

# **CMAT 2023 Memory Based Question Paper (Shift 1 & Shift 2)**



## CMAT MBA Analysis 1<sup>st</sup> Shift

### Logical Reasoning

1. In an extended family, A is married to B, B has two sons C & D. The younger son D is married to E. F has two children E and G. How is G related to D?

**Ans.** Brother in law/Sister in law.

2. I : Wheat :: Brick : II [Verbal Analogy]

3. RAIN (Alphabet Coding) 57, 12, 31, 56

4. If the given interchanges are made in sign and numbers which of the four equations will be correct ?

**Ans.**  $3 - 6 \times 8 = 10$

5. A girl leaves her home and walks 30 mt forwards north. She turns clockwise by  $45^\circ$  and walks 30 mt. Then she turns anticlockwise by  $45^\circ$  and walks 30 mt. Then she turn  $90^\circ$  to her left and walks 60 mt. Then she turns towards her home. In which direction is she walking.

**Ans.** South

6. A is the Son of B, whose mother is C. D is the husband of E the grand daughter of C. If F is the wife of A, how is F's father-in-law related to D's daughter ?

**Ans.** Grandfather

7. How many squares does the figure have



**Ans.** 9

8. Deepti Introduced Mili to Rajiv and Said: " Her brother's father is the only son of my grandfather." How is Deepti related to Milli ?

**Ans.** Sister

9. If all sweet things are fluids and some fluids are coloured things then (A) Some sweet things are coloured things (B) Some sweet things are fluids © All fluids are sweet things (D) Some fluids are sweet things

A. A, B, C

B. A, C

C. B, C, E

D. A, C, E

**Ans.** Only D.

10. Some students were sitting in a row Sheela was sitting 12<sup>th</sup> from right and Veena was sitting 3<sup>rd</sup> from left then were 15 students in between Sheela and Veena How many students were sitting?

**Ans.** 30

11. Count the number of triangles in the following figure.



**Ans.** 12

12. Find the next term in the series ?

CAT, EER, GIP, \_\_\_\_\_, KUL

**Ans.** ION

13. If RASCAL is written as -22, then SIMPLE is ?

**Ans.** (-14)

14. Odd one out (Verbal Logic)

Chapter, Contents, Exercise, Book

15. Find the missing Number.



A. 194

B. 324

C. 582

D. 525

16. Few men were sitting in a row facing north. Sunil is 16<sup>th</sup> to the left of Romy who is 18<sup>th</sup> from the right. Jack is 11<sup>th</sup> from the left and is also fourth to the right of Sunil. How many men were sitting in the row ?

**Ans.** 40

17. VL Analogy - Foot : Skateboard :: Oar : ?

Fishing, Rowboat, Sailing, Pedal Boat.

## Quantitative Techniques and Data Interpretation

1. Which of the following statement are true?

- A. if  $x : y = 3 : 1$ , then  $x^3 - y^3 = \frac{10}{11}$   
B. if  $x = y + 12$ ,  $x : y = 3 : 2$   $z : y = 1 : 3$ , then  $z + x = 14$   
C. if  $3x = 8y$ ,  $5y = 92$  then  $\frac{x}{2} = \frac{72}{15}$

2. M, A, T are distinct positive integers such that  $M \times A \times T = 1147$ .

Which of the following is the maximum possible value of  $M + A + T$ ?

3. (I)  $P(A) = 0.6$ ,  $P(B) = 0.2$ ,  $P(AB) = 0.5$  then  $P(AC BC) = \frac{3}{10}$   
(II)  $P(A) = 0.2$ ,  $P(B) = 0.4$ ,  $P(A \cup B) = 0.6$  then  $P(AB) = \frac{3}{10}$

- A. Both Correct  
B. Both Incorrect  
C. I Correct  
D. II Correct

4. Let  $S(n)$  be the sum of digits of natural number  $n$ . For example  $S(128) = 1 + 2 + 8 = 11$   
What is the value of  $S(2^6 \times 3^4 \times 5^5)$

**Ans. 9**

5. (I) A bag contain 10 white and 10 red face marks, all mixed bag without looking and be sure to get a pair of same colour is 3.

