

CMAT MOCK TEST QUESTION

Quantitative Techniques and Data Interpretation

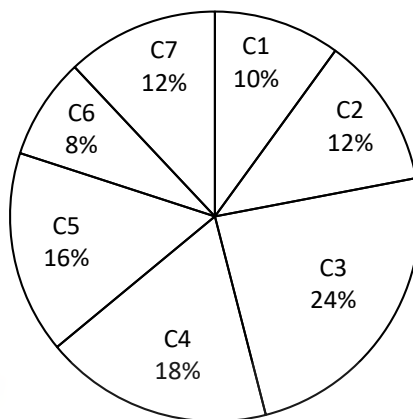
1. The cost price of a cycle is Rs. 225. The marked price is twice of the cost price. What will be the discount offered to get the profit of 56%?
(a) 22%
(b) 13%
(c) 33%
(d) 28%
2. A person is standing on the top of the building. The height of the building is 20 m. The person spots a café on the ground. The shortest distance from where the person standing to the café is 40 m. What is the distance between the building and the cafe?
(a) 34.6 m
(b) 44.2 m
(c) 56.3 m
(d) 28.8 m
3. Anil and Suman decided to start a business with a capital of Rs. 12000 and Rs. 10000 respectively. After three months, Gopal joins them with a capital of Rs. 20000. After another 3 months, Arjun joins them with a capital of Rs. 50000. If they made profit of Rs. 124000, at the end of the year, what is the profit share of Gopal?
(a) Rs. 35000
(b) Rs. 24000
(c) Rs. 22000
(d) Rs. 30000
4. On a field trip of a school 35 students are going. If the number increases by 7, the expenses increase by Rs. 4200. If the expenditure per head decreases by Rs. 20, find the original expenditure of the trip.
(a) 25500
(b) 25200
(c) 21681
(d) 28800
5. The distance between two stations P and Q is 1000 km. A train starts from P and moves towards Q with an average speed of 40 km/hr. Another train starts from Q, 40 minutes earlier than the train at P, and moves towards P at an average speed of 30 km/hr. How far from P will the two trains meet?
(a) 440
(b) 500
(c) 560
(d) 640
6. The average age of 12 persons in a committee is increased by 3 years when two women aged 40 years and 32 years are substituted by two men. Find the average age of these two men?

- (a) 48
(b) 50
(c) 54
(d) 64
7. In a sack, there are 25 blue balls, 15 black balls and 10 white balls. Two balls are picked at random. The probability of selecting 1 blue ball and 1 black ball is:
(a) $16/53$
(b) $12/53$
(c) $15/49$
(d) $23/49$
8. A metallic sphere of diameter 21 mm was melted to form a cylinder of length 21 mm. Find the diameter of the cylinder.
(a) 16 mm
(b) 17.15 mm
(c) 18.66 mm
(d) 14.16 mm
9. The simple interest on a certain sum for 2 years is 3000 and compound interest is 3225. What is the rate of interest?
(a) 21
(b) 5
(c) 13
(d) 15
10. The population of a town is 4000. If the population of males increases by 2% and females increases by 20%, total population becomes 4350. What is the new population of females in the town?
(a) 1450
(b) 1150
(c) 1650
(d) 1800
11. If $\sqrt{x}$ is a positive value and $1/y$ is a negative fraction, then which of the following is correct.
- I. $\sqrt{x} + \frac{1}{y}$ is positive.
- II. $\sqrt{x} - \frac{1}{y}$ is negative.
- III. $\left(\frac{\sqrt{x}}{y}\right)^2$ is positive.
- IV. $x + \frac{1}{y^2}$ is negative.

V. $\frac{y^5(\sqrt{x})^2 + y^3}{y^2}$ is a negative value.

- (a) Only I and III
- (b) Only II and IV
- (c) Only III and V
- (d) Only I, IV and V

12. The pie chart given below shows annual car production in a country in percentage. There are seven brands of car manufactured. Total number of cars manufactured is 160000.



- I. Companies C4 and C5 produced 54400 cars.
- II. The average of cars produced by company C6 and C7 is 24000.
- III. The difference of number of cars produced by C1 and C2 is 4800.
- IV. Companies C2 and C7 are producing more than 35000 cars.

Choose the correct answer from the option given below.

- (a) Only I and II
- (b) Only II and III
- (c) Only I and IV
- (d) Only I and IV

13. Match the List I and List II.

The following table gives the details about the enrollment of students in four different clubs in a college. Every student have to participate in a club and is allowed to join only one club. The total number of students are 5000 including 2500 males. Based on the data given below, match the following.

Clubs	Percentage of students in different clubs	Percentage of boys
Singing	18%	22%
Dancing	27%	24%
Martial arts	19%	10%
Sports	36%	44%

	List I		List II
I	Boys enrolled in singing and dancing	1	550
II	Girls taking part in martial arts and sports	2	1150
III	Difference of number of girls participating in dancing and the number of boys participating in martial art	3	1400
IV	Number of boys participating in tracking	4	500

- (a) I-2, II-3, III-1, IV-4
(b) I-3, II-2, III-1, IV-4
(c) I-3, II-2, III-4, IV-1
(d) I-2, II-3, III-4, IV-1

Directions for questions 14 to 16: Consider the following table that shows the percentage of number of students who gave a competitive exam in seven different states and the ratio of male to female students. Total number of students who attended the exams 1.5 lakhs.

