CAPGEMINI QUESTIONS PART 1

1. Before you begin to compose a business letter, sit down and think about your purpose for writing the letter. Do you want to request information, order a product, register a complaint, or apply for something? Do some brainstorming and gather information before you begin writing. Always keep your objective in mind.
   This Paragraph best supports the statements that:
   A. For many different kinds of writing tasks, planning is an important first step.
   B. Business letters are frequently complaint letters.
   C. Brainstorming and writing take approximately equal amounts of time.
   D. While some people plan ahead when they are writing a business letter, other do not.
2. Which of the given options can be formed using the letter of the following set?
   {a, w, r, t, l, s, o, n, m, l, b, h, e, p}
A. Help
B. Coup
C. Mouse
D. Peak

Study the flowchart given below and answer the questions that follow.
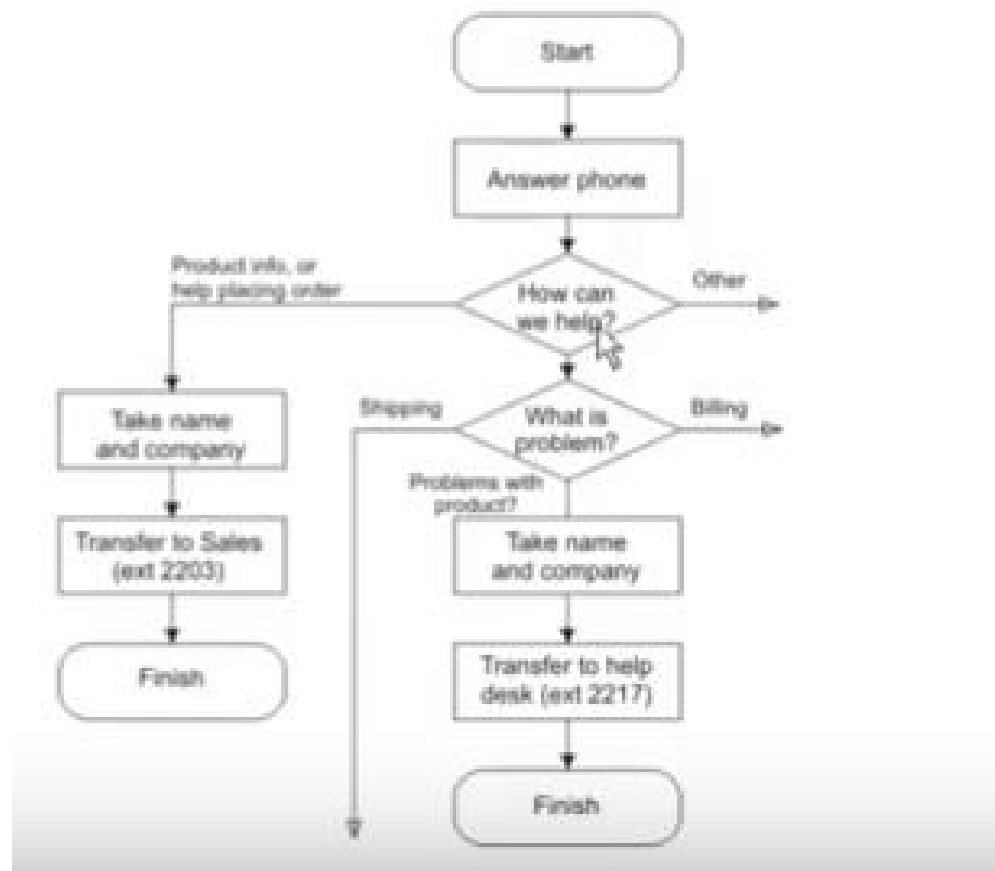

3. Taking details of a company is:

A. Decisional Call
B. Process step
C. Starting of the process
D. Instruction
4. Which of the following   statements is correct regarding the given diagram?
    A. This is a compete flow chart
    B. None of the mentioned options
    C. This is not a flow chart
    D. This flow chart is part of a bigger flow chart
5. For the following questions, choose the answer that best completes the comparison.

    Vehicle: Passenger car :: Tree?

