 36 and Rs 27

9. Find the ratio of purchase price and sell price if there is loss of $12\frac{1}{2}\%$

- (a) 7 : 8
- (b) 8 : 7
- (c) 2 : 25
- (d) 25 : 2

10. The simplified value of $1.2 + (1.2)^2 + (1.2)^3$ is:

- (a) 4.248
- (b) 4.368
- (c) 3.248
- (d) 3.368

11. The rate of failure in an examination is 39.25%. Find the least number of total candidates appeared in the examination.

- (a) 500

- (b) 400
- (c) 125
- (d) 260

12. Find H.C.F. of $\frac{3}{5}$, .36, .24

- (a) .04
- (b) 2
- (c) .4
- (d) None of the above

13. 0.8 portion of a tank is filled with water. If 25 litres of water is taken out from the tank, 14 litres of excess water over the half filled up tank remains in it. Find the capacity of the tank.

- (a) 100 litres
- (b) 130 litres
- (c) 200 litres
- (d) 150 litres

14. The ratio of ages of two persons is 4 : 7 and one is 30 years older than the other. Find the sum of their ages.

- (a) 210 years
- (b) 110 years
- (c) 90 years
- (d) 140 years

15. The ratio of the age of a gentleman and his wife is 4 : 3. After 4 years this ratio will be 9 : 7. If at the time of their marriage the ratio was 5 : 3, how many years ago they were married?

- (a) 10 years
- (b) 8 years
- (c) 12 years
- (d) 15 years

16. Simplify:

$$(1.3 \times 1.3 \times 1.3 - 1) / (1.3 \times 1.3 + 1.3 + 1)$$

- (a) .3
- (b) $\frac{31}{3}$
- (c) ..3
- (d) 1

17. What sum of money is to be divided among 3 men in the ratio 3 : 4 : 5 so that the third man receives Rs 10 only.

- (a) Rs 56
- (b) Rs 84
- (c) Rs 120
- (d) Rs 24

18. Sum of two numbers prime to each other is 20 and their L.C.M. is 99. What are the numbers?

- (a) 8 and 12

- (b) 14 and 6
- (c) 19 and 1
- (d) 11 and 9

19. Find square root of 2.7

- (a) .5
- (b) 5
- (c) 11/3
- (d) .3

20. Find the greatest of the four least common multiples of 3, 5 and 7.

- (a) 1
- (b) 420
- (c) 315
- (d) 105

21. Find the greatest number which on dividing 107 and 120 leaves remainders 5 and 1 respectively.

- (a) 25
- (b) 6
- (c) 9
- (d) 17

22. Express Rs 25 as percentage of Rs 75:

- (a) 3%
- (b) 30%
- (c) ..3%
- (d) 33.3%

23. 25% of X = 45% of Y. Then X : Y is:

- (a) 5 : 9
- (b) 3 : 5
- (c) 5 : 3
- (d) 9 : 5

24. The value of $99 + 99\frac{1}{7} + 99\frac{2}{7} + 99\frac{3}{7} + 99\frac{4}{7} + 99\frac{5}{7} + 99\frac{6}{7}$ is:

- (a) 594
- (b) 595
- (c) 596
- (d) 597

25. If n is any positive odd integer greater than 1, the $n(n^2 - 1)$ is always divisible by:

- (a) 7
- (b) 5

- (c) 24
- (d) 15

26. The value of $\{(.87)^3 + (.13)^3 + .87 \times .39\}^{0.5}$ is:

- (a) 0.6
- (b) 1
- (c) 0
- (d) 3

27. A hawker purchased oranges at the rate of 4 oranges in a rupee, but he sells at the rate of 5 oranges in a rupee. His loss is:

- (a) 20%
- (b) 25%
- (c) 50%
- (d) 100%

28. A businessman purchased 35 kg dal of Rs 525 and sells it at the rate of Rs 18 per kg. Then the rate of profit or loss is:

- (a) 20% profit
- (b) 25% loss
- (c) 25% profit
- (d) 20% loss

29. The difference and the product of two numbers are 32 and 2145 respectively. Their sum is:

- (a) 89
- (b) 98
- (c) 78
- (d) 87

30. The sum of two numbers is 45 and their product is 500. The G.C.M. of the numbers is:

- (a) 5
- (b) 9
- (c) 10
- (d) 15

SECTION#2

1. Directions: The questions (a-h) are based on the following statements.

- A) Seeta, Rajinder and Surinder are children of Mr. and Mrs. Maudgil
- B) Renu, Raja and Sunil are children of Mr. and Mrs. Bhaskar
- C) Sunil and Seeta are married and Ashok and Sanjay are their children
- D) Geeta and Rakesh are children of Mr. and Mrs. Jain
- E) Geeta is married to Surinder and has three children named Rita, Sonu and Raju.

a). How is Rajinder related to Raju?

- a) brother
- b) uncle
- c) brother in law

- d)cousin
- e)maternal uncle

- b).How is Rajinder related to Ashok?
- a)brother in law
 - b)father in law
 - c)cousin
 - d)uncle
 - e)maternal uncle

- c).How is Rakesh related to surinder?
- a)brother
 - b)cousin
 - c)uncle
 - d)maternal uncle
 - e)brother in law

- d).How is rakesh related to raju?
- a)brother
 - b)cousin
 - c)uncle
 - d)maternal uncle
 - e)brother in law

- e).what is sanjay's surname?
- a)bhaskar
 - b)jain
 - c)maudgil
 - d)surinder
 - e)none of these

- f).Renu is sanjay's
- a)sister
 - b)sister in law
 - c)cousin
 - d)niece
 - e)aunt
- g). Raju's surname is
- a)Jain
 - b)bhaskar
 - c)maudgil
 - d)surinder
 - e)none of these

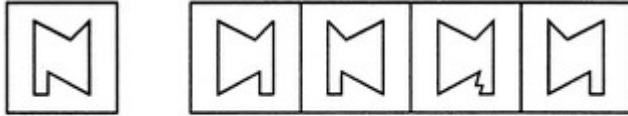
- h).Sunil and Rakesh are related as
- a)brothers
 - b)cousins
 - c)uncle and cousin

- d)brother in law
- e)none of these

Directions to Solve

In each of the following questions, choose the correct mirror images of the given image of the Fig.(X) from amongst the four alternatives (1), (2), (3) and (4) given along with it

2. Choose the correct mirror image of the given figure (X) from amongst the four alternatives.



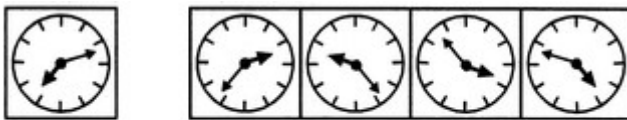
- A. 1
- B. 2
- C. 3
- D. 4

3. Choose the correct mirror image of the given figure (X) from amongst the four alternatives.



- A. 1
- B. 2
- C. 3
- D. 4

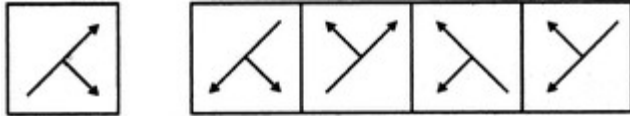
4. Choose the correct mirror image of the given figure (X) from amongst the four alternatives.



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

- A. 1
- B. 2
- C. 3
- D. 4

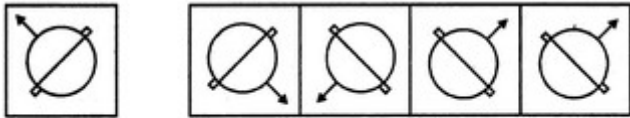
5. Choose the correct mirror image of the given figure (X) from amongst the four alternatives.