(II) The minimum number of students needed in a class to gurantee that there are at least 6 students whose birth day fall in the same month, is 61.

6. (I) The difference between CP and SP = Rs. 240, if the profit is 20%, then selling price is 1440.

(II) If the CP of 10 DVDs is equal to the SP of 7 DVDs the profit is  $42\frac{6}{2}\%$ .

7. Anil travelled 300 km by bus and 260 km by taxi. It took him 9 hours 30 minutes. If he travels 260 km by bus and 240 km by taxi then he takes 6 minute more. The speed of the bus is

**Ans. 100 km/hr**

8. Find the range of real number  $x$ , for which the inequality  $(x + 2)(x + 5) > 40$  holds

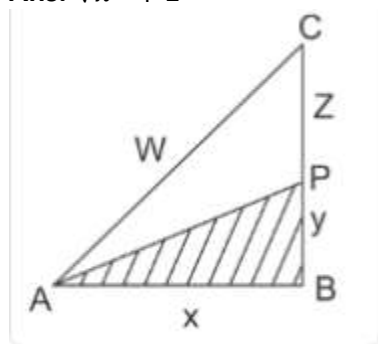
- A.  $(-\infty, 10) \cup (3, 8)$   
B.  $(3, \infty)$   
C.  $(-\infty, 1) \cup (1, \infty)$   
D.  $(-\infty, 10)$

9. A and B started a business with, investment of 4500 and 2700 respectively. Find the share of profit of A in the total amount of 256.

**Ans.** 160

10. In the diagram if the shaded area is one half of triangle ABC and  $\angle ABC$  is right angle, then the length of the line segment AD is

**Ans.**  $\sqrt{x^2 + z^2}$



11. (I) if roots of a quadratic equation is 2 and 3, then the equation is  $x^2 - 5x + 6 = 0$ , If the roots of  $4x^2 + 3kx + 9 = 0$  are real and distinct then  $k \leq 4$  or  $k \geq 4$ .

**Ans.** Both statement are correct.

12. The simple interest on a sum of certain principal in 8 years at the rate of 13% per year is Rs. 6500. What would be the compound interest on that principal at the rate of 8% previous year in 2 year?

**Ans.** 1040

13. (I)  $(243)^{-16} \times (9)^{0.1} = 0.3$  (II) if  $3.105 \times 10^p = 0.00239 + 0.000715$ , then  $p = -3$  [Statement II is correct]

14. Average of a, b, c is 11, average of c, d, e is 17. Average of e, f is 22, average of e and c is

15. What is the average of a, b, c, d, e, f.

**Ans.**  $18\frac{1}{2}$

16. The least number of square files required to pave the floor of a room 15 m and 91 cm and 9 m 46 cm broad is

**Ans.** 814

**(17 to 21):** Total number of players is 300. All the 300 players played all the matches in each tournament.

| Tournament | % Player who scored ranks |             |             |
|------------|---------------------------|-------------|-------------|
|            | Max than 60               | Max then 40 | Max than 20 |
| P          | 25%                       | 35%         | 80%         |
| Q          | 25%                       | 30%         | 60%         |
| R          | 20%                       | 30%         | 70%         |

17. Average number of players who scored more than 20 runs in all three tournament is  
**Ans.** 180

18. If L is the number of players who scored more than 40 runs in the tournament P and M is the number of players who scored less than or equal to 40 runs tournament R<sub>1</sub> then M-L =  
**Ans.** 105

19. What is the total number of players who scored more than 60 runs in all the three tournament?  
**Ans.** 210

20. Number of players who scored less than or equal to 40 runs in tournament Q is \_\_\_\_%. More than the number of players who scored more than 60 runs in tournament P and Q together.  
**Ans.** 40%