State	Percentage of students	Male to female ratio
S1	17%	9 : 8
S2	10%	2 : 3
S3	16%	3 : 5
S4	20%	3 : 2
S5	18%	11 : 7
S6	11%	6 : 5
S7	8%	5 : 3

14. The number of females in S4 is what percent more/less than the number of males in S7 and S2 put together?
(a) 15.67%
(b) 11.11%
(c) 9.61%
(d) 8.8%
15. What is the ratio of sum of number of female students in state S6 and S1 put together to the sum of number of male students in S2 and S3 put together?
(a) 23 : 15
(b) 73 : 16
(c) 13 : 10

(d) 42 : 35

16. The number of students from state S5 increases by 20% in next year and students from state S3 decreases by 10%. If the male to female ratio remains the same, what is the sum of male students in state S5 and S3 who have given the exam next year?

(a) 41000
(b) 25900
(c) 32700
(d) 27900

17. There are three pipes connected to a tank P, Q and R. P and Q together can fill the tank in 6 hours. Q and R together can fill the tank in 8 hours. P and R together fill the pipe in 10 hours. How much time P, Q and R will take to fill the tank?

(a) $5\frac{5}{47}$
(b) $6\frac{3}{47}$
(c) $12\frac{2}{23}$
(d) $11\frac{14}{23}$

18. If $x + \frac{1}{x} - 3 = 0$, then what is the value of $x^3 + \frac{1}{x^3}$?

(a) 27
(b) 81
(c) 18
(d) 9

19. A box contains 5 mangoes, 12 oranges and 3 strawberries. If two fruits are drawn, what is the probability of having at least one strawberry?

(a) 13/19
(b) 15/190
(c) 17/76
(d) 21/76

20. Given below are two statements.

I. The set of numbers 4, 6, a, 12, 3 and 5 have HCF 660, the value of a is 22.

II. The $a^2 + b^2 = c^2$, if $a + b = 17$, the value of c is 13.

In the light of the above statements, choose the most appropriate answer from the options given below.

(a) Statement I is correct but statement II is incorrect
(b) Statement I is incorrect but statement II is correct
(c) Both statement I and statement II are correct
(d) Both statement I and statement II are incorrect

Logical Reasoning

1. A, B, C, D, E, F, G, and H are sitting in a row, not necessarily in the same order. E is immediate neighbor of C. Two persons sit between A and E. C is sitting fourth from one end. There is only one person sitting between H and C. D is sitting second of the left end. Five people are sitting between D and B. G and F are immediate neighbor of each other. Which of the following is a correct arrangement?
 - (a) G, D, A, F, C, E, H, B
 - (b) A, D, C, E, H, F, G, B
 - (c) A, D, H, E, C, G, F, B
 - (d) A, D, G, H, F, C, E, B
2. Mohan, Ram, Joy, Vijay, Rohit, and Deepak are six boys who were weighed and their weight is recorded. If it is known that:
 - I. Mohan is heavier than Rohit and Deepak.
 - II. Ram is heavier than Vijay.
 - III. Vijay is heavier than Mohan.
 - IV. Joy is heavier than Deepak but not heavier than Vijay.Who has the lowest weight?
 - (a) Deepak
 - (b) Joy
 - (c) Rohit
 - (d) Rohit or Deepak
3. A boy standing facing towards East. The boy starts walking in the left direction of his original position. He walked 10m then turn left and walk 5m. Then person turn right and walk 2m.
What is the shortest distance between the starting point and the point boy is standing. In which direction boy is facing?
 - (a) 13m, West
 - (b) 12m, North
 - (c) 12m, West
 - (d) 13m, North
4. 272 is related to 16 in the same way as 132 is related to _____.
 - (a) 9
 - (b) 11
 - (c) 13
 - (d) 7
5. Complete the following series.
12, 6, 6, 9, ?, 45, 135
 - (a) 27
 - (b) 18
 - (c) 9
 - (d) 36

6. P is husband of only sister of R. R has two children. Q is married to J. S is brother in law of J. S is brother in law of J. T is aunt of Q. How is the wife of R is related to son of S?
- (a) Spouse
 - (b) Grandmother
 - (c) Grandfather
 - (d) Nephew
7. Select the pair which has following type of relationship.
Cycle : Two wheels
- (a) Crane : One wheel
 - (b) Bulldozer : Two wheel
 - (c) Moped : Two wheels
 - (d) Sedan : Six wheels
8. In certain code language, '>' means '+', '<' means '÷', '^' means '-' and ':' means 'x', then what is the value of $56 < 14 \wedge 1 : 144 > 231$
- (a) 91
 - (b) 663
 - (c) 371
 - (d) 112
9. Find the odd one out.
- (a) Solar energy
 - (b) Wind energy
 - (c) Natural gas energy
 - (d) Nuclear energy
10. Complete the series
BDC, CHE, FKH, IOL, ?
- (a) OYB
 - (b) LTC
 - (c) LUZ
 - (d) RWH
11. In a school there are total 500 students. 160 students take swimming classes, while 280 students take martial arts classes as their extra curricular activity. If there are 50 students who takes both swimming and martial arts classes. How many students take neither swimming nor martial art classes?
- (a) 90
 - (b) 70
 - (c) 110
 - (d) 150
12. I, J, K, L, Q, M, N, O and P are 9 members of a family. J is son of K, who is mother of L. L is mother in law of N, who is brother of P. J is maternal uncle of O. I is son of daughter - in - law of K. M is paternal grandfather of I. How is I related to O?
- (a) Nephew
 - (b) Brother