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

- A. 1
- B. 2
- C. 3
- D. 4

6. Choose the correct mirror image of the given figure (X) from amongst the four alternatives.



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

- A. 1
- B. 2
- C. 3
- D. 4

Directions to Solve

In each of the questions below are given three statements followed by three conclusions numbered I, II and III, You have to take the given statements to be true even if they seem to be at variance from the commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

7. Statements:

All fruits are vegetables. All pens are vegetables. All vegetables are rains.

Conclusions:

- 1. All fruits are rains.
- 2. All pens are rains.
- 3. Some rains are vegetables.

- A. None follows
- B. Only I and II follow
- C. Only II and III follow
- D. Only I and III follow
- E. All follow

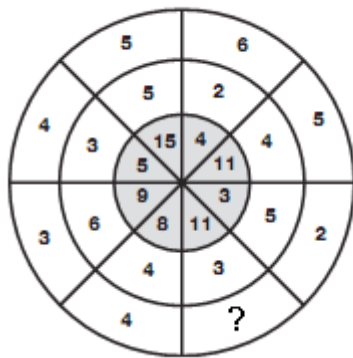
8.. Statements: Some towels are brushes. No brush is soap. All soaps are rats.

Conclusions:

- 1. Some rats are brushes.
- 2. No rat is brush.

3. Some towels are soaps.
A. None follows
B. Only either I or II follows
C. Only II follows
D. Only I and III follow
E. None of these
9. Statements: Some pictures are frames. Some frames are idols. All idols are curtains.
Conclusions:
1. Some curtains are pictures.
2. Some curtains are frames.
3. Some idols are frames.
A. Only I and II follow
B. Only II and III follow
C. Only I and III follow
D. All follow
E. None of these
10. Statements: Some hills are rivers. Some rivers are deserts. All deserts are roads.
Conclusions:
1. Some roads are rivers.
2. Some roads are hills.
3. Some deserts are hills.
A. None follows
B. Only I follows
C. Only I and II follow
D. Only II and III follow
E. All follow
11. Statements: Some saints are balls. All balls are bats. Some tigers are balls.
Conclusions:
1. Some bats are tigers.
2. Some saints are bats.
3. All bats are balls.
A. Only I and II follow
B. Only II follows
C. Only I and III follow
D. Only III follows
E. None of these
- 12.

Which number replaces the question mark?



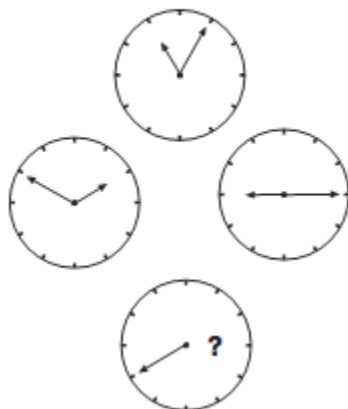
13.

Which letter replaces the question mark?

D		F		I	
	X		R		M
E		M		O	
	A		V		R
G		N		V	
	E		A		?

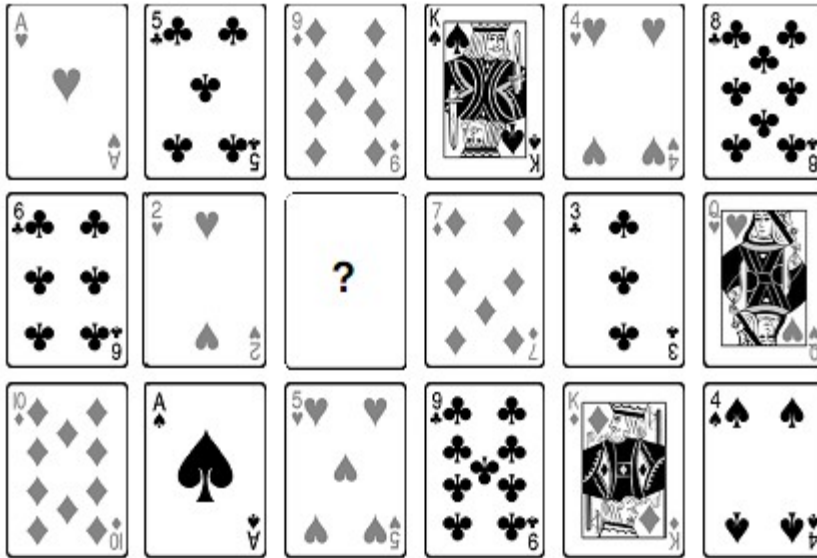
14.