21. What is the ratio between the number of players who scored more than 60 runs in tournament Q to the number of players who scored less than or equal to 20 runs in tournament Q and R together?  
**Ans.** 5:14



## CMAT MBA Analysis 2<sup>nd</sup> Shift

### Language Comprehension

1. A medicine to counteract poison (Antidote, aquatic, agnostic, anthropology)
2. Pick the correct sentence-
  - A. I have passed the examination last year.
  - B. I pass the examination last year
  - C. I am passing the examination last year.
  - D. I passed the examination last year.
3. Meaning of 'prescribe' in the sentence (Arms culture should be prescribed by the government) allowed, prescribed, prohibited, defended)
4. Catch twenty two- a situation in which it's impossible to succeed because of conflicting rules or conditions, when you have a large difficult task to do in the future, when one problem causes another problem, which then causes the first problem again, when you are at the limit of your mental resources, desperate and without options.
5. Fill in the Blanks:
  - I. Gold and silver \_\_\_\_\_ precious metals
  - II. The ship with its crew \_\_\_\_\_ lost 14 was lost.
  - III. No hook or corner \_\_\_\_\_ left unexplored.
  - IV. Neither my friend nor I \_\_\_\_\_ to blame.
6. 7,8,9 – RC (what is religion) 800 words 3 direct 1 Vocab Based
7. No question
8. No question
9. No question
10. Choose the correct answer
  - I: I do not know whether he will come or not.
  - II. I do not know that he will come or not.
11. Error correction:

I don't think you need to explain the situation, your conduct is speaking itself:

  - A. I will speak for itself
  - B. Speak for itself
  - C. Has been speaking
  - D. Speaks about itself.

12. Passive Voice : My mother cooks Italian food every Sunday  
Italian food is cooked by my mother every Sunday

13. Lasting for a very short time- vulnerable, ambivalent, ephemeral, flamboyant

14. Error Detection. The earth moves round the sun, Isn't it?

15. Identify correct sentences

- A. She was pouring water in the jug.
- B. My father was angry with my brother.
- C. Rama has been living in Delhi for 1975.
- D. The children laughed at the beggar
- E. The patient was crying in pain.

16. Error Detection

"Neither he nor I are wrong"

17. 1. "The primary objective of the essay is to draw 2. Analogies between the two work. 3. Addressing the common memories and trauma of dislocation. 4. No error.

18. Active voice. The child was looked after by the maid.  
The maid looked after the child.

### Quantitative Techniques and Data Interpretation

1. If SP of 320 web cameras is equal to CP of 400 web cameras, then P% is

- A. 12%
- B. 20%
- C. 40%
- D. 25%

**Ans. D**

2. Statement I – A savings account at bank A Pays 6.2% interest compounded annually, Bank B savings account pays 6% compounded semi annually. Bank B is paying less total interest each year.

Statement II – A sum of money at a certain rate at CI doubles in 3 years. In 9 years, it will be P times original Principal. Then p = 9

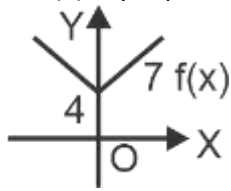
Choose correct answer

- A. Both I & II are true
- B. Both are false
- C. I is true II is false
- D. I is false, II is true

**Ans. C**



3.  $F(x) = |2x| + 4$  for all  $x$

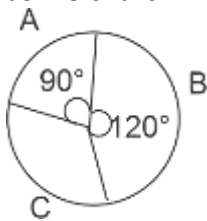


For which function  $G$  defined for all  $x$ , does the graph of  $G$  intersect the graph of  $F$ ?

- A.  $G(x)$
- B.  $= x + 3$
- C.  $G(x) = 2x - 2$
- D.  $G(x) = 2x + 3$
- E.  $G(x) = 3x - 2$

**Ans. A**

(DI)4. Cost of 3 components A, B and C of an electronic machine cost Rs. 12000 in 2020 is given as Pie chart.