    A. Air
    B. Roots
    C. Fruits
    D. Green
6. Directions:
    The questions that follows contains a set of figures showing sequence of folding of a piece of paper. The dotted lines in last figure shows the manner in which the folded paper was cut. The figures are followed by four answer figures marked (1), (2), (3) and (4) from which you have to choose a figure which would closely resemble the pattern in which the cuttings appear when the paper is unfolded.
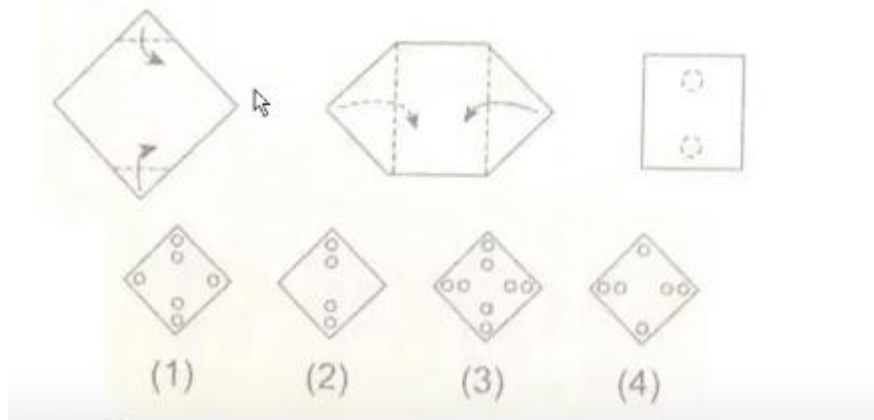
    A. (1)
    B. (2)
    C. (3)
    D. (4)
7. In a certain code, REFLECTED is coded as EDQBDKCDS, how would STRENGTHS be coded in the same language?
A. QSRFMDRGS
B. QSRFMERGS
C. QSRFMDSGS
D. QSRFMDRHS
8. From the given options identify which should complete the following sequence.

$$\int \sim | \sim 2 | \int \sim | ?$$

Ops: A. ⊙

B. ⊙

C. ⊙

D. ⊙
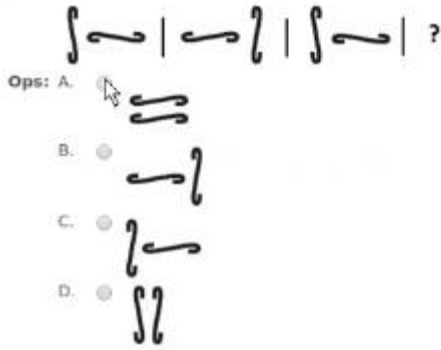
9. Study the following information   and answer the questions that follows.

BSD Means   B is the father of D

B9D Means B is the Sister of D

B4D means B is the brother of D

 B3D means B is the wife of D

Which of the following expressions indicated that F is the mother of K?

   A. F3M5K
   B. F5M3k
   C. F9M4N3K
   D. F3M5N3K
10. Below is given a questions followed by two statements numbered I and II. The questions may not be answered with the help of these statements. You have to decide of these statements are sufficient to answer the questions
    Questions: what is the projected population in Cebadoor for 1995?
    Statements:

I. The population in Cebadoor is projected to decline 2-8 percent annually from 1990 to 1995

II. the Population in cebadoor peaked in 1990 at 14.5 million

   A. Each statements alone is sufficient to answer the questions
   B. Only one of the statements, alone, is sufficient to answer the questions but other statement is not
   C. Both statements I and II together are sufficient to answer the questions asked but neither statements alone is sufficient
   D. Statements I and II together are not sufficient to answer the questions asked and additional date to the problem is needed.
11. Below is/are given statement/s followed by (two) conclusions. Take the given statement/s to be true, even if they contradict commonly known facts, and determine the conclusion/s that logically from the statement/s
    Statement(s):
    Conclusion:

I.The poor can never become Politicians.

II.All the rich men take part in politics

   A. Both Conclusion I and Conclusion II follow

   B. Only Conclusion I Follows

   C. Neither conclusion I nor II follows

   D. Only conclusion II follows

12. Fine the missing term in the following series.

   3, 9, 45, 315, ? 31185

   A. 1999

   B. 1654

   C. 3442

A company ABC Ltd. is into the business of selling personal computers. The refunds that it has to make to its customers on account of various faults are given in the table below.

Refund Cause	This Year	Last Year
Faulty Software	27%	32%
Faulty Hardware	48%	41%
Delivery Damage	9.50%	8%
False Advertisement	1.50%	1%
Customer Service	12%	15%
Other	2%	3%

   D. 2835

13. If total last year totaled 912 and year saw a 20% increase in the number of refunds. Then approximately how many refunds were issued this year due to delivery damage?