Where should the hour hand point to on the bottom clock?



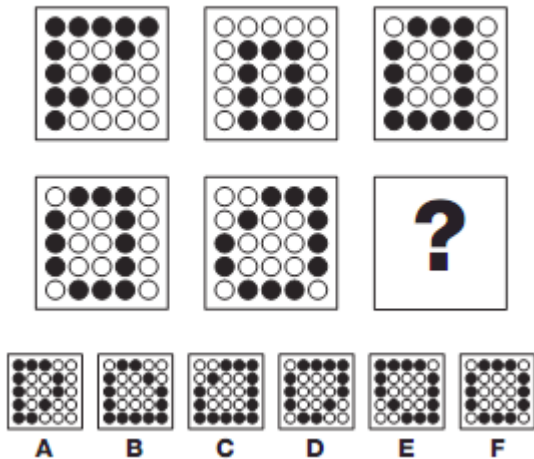
15.

Which playing card replaces the question mark?



16.

Which segment replaces the question mark?



17. Mr. X, a mathematician, defines a number as 'connected with 6 if it is divisible by 6 or if the sum of its digits is 6, or if 6 is one of the digits of the number. Other numbers are all 'not connected with 6'. As per this definition, the number of integers from 1 to 60 (both inclusive) which are not connected with 6 is

- A. 18
- B. 22
- C. 42
- D. 43

18. Find the number which when added to itself 13 times, gives 112.

- A. 7
- B. 8

- C. 9
- D. 11

19. Aruna cut a cake into two halves and cuts one half into smaller pieces of equal size. Each of the small pieces is twenty grams in weight. If she has seven pieces of the cake in all with her, how heavy was the original cake ?

- A. 120 grams
- B. 140 grams
- C. 240 grams
- D. 280 grams
- E. None of these

20. A total of 324 coins of 20 paise and 25 paise make a sum of Rs. 71. The number of 25-paise coins is

- A. 120
- B. 124
- C. 144
- D. 200

SECTION#3

Directions for Questions 1-3 : Choose the option which will correctly fill the blank.

1) I am writing to enquire _____ the possibility of hiring a conference room at the hotel on the 2nd of September.

- A) Of
- B) About
- C) Into
- D) After

2) _____ having her lunch, she stood - the tree and waited _____ him.

- A) With, below, for
- B) After, under, for
- C) Inside, further, to
- D) About, across, into

3) The microscopic animals are the primary food for larval cod and their decline has meant that fewer fish are making it to adulthood to be caught _____ trawlermen.

- A) In
- B) Into
- C) By
- D) With

Directions for Questions 4-6 : Choose the word nearest in meaning to the word in ITALICS from the given options.

4) The jacket is *impervious* to water.

- A) Dirty
- B) Pure

- C) Impenetrable
- D) Favorable

5) Chandan was *chagrined* with the continuous disruption of the power supply to his home.

- A) Delighted
- B) Creation
- C) Peeved
- D) Security

6) The latest *ordinance* issued by the government has provided the bank with two options.

- A) Decision
- B) Law
- C) Opinion
- D) Verdict

Directions for Questions 7-10: Choose the answer option which will correctly fill the blank.

7) _____ great writer is convinced that whatever he says is not an echo or imitation of what others have said.

- A) An
- B) The
- C) A
- D) No article required

8) _____ Reserve Bank of India directed banks to closely watch _____ spending through International Debit Cards.

- A) A, the
- B) The, the
- C) The, a
- D) -\n, the

9) The officer received _____ official letter from _____ Ministry of IT in _____ Central Government.

- A) A, the, an
- C) An, the, the
- B) A, an, the
- D) An, an, the

10) You CANNOT send out _____ uneducated man into _____ world of technology and expect him to perform.