In the following year, the cost of three components A, B and C increased by 10%, 20% and 10% respectively. The cost of three components A, B & C in 2021 was

- A. 3300, 4950, 5350
- B. 3300, 4800, 5500
- C. 3200, 4700, 5600
- D. 3600, 4800, 5600

**Ans. B**

5. Find the 95th term of the letter series?

A, A, B, B, B, B, C, C, C, C, C, C, D, D, D, D, D, D, D, E, .....

- A. H
- B. I
- C. J
- D. K

**Ans. C**

6. A certain sum of money earns a SI of Rs. 800 over 2 years period. The same of money invested at the same rate of interest and same period on CI earns at interest of Rs. 900. Find the sum.

- A. 1200
- B. 1600
- C. 2000
- D. 2400

**Ans. B**

7. If  $x > 0$ , then which of the following are equal to  $3.6\%$  of  $\frac{5x}{12}$ ?

- A.  $3\%$  of  $20x$
- B.  $x\%$  of  $\frac{3}{2}$
- C.  $3x\%$  of  $0.2$
- D.  $0.05\%$  of  $3x$

8.  $\frac{3x}{200}$

- A. A and B only
- B. A and C only
- C. C and D only
- D. B and E only

**Ans. D**

9. Age of P = a, Age of Q = b, Age of R = c,  $A \leq b \leq c$  are natural number Avg. age of P, Q & R = 32 years and if age of Q is exactly 6 years more than that of P, then what is the minimum value of c?

- A. 34 years
- B. 36 years
- C. 38 years
- D. 32 years

**Ans. A**

10. Statement I : Ravi walks from his house at speed of 5 km/h and reaches college 10 minutes late. If he increases the speed by 1 km per hours next day, he reaches college 4 mins earlier. If the college is P km far from his house then  $P = 7.5$  km.

Statement II: Amit runs  $2\frac{1}{3}$  times as fast as Babita. If Amit gives Babita start of 80 m, then the winning post must be 140 mtr far so that Amit & Babita might reach it at the same time.

- A. Both I & II are true
- B. Both are false
- C. I is true II is false
- D. I is false, II is true.

**Ans. D**

11. Statement I. The number of ways to pack 6 copies of the same book into 4 identical boxes where a box can contain as many as 6 books, is 9

Statement II: The minimum number of students needed in class to guarantee that there are at least 6 students whose birthday fall in the same month, is 61

- A. both I and II is true
- B. both are false
- C. I is true, II is false
- D. I is false, II is true

12. If  $5^a = 9^b = 2025$ , then the value of  $\frac{ab}{a+b} = ?$

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

**Ans. C**

13. If  $x - \frac{1}{x} = y$ ,  $y - \frac{1}{y} = z$ ,  $z - \frac{1}{z} = x$ , then which equations are true?

- a.  $\frac{1}{x} + \frac{1}{y} + \frac{1}{z} = 0$
- b.  $\frac{1}{x^2} + \frac{1}{y^2} + \frac{1}{z^2} = 8$
- c.  $\frac{1}{xy} + \frac{1}{yz} + \frac{1}{zx} = -3$

Choose the correct answer

- A. a and b only
- B. a and c only
- C. b & c only
- D. a, b and c only

14. A train running at 18 km/h crosses a mark on the platform in 9 seconds and takes 25 seconds to cross the platform if P is the length of the train and Q is the length of the platform in meters, then (P, Q)=?