   A. 124

   B. 102

   C. 104

   D. 1040

14. If refunds totaled 912 last year and 615 this year, then by how much did faculty hardware refunds decrease?

   A. 93%

   B. 28%

   C. 21.05%

   D. 79%

Quantitative

17. "A" is earning 30% more than "B" and "B" is earning 40% more than "C". "A" is spending 10% more than "B" and "B" is spending 8% more than "C". What percent of C's income is A's saving?

A. Data insufficient

B. 65%

C. 75%

D. 80%

18. A train travels first 800 kms at an average rate of 150 kmph   and further travels the same distance at an average rate of 250 kmph. Determine the average speed of the train over the whole journey.

A. 187.5 Kmph

B. 200 Kmph

C. 205 Kmph

D. 195 Kmph

19. Rahul's age is three times the sum of ages of his two children. After 5 years his age will be twice the sum of ages his two children. Rahul's present age is:

A. 35 years

B. 45 years

C. 40 years

D. None of these

20. Rs. 1,000 is to be divided as incentives among three best employees in the firm such that Ekta receives twice as much as Ajay. Who receives one-fifth as much as Rahul. How much money did Rahul receive?

A. Rs. 480

B. Rs. 780

C. Rs. 325

D. Rs. 625

21. I sold a book at a profit of 12%. Had I sold it for Rs. 18 more, 18% would have been gained. Find the cost price.

A. Rs. 250

B. 400

C. 350

D. 300

22. priya and meena, alone can complete a sketch in 15 days and 20 days respectively. If they do sketching together for 4 days, then what is the amount (in units) of sketch left if the total sketch is for 225 units?

A. 200

B. 125

C. 120

D. 222

23. 6 boys can complete a work in 16days. 1 boy can complete it in:

A. 112 days

B. 80 days

C. 120 days

D. 128 days

24. Determine the average of the following data.

40, 19, 75, 83, 56, 33

    A. 51
    B. 52
    C. 54
    D. 53

25. when four times a number is added   to the square of the same number, the result is 96. What is the number?

A. 6

B. 5

C. 7

D. 8

26. The   ratio of incomes of two friends is 3: 5 in the next month their incomes are increased by Rs. 300 and Rs. 400 respectively. What is the new ratio of their incomes, if the difference in their incomes after increment is Rs. 500?

A. 1: 4

B. 4: 5

C. 2: 3

D. 9: 14

Q 27 Simplify:

$$\log_{13}(12) * \log_{14}(13) * \log_{15}(14) * \log_{16}(15) * \text{\_\_\_\_} * \log_{20}(19)$$

Ops: A. ◉ $\log_{20}(12 + 13 + 14 + \text{\_\_\_} + 19)$
      B. ◯ $\log_{20}(12)$
      C. ◯ $\log_{12}(20)$
      D. ◯ None of the mentioned options

28. Read the information given below and answer the questions that follows.

f(x) = f(x+1) + f(x+1), "x" is a whole number

f(0) = 2

f(2) – 0

what is the value of f(f(2))?

  A. 2
  B. 0
  C. Not defined
  D. 1

29. (3/21)th of 315 is:

A. 70

B. 45

C. 84

D. 56

30. A train running at certain speed crosses a stationary engine of another train in 5 seconds. The length of the train is 100 meters. Determine the speed of the train.

A. 23 m/s

B. Data inadequate

C. 20 m/s

D. 22 m/s

31. What is the chance of getting the sum of at least 7 in a single throw of two dice together?

A. 17/36

B. 5/12

C. 1 / 4

D. 7/12

32. A Man walks at a speed of 54 kmph. He coves a distance of 90 m in:

A. 4 Seconds

B. 5 Seconds

C. 6 Seconds

D. 8 Seconds

Important Instructions & Guideline

  1. Subjective Response

Q. 1. Please express your opinion on the given topic in 200 – 240 words. You are advised to adhere to the word limit to avoid and scoring penalty.

Social Media has made it easier to misuse one's right to freedom of expression.

CAPGEMINI PAPER PART 2

ANALYTICAL REASONING

1.For the following questions. Chose the answer that best completes the comparison.

Trees: Deforest station ;   ; Micro-organism ; ?