- A) An, an
- B) A, an
- C) An, the
- D) The, an

Directions for Questions 11-15:

Read the passage and answer the questions that follow on the basis of the information provided in the passage. Microprocessor is an electronic computer Central Processing Unit (CPU) made from miniaturized transistors and other circuit elements on a single semiconductor Integrated

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Circuit (IC). Before the advent of microprocessors, electronic CPUs were made from individual small-scale Integrated Circuits containing the equivalent of only a few transistors. By integrating the processor onto one or a very few large-scale Integrated Circuit packages (containing the equivalent of thousands or millions of discrete transistors), the cost of processor power was greatly reduced. The evolution of microprocessors has been known to follow Moore's Law when it comes to steadily increasing performance over the years. This law suggests that the complexity of an Integrated Circuit with respect to minimum component cost will double in about 18 months. From humble beginnings as the drivers for calculators, the continued increase in power has led to the dominance of microprocessors over every other form of computer; every system from the largest mainframes to the smallest handheld computers now uses a microprocessor at their core. As with many advances in technology, the microprocessor was an idea whose time had come. Three projects arguably delivered a complete microprocessor at about the same time: Intel's 4004, Texas Instruments' TMS1000, and Garrett AiResearch's Central Air Data Computer. A computer-on-a-chip is a variation of a microprocessor, which combines the microprocessor core (CPU), some memory, and I/O (input/output) lines, all on one chip. The proper meaning of microcomputer is a computer using a (number of) microprocessor(s) as its CPU(s), while the concept of the patent is somewhat more similar to a micro controller.

11) Which of the following descriptions would NOT fit a microprocessor?

- A) Electronic computer
- B) Central Processing Unit
- C) Memory disk
- D) A single integrated chip circuit.

12) Select the TRUE statement from the following.

- A) Microprocessors and computers on a chip are variations of each other.
- B) Integration of processing power on chips has made processing power cheaper.
- C) Before microprocessors, CPUs were not made from individual small scale ICs.
- D) A microprocessor circuit only has transistors in it.

13) Which of the following was NOT the first to develop a microprocessor?

- A) Microsoft
- B) Intel
- C) Texas Instruments
- D) Garret

14) According to the passage, which of these is NOT a use of microprocessors?

- A) Drivers for calculators
- B) Core for large mainframes
- C) Advanced mobile phones
- D) Used for small handheld computers

15) "A number of microprocessors at its CPU" is an apt description of a:

- A) Micro-controller
- B) Micro-computer
- C) Micro-processor
- D) Micro-transistor

Directions for Questions 16-20:

Read the passage and answer the questions that follow on the basis of the information provided in the passage.

Dynamic Link Libraries Windows provides several files called dynamic link libraries (DLLs) that contain collections of software code that perform common functions such as opening or saving a file. When Windows application wants to use one of those functions or routines, the app sends a message to Windows with the names of the DLL file and the function. This procedure is known as calling a function. One of the most frequently used DLLs is Windows COMMDLG.DLL, which includes among others, the functions to display File Open, File Save, Search, and Print dialog boxes. The application also sends any information the DLL function will need to complete the operation. For example, a program calling the Open File function in COMMDLG.DLL would pass along a file spec, such as *. * or *.DOC, to be displayed in the dialog box's Filename text box. The application also passes along a specification for the type of information it expects the DLL to return to the

application when the DLL's work is done. The application, for example, may expect return information in the form of integers, true/false values, or text. Windows passes the responsibility for program execution to the DLL, along with the parameters and the return information the DLL will need. The specific DLL is loaded into memory, and then executed by the processor. At this point the DLL, rather than the application, runs things. The DLL performs all the operations necessary to communicate with Windows and, through Windows, with the PC's hardware. After the DLL function is complete, the DLL puts the return information into memory, where it can be found by the application, and instructs Windows to remove the DLL routine from memory. The application inspects the return information, which usually tells whether the DLL function was able to execute correctly. If the operation was a success, the application continues from where it left off before issuing the function call. If the operation failed, the application displays an error message.