- A. (45, 80)
- B. (45, 75)
- C. (50, 90)
- D. (50, 80)

**Ans. A**

15. Find the probability of getting a sum of 22 or more when 4 dice are thrown.:

- A.  $\frac{5}{432}$
- B.  $\frac{5}{648}$
- C.  $\frac{1}{144}$
- D.  $\frac{7}{36}$

**Ans. C**

16. What is the area of an equilateral triangle whose inscribed circle has radius 'R'

- A.  $4R^2$
- B.  $4\sqrt{3}R^2$
- C.  $3\sqrt{3} + 2\sqrt{3}R^2$
- D.  $3\sqrt{3}R^2$

**Ans. D**

17. A no. of distinct and letter words are possible using the letters of the word SYLLABUS. If a word is chosen at random, then;

I. The probability that the word contains the two 'S's' together is  $\frac{1}{4}$

II. The probability that the word begins and end with L is  $\frac{1}{28}$

- A. both I And II are true
- B. both false
- C. I true and II false
- D. I false and II true

**Ans. A**

18. 3 pipes, P, Q, R can fill a tank in 6 hours. After working at it together for 2 hours, R is closed and both P and Q can fill the remaining parts in 7 hours. The number of hours that will be taken by R alone to fill the tank is \_\_\_\_\_.

- A. 10
- B. 12
- C. 14
- D. 16

**Ans. C**

19. Arrange the following numbers in increasing order.

- 1.  $\sqrt{59} - \sqrt{51}$
- 2.  $\sqrt{37} - \sqrt{29}$
- 3.  $\sqrt{87} - \sqrt{79}$
- 4.  $\sqrt{79} - \sqrt{71}$

Choose the correct answer:

- A.  $B < A < D < C$
- B.  $C < D < B < A$
- C.  $B < A < C < D$
- D.  $C < D < A < B$

20. Statement I : Ratio of son's age to that of father's age is 1 : 5. The product of their ages is 245. The ratio of the son's age to that of father's age after 9 years will be 3 : 5.

Statement II : A milkman adds 30 litres of water to 70 litres of milk after selling  $\frac{1}{5}$ th of the total quantity, he adds water equal to the quantity he sold. The Proportion of water to milk he sells now would be 28 : 72. Choose the correct answer.

- A. both I and II is true
- B. both are false
- C. I is true, II is false
- D. I is false, II is true

**Ans. B**

21. The number of all integers  $n$  for which  $n^2 + 96$  is a perfect square is:

- A. 4
- B. 6
- C. 8
- D. 10

### Logical Reasoning

Out of 400 students who attended a seminar, 240 opted for written exam, 200 opted for presentations, 160 opted for assignments and 20 did not opt for giving any of the three methods of test 200 students had exactly one of the three method of test

1. How many students opted for exactly 2 of the three testing methods?

- A. 140
- B. 160
- C. 220
- D. 170

**Ans. 140**

2. In a certain code, 'CAB' is written as 75, how will 'RULE' be written as?

- A. 85
- B. 64
- C. 45
- D. 52

**Ans. 52**

3. Select the pair which has same type of relationship like Barometer : Pressure

- A. Force : KG
- B. Richter Scale : Heat
- C. Weighing scale : meter
- D. Thermometer : Temperature

**Ans. D**

4. If % means 'is less than', \$ means 'is greater than' and # means 'is equal to', and given that  $a\%b, c\#d$  and  $c\$b$ , then which is true?

- A.  $a > b$
- B.  $a < c$
- C.  $c > d > a$
- D.  $d < b$

**Ans. B**

5. If 23rd April, 1995 is a tuesday, then what will be the day on 23rd April, 1988?

- A. Monday
- B. Friday
- C. Saturday
- D. Sunday

6. Find the missing term:

$ZA_5, Y_4B, XC_6, W_3D, \underline{\hspace{1cm}} \underline{\hspace{1cm}}$

- A.  $UD_2$
- B.  $VE_7$
- C.  $V_4C$
- D.  $DD_3$

**Ans. B**

7. Complete the series 564, 152, 48, 21,  $\underline{\hspace{1cm}} \underline{\hspace{1cm}}$  from the find options :

- A. 132
- B. 24.2
- C. 15.25
- D. 13.25

8. Match List I with List II

| List I    | List II      |
|-----------|--------------|
| A. Embark | (i) QGPIJC   |
| B. Decide | (ii) CKDCPT  |
| C. People | (iii) NCQRJC |
| D. Single | (iv) BCEKBC  |

CODES:

- A. A-ii, B-iv, C-iii, D-i
- B. A-i, B-ii, C-iii, D-iv
- C. A-iv, B-i, C-ii, D-iii
- D. A-iv, B-iii, C-ii, D-i



9. Statement : Women should be allowed to go out alone

Argument I: Yes, It would make them independent and safe

Argument II : No, they are under the protection of their male affines and they should be with them always.