    A. Small
    B. Washing
    C. Serialization
    D. Killing
    2. In the following questions, the symbols &, !!, *, ? # are used with the following meanings illustrated
      "M * N" means "M is neither greater than nor equal to N".
      "M !! N" means "M is either greater than or equal to N"
      "M # N" means "M is greater than N"
      "M & N" means "M is neither smaller than nor equal to N".
      "M ? N" means "M is smaller than N".

      Now assuming the given statements to be true, find which of the given conclusions given below them is/are definitely true and give your answer accordingly.

      Statements:
      I.O # G
      II.G ? E
      III.E !! L

      Conclusions
   I. E & O
      II. L !! G
      III. L ? G
    A. Only conclusion I and II conclusion III follow
    B. Only conclusion I and conclusion II follow
    C. Only conclusion I follow
    D. None follows
    3. Which among the following sentence weakens the below arguments.

Arguments: PQR Company must settle all the product due to customers within three working days.

    A. Company PQR is unable to deliver the product to its customers due to transportation problems.
    B. Company PQR don't hold and debts, they do serve their customers immediately
    C. Company PQR is in shortage of stock
    D. Usually, company PQR delivers the products within three working days.

4. From the given options identify which should complete the following sequence.

Ops: A.
B.
C.
D.
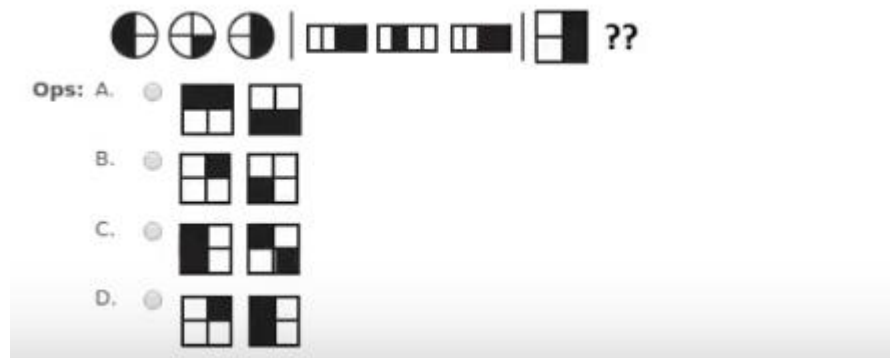
5. If in a certain code language "LOSE" is coded as 1357 and "GAIN" is coded as 2468, then which of the following words is that code language is coded as 84615?
   A. SNAIL
   B. SLAIN
   C. NAILS
   D. LANES

6. Read the following information carefully and answer the questions that follows:

There are six members in a family – I, II, III, IV, and VI. There are two married couples. II is a doctor and the father of V. VI is the grandfather of III and is a contractor. IV is the grandmother of V and is a housewife. there is one doctor, one contractor, one nurse, one housewife and two students in the family.

Questions: who is the husband of I?

   A. VI
   B. IV
   C. II
   D. III

Study the flow given in the following diagram and answer the questions that follow.

Box No. 1	2	3	4	5	6	7	8	9	10	11	12
6	19	2	1	5	10	18	12	3	15	21	9

START

1 — Subtract : (number in Box 5) - (number in Box 1). Put the result in Box 7.

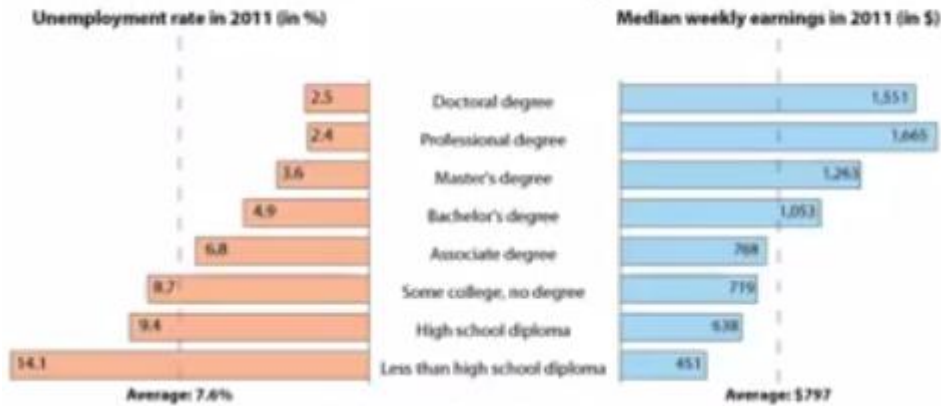2 — Multiply : (number in Box 6) x (number in Box 3). Put the result in Box 10.