- (c) Cousin
- (d) Uncle

13. Six student A, B, C, D, E and F are sitting around a circular table facing towards the centre. A is sitting third to the left of F. B is sitting immediate right of E, who is sitting second to the left of F. C and D are immediate neighbors. Who is sitting fourth right of the C?
- (a) A
 - (b) F
 - (c) D
 - (d) E
14. Sumit is travelling towards the market. After travelling 10 m he took left turn and walk 12 m, after that he turns 45 degree clockwise and walk 2 m and then turn 90 degree clockwise and walk 4 m, then the turns 45 degree clockwise and walk 20 m, and reach the market. From the point of the start, the market is located in north east direction. In which direction Sumit was facing when he start his journey?
- (a) North
 - (b) West
 - (c) East
 - (d) South
15. Complete the following series.
D E A N, F F B P, H H D R, ?
- (a) J J F O
 - (b) J I B R
 - (c) J H C O
 - (d) J I B O
16. At 4 o'clock hour hand points towards north direction. In which direction will the clock minute hand points at 8 : 50?
- (a) North
 - (b) East
 - (c) South
 - (d) North east
17. A statement is followed by assumption I and II. An assumption is supposed to be taken granted. Consider the statement and assumption and decide which of the following assumption is implicit in the statement.
- Statement: The product is not usable.
- Assumption I: The manufacturing method of product is incorrect.
- Assumption II: The product dimensions are accurate.
- (a) Only assumption I is implicit
 - (b) Only assumption II is implicit
 - (c) Both assumption I and II are implicit
 - (d) Neither assumption I nor II are implicit

18. A statement is followed by assumption I and II. An assumption is supposed to be taken granted. Consider the statement and assumption and decide which of the following assumption is implicit in the statement.

Statement: The parent teacher meeting to discuss the performance of the student in mid tem exam will be in next month.

Assumption I: The school will remain in function after one month

Assumption II: The teacher will be removed after one month.

- (a) Only Assumption I is implicit
 - (b) Only Assumption II is implicit
 - (c) Both Assumption I and II are implicit
 - (d) Neither Assumption I nor II are implicit
19. A device classifies alphabets according to their position numerical value such that A is 1, B is 2, C is 3 and so on. A word is classified by the device. The word must have alphabets and numeric value of position of alphabets that has:
- (a) First and last digits are square.
 - (b) The number of letters are six.
 - (c) The third number from the right is even.
 - (d) Difference between second and third number from the left is 9.
 - (e) The sum of last three alphabets are 41.
 - (f) The difference between second letter from the left and third letter from the right is same as 1st letter from the left.
 - (g) The sum of third letter from the left and fourth letter from the right is 28
- Which of the following word could be correct according to the condition given above?
- (a) M O N K E Y
 - (b) D O N K E Y
 - (c) A B C K E Y
 - (d) A B N J F Z

20. Given below are two statements: One is labeled as Assertion (A) and the other is labeled as Reason (R).

Assertion (A): Gold is bad conductor of electricity.

Reason (R): Gold is not used of making wires for household

Which of the following is correct?

- (a) Both (A) and (R) are correct and R is the correct explanation of (A)
- (b) Both A and (R) are incorrect and R is not the correct explanation of (A)
- (c) (A) is incorrect but (R) is incorrect
- (d) (A) is correct but (R) is incorrect

General Awareness

- Which of the following is a dance of the Sangtam Naga tribe of Nagaland?
 - Tapu
 - Sangphao
 - Rangma
 - Chhaw
- The term 'upper cut' is associated with:
 - Badminton
 - Basketball
 - Boxing
 - High jump
- Who among the following rulers belong to Sunga dynasty?
 - Pushyamitra
 - Chandra Gupta II
 - Agatashatru
 - Vasudeva kanva
- Which of the following country is NOT a signatory of the International Criminal court?
 - Jordan
 - Turkey
 - Egypt
 - Hungary
- The article of the Indian constitution which specify qualifications for membership of parliament is:
 - Article 88
 - Article 103
 - Article 92
 - Article 84
- The noble prize for literature in year 2022 was given to:
 - Selma Lagerlof
 - Elias Canetti
 - Annie Ernause
 - Louise Gluck
- Who is the first woman Director General of CSIR?
 - Nallathamby Kalaiselvi
 - Muthauyya Vanitha
 - Tanusri Saha - Dasgupta
 - Priyadarshini Karve
- Match the following

	Glands		Hormones