- A. Only argument I is strong
- B. Only argument II is strong
- C. Both arguments I & II are strong
- D. Both arguments I & II are weak

10. If MOUSE is written as FTVPN, then RACKET is written as

- A. UELBCS
- B. GSWRM
- C. UFLDBS
- D. HFMDBS

**Ans. C**

11. A  $3 \times 3$  matrix is filled with the numbers form 31 to 39 according to the following rules.

- A. 38 is above 39 and to the right of 32
- B. 33 is to the right of 37 and above 39 which is to the left of 34.
- C. 32 is to the left of 35
- D. 37 is above 36 and 32
- E. 31 is above 35

'Above' and 'below' mean that they are in the same column while 'left' and 'right' mean that they are in the same row.

12. What is the sum of the numbers in the middle row?

- A. 101
- B. 105
- C. 107
- D. 109

**Ans. B**

13. Identify odd group of letters CE,IK,SV,FH,UW

- A. SV
- B. IR
- C. UW
- D. FH

**Ans. A**

14. A statement below is followed by two conclusions I and II.

Assuming that everything in the statement is correct, consider the two conclusions together and decide which of them follows beyond reasonable doubt, from the information given in the statement.

Statement: In a one day match, total runs made by a team were 200. Out of which 160 runs were made by spinners.

Conclusion I : 80% of the team consists of spinners

Conclusion II: The opening batsmen were spinners

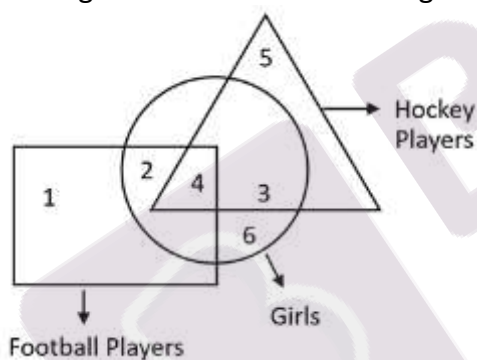
- A. Only I follows
- B. Only II follows
- C. Both I and II follows
- D. Neither I nor II follows

15. In a certain code language, if the word BEAUTIFUL is coded as BFLTAEIUU, then how is the word TECHNICAL coded in that language?

- A. CCTNLHAEI
- B. CCAEIH LNT
- C. CAEICHLNT
- D. CCHLNTAEI

**Ans. D**

16. Given below is the diagram which represents various sports played by the students based on the diagram. Find the number of girls who neither play Hockey nor Football.



- A. 6
- B. 9
- C. 7
- D. 8

**Ans. A**

17. Find the odd one among the following:

- A. 143
- B. 168
- C. 225
- D. 195

**Ans. C**

18. Abhishek, Bineeta, Manisha, Hari, Vaishali and Gaurav are sitting around a circular table not necessarily in the same order. Some of them are facing the centre and the remaining are facing away from the centre

- (i) Gaurav sits immediate left of Bineeta
- (ii) Only Abhishek and Bineeta face away from the centre
- (iii) Vaishali and Hari on sitting next to each other
- (iv) There are two people between Hari and Gaurav
- (v) Abhishek is the neighbour of Manisha and Gaurav

If Abhishek and Hari interchange their places (having same facing direct then who among the following sits to the immediate left of Abhishek)

- A. Vaishali
- B. Hari
- C. Manisha
- D. Gaurav

19. Two statements are given below there may be cause and effect relationship between the two statements these may be the result of the same cause or independent cause. Read both the statements and mark the answer:

I. There is an increase in the water level of all the water tanks supplying drinking water to the city in the last fortnight