3 — YES — Is the (number in Box 10) = (number in Box 7)?

NO

4 — YES — Is the (number in Box 8) > (number in the box whose number is in Box 4)?

NO

5 — Add : (number in Box 2) + (number in Box 11) + (number in Box 3). Put the result in Box 12.

6 — Is (number in Box 2) = (number in the box whose number is in Box 9)?

NO

YES

END

:26 / 59:04

7. What number is stored in Box 12 at the end of the flowchart?
A. -1
B. 1
C. 9
D. 0

8. Is (number in box 10) greater than (number in Box7) ?
A. Yes
B. Cannot be determined
C. No

9. Study the following arrangements carefully and answer the questions given below it.
   A ? H = J R S S % I T & * Q B K B @ E & I F W 9 % E N 5 $ P Q S E M O N ? $ =
   How many such digits are there in the above arrangements? Each of which is processed by vowel and also immediately followed by a consonars ?
   A. 0
   B. 3
   C. 1
   D. 2

Study the graph thoroughly and accordingly answer the questions the Follow.

Education Pays

Unemployment rate in 2011 (in %)

Rate	Degree
2.5	Doctoral degree
2.4	Professional degree
3.6	Master's degree
4.9	Bachelor's degree
6.8	Associate degree
8.7	Some college, no degree
9.4	High school diploma
14.1	Less than high school diploma

Average: 7.6%

Median weekly earnings in 2011 (in $)

Degree	Earnings
Doctoral degree	1,551
Professional degree	1,665
Master's degree	1,263
Bachelor's degree	1,053
Associate degree	768
Some college, no degree	719
High school diploma	638
Less than high school diploma	451

Average: $797

Source: Bureau of Labor Statistics, Current Population Survey

10. How much less (in percentage)   does a person possessing Master's degree earn weekly than a person possessing Doctoral degree?
    A. 22.8%
    B. 25.4%
    C. 18.56%
    D. 20.8%

11. A person with a "Professional" degree earns (weekly) what percentage more than a person with an "Associate" degree?
    A. 116.8%
    B. 16.8%
    C. 113.67%
    D. 53.67%

12. Find the missing term in the following series.

    3, 9, 45, 315, ? 31185

    A. 3442
    B. 1654
    C. 2835
    D. 1999

13. Directions:
    The questions that follows contains a set if figures showing a sequence of folding of a piece of paper. The dotted lines in figure shows the manner in which the folded paper was cut. The figures are followed by   four answer figures marked (1). (2), (3) and (4) from which you have to choose a figure which would closely resemble the pattern in which the cuttings appear when the paper in unfolded.

(1)   (2)   (3)   (4)
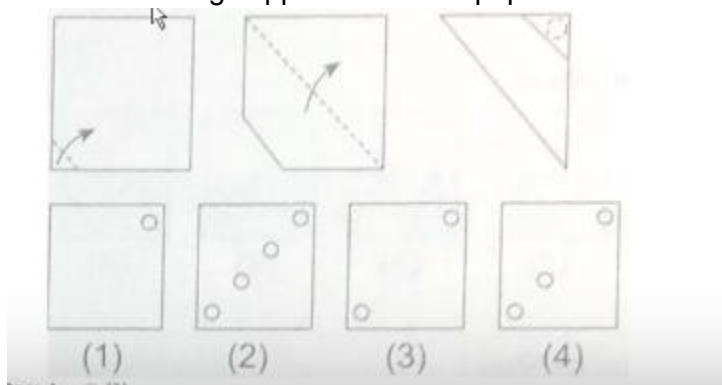
A. (1)
B. (2)
C. (3)
D. (4)

14. Two friends bought two bags whose prices were in the ratio of 1:3. If they sold them at a loss of 10%, the difference of the money earned by them was Rs. 360 what was the cost price of the costlier?
    A. 600
    B. 900
    C. 450
    D. 300

15. A car travels first 300 kms at an average rate of 30 kmph and further the same distance at an average rate of 60 kmph. Determine the average speed of the car over the whole journey.

A. 35 kmph
B. 45 kmph
C. 42 kmph
D. 40 kmph

16. A cheetah runs at a speed of 144 kmph. It covers a distance of 280 m in.
    A. 8 Seconds
    B. 9 Seconds
    C. 6 Seconds
    D. 7 Seconds