16) By using DLLs, Windows:

- A) Saves processing time
- B) Multitasks
- C) Shares program code
- D) Communicates with PCs hardware

17) To use any routine of a DLL, Windows:

- A) Searches and copies it in the application code and executes it
- B) Loads the DLL file and searches and executes the routine
- C) Loads just the required routine in memory and executes it
- D) Searches the location of the routine and instructs the application to execute it

18) Which information does an application need to pass to Windows to use a DLL routine?

- A) Just the name of the routine
- B) Just the name of the DLL, which finds in turn the routine to be executed in return
- C) Both the name of the routine as well as DLL and any parameters
- D) Name of the DLL, routine, any parameters and type of information to be returned

19) According to the passage, while the DLL routine is executing, the calling application:

- A) Waits for the routine to execute
- B) Continues with other tasks
- C) Helps the DLL routine perform by communicating with Windows and through Windows with the PC's hardware
- D) Passes all responsibility of program execution to the DLL and is removed from memory

20) The DLL function after execution returns:

- A) The parameters and information into memory, where it can be inspected by the calling application
- B) Information into memory, where it can be inspected by the calling application
- C) To the calling application the information required by it so that it can inspect it
- D) The information required into memory so that DLL can inspect whether the function operation was a success

21) Directions for Questions (a-e): Read each sentence to find if there is any grammatical error in it. If there is any error, it will be only one part of the sentence. The number or alphabet of that part is your answer. (Disregard punctuation errors if any)

a. The major / along with / his soldiers / were killed in the field/.no error.

A B C D E

Ans:D

b. In this way nuclear fission / or the splitting/of the atom / have been achieved /no error.

A B C D E

Ans:D

c. The trust has succeeded / admirably in raising / money for / its future programs/ no error.

A B C D E

Ans:D

d. The apparently obvious solutions / to most of his problems /were overlook by /many of his friends / no error.

A B C D
E

Ans:C

e. By arresting the local criminals / and encouraging good people / we can end /hostilities of that area / no error.

A B C D E

Ans: D

22) Directions for Questions(a-e):

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In each of the following questions, some sentence are given which are on the same theme. decide which sentence is the most preferable with respect to grammar; meaning and usage, suitable for formal writing in English. Find the correct sentence.

- a. A) The dacoits being stopped to divide the booty, the police overtook them.
- B) The dacoits having stopped to divide the booty, the police had overtaken them
- C) The dacoits having stopped for dividing the booty, the police overtook them
- D) The dacoits having been stopped for dividing the booty, the police overtook them

Ans : C

- b. A) The harassed wife shot herself after bidding her husband the last good bye with a gun
- B) The harassed wife with a gun shot herself after bidding her husband the last goodbye
- C) The harassed wife shot herself with a gun after bidding her husband the last goodbye.
- D) With a gun the harassed wife shot herself, after bidding her husband the last goodbye.

Ans: C

- c. A) The receptionist must answer courteously the questions what are asked by the callers
- B) The receptionist must answer courteously the questions of all the callers
- C) The receptionist should answer courteously the questions of all callers
- D) The receptionist courteously should answer the questions of all callers
- E) There would have been no trouble if the receptionist had have always answered courteously.

Ans: C

- d. A) If you had told me that you were in Bombay I had certainly contacted by you instead of getting bored there
- B) If you had told me that you were in Bombay I would have certainly contacted you despite getting bored there.
- C) If you had told me that you were in Bombay I would have certainly contacted you instead of getting bored there.

D) If you would have told me that you were in Bombay I had certainly contacted you instead of getting bored there

Ans: C

e . A) The teaching staff must take their lectures regularly when are asked by the Principal

B) The teaching staff had taken the lectures regularly had they known that the Principal would come to know about it.

C) The teaching staff would have taken lectures regularly had they known that the Principal would know about it.

D) Many irregularities were found in their lectures by the Principal and he could not be disregarded them.

Ans: C