II. Most of the train are cancelled due to water logging on the tracks

- A. Statement 1 is the cause and 2 is the effect
- B. Statement 2 is the cause and 1 is the effect
- C. Both the statements 1 & 2 are effects of independent causes
- D. Both the statements 1 & 2 are effects of the same common cause

### GK

1. Who was chosen as 1st 'Satyagrahi to launch the individual satyagraha in 1940?

- A. J L Nehru
- B. Bal Gangadhar Tilak
- C. Brahma Datt
- D. Acharya Vinoba Bhave

**Ans.** Acharya Vinoba Bhave

2. Who among the sports person was appointed as V.C. of Delhi sports university in June 2021?

- A. PT Usha
- B. Abhinav Bindra
- C. Karnam Malleshwari
- D. Rajyavardhan Rathore

**Ans.** Karnam Malleshwari

3. Who among the following is a structural Biologist who shared the 2009 Nobel Prize in Chemistry for studies on the structure and function of Ribosome and is a Padma Vibushan Awards.

- A. Vijayan OV
- B. Venki Ramakrishnan
- C. Har Gobind Khuranna
- D. Venkayya Pingali

**Ans.** Venki Ramakrishnan

4. The author of the book “The struggle in my Life” is

- A. Jomo Kenyatta
- B. Nelson Mandela
- C. Frederick
- D. Bishop Desmond

**Ans.** Nelson Mandela

5. Statements about Judicial system of India. Which are true?

6. 2 Statements I and II are given, about OTT platforms, which are true/false?

7. Match the column – Regarding Olympic medals

8. Match the column – Games given

9. Match the column – Device name given – like Thermocouple, Anemometer

10. Name of corona virus, variants?

Alpha Variant,  $\beta$  Variant, Gamma, Delta, Kappa

11. Statement I : Nilgiri hills connect Eastern and Western Ghats

Statement II : Satpura hills connect Eastern and Northern Ghats

- A. Both I & II are true
- B. Both are false
- C. I is true II is false
- D. I is false, II is true.

**Ans.** The Western Ghats and Eastern Ghats meet at the Nilgiri Hills

12. Who can dissolve the Lok Sabha before the expiry of its normal term of 5 Years?

- A. PM
- B. President
- C. President on recommendation of PM
- D. Resident on recommendation of Speaker

**Ans.** The President can Dissolve the Lok Sabha before the Expiry of its term

13. Points on History of Buddhism in India. Which is true?

14. Which thinker is attributed to the following statement : “So long as the millions live in hunger and ignore and, of hold every men a traitor”

- A. Ram M. Lohia
- B. Swami Vivekananda
- C. M N Roy
- D. RRM Roy

**Ans.** Swami Vivekananda

15. 2 statements about Insurance Sector - which are true?

16. 2 Statements about Science related .... Lexicography which are true or false?

17. Who was associated with philosophy “ Divinity in Humanity?

- A. Ram Krishan Paramhansa
- B. Mother Teresa
- C. Swami Vivekananda
- D. Swami Shivananda

**Ans.** Swami Vivekananda

18. Which of the following, Bengali works of fiction is often considered as the 1st political novel in India?

- A. Anandmath
- B. Gora
- C. Onti Dani
- D. Ghasiram

**Ans.** Anandmath

19. Which river is part of the Peninsular river system?

- A. Betwa
- B. Beas
- C. Narmada
- D. Gandhak
- E. Tapi

**Ans.** Peninsular rivers Narmada and Tapi

20. In Nov. 2020, Union Cabinet gave its nod merge which two banks?

- A. Lakshmi Vilas with Allahabad Bank
- B. DBS Bank with Allahabad
- C. Lakshmi Vilas Bank with DBS Bank of India
- D. DBS Bank with Karur Vysya Bank

**Ans.** Lakshmi Vilas Bank with DBS Bank of India

### **Inno & Entre**

1. The start-up loans offered by MUDRA banks to small enterprises, business which are non-corporate, and non-form small/micro enterprises is up to the limit ??? Rs. \_\_\_\_\_ lacs.

- A. 20
- B. 10
- C. 40
- D. 30

2. In context of market feasibility analysis the analyst should consider the following factors as a priority.

- A. Target market attractiveness
- B. Financing of market expenditure
- C. Availability of marketing personnel
- D. Market leadership

3. The business plan of a venture must show consistent, but manageable projected growth because

- A. Many entrepreneurs fail after expanding too rapidly
- B. Investors want to see quick growth
- C. Banks are interested in profits, not expenses
- D. Bankers & investors prefer small companies



4. Which of the following statement(s) is/are true ?

- (A) Technical feasibility is not required in case of hospital projects.
- (B) Pattern of financing is ignored while computing cost of capital
- (C) CPM is superior to PERT in some situations
- (D) Infrastructure projects are ideally financed through long term sources.
- (E) Cost of internally generated funds is zero.

Choose the correct answer from the options given below

- A. B, E only
- B. D & E only
- C. A & B only
- D. C & D only

5. 'Entrepreneur' Means

- A. to struggle
- B. to undertake
- C. to invent
- D. to motivate

6. Which of these theories involve taking a moderate amount of risk as a function of skill & not chance ?

- A. Need for achievement
- B. Need for affiliation
- C. Need for authority
- D. Need for independence

7. A person who improves an existing business is called

- A. A changeling
- B. A leader
- C. A professional
- D. An intrapreneur

8. What is the full form of EPCG ?

- A. Export promotion capital goods
- B. Export promotion council of goods
- C. Export potential of capital goods
- D. Export promotion council of government

9. Entrepreneurship can be best described as
- A. Process that requires setting up a business
  - B. Taking a significant risk in a business context
  - C. Having a strong vision
  - D. A process involving innovation & value creation
10. What are the BRIC countries ?
- A. Britain, Russia, India & Canada
  - B. Brazil, Russia, India & China
  - C. Bangladesh, Rwanda, India & China
  - D. Bhutan, Rwanda, India & Cuba
11. The legal term for brand is
- A. Patent
  - B. Licence
  - C. Trademark
  - D. TOM
12. An entrepreneur who is the owner of more than one business is called
- A. Portfolio entrepreneur
  - B. Intrapreneur
  - C. Corporate entrepreneur
  - D. Owner entrepreneur
13. As business grows, time management continues to be an issue, but the entrepreneur's major concern usually becomes
- A. setting goals
  - B. Measuring performance
  - C. Finding, retaining & motivating qualified employees
  - D. All of these
14. What type of innovation seeks to make Q better product to target the high-end of the market?
- A. sustaining innovation
  - B. Low-end disruption innovation
  - C. New market disruptive innovation
  - D. Quantity based innovation

15. Which of the following is not a legitimate way of bringing a new business idea to market?

- A. A start up
- B. Business plan
- C. A buy-out
- D. Franchise

16. The primary focus of SMILE loan of SIDBI is to

- A. upgrade their machinery with state of the art equipment
- B. To meet the debt-equity ratio of a unit or to help in its growth & expansion
- C. for technology upgradation & expansion
- D. One time non-recurring loan for start ups

17. Entrepreneurs have to deal with

- A. internal uncertainties only
- B. external uncertainties only
- C. Both external & internal uncertainties
- D. Both external nor internal uncertainties

18. For a project to be viable, the first necessary condition is:-

- A. That it should have a market
- B. That it should have government
- C. That it expected return should be greater than bank rate
- D. That is should be based on tried and tested technology

19. \_\_\_\_\_ entrepreneurs suffer losses as they refuse to any modifications in the existing production methods

- A. Frone
- B. Passionate
- C. Imitative
- D. Possessive

20. According to Gary Hamel, which one of the following propositions is one of the four pillars to create value for the company & the customer ?

- A. The well-being innovation
- B. The management
- C. The digital
- D. The financial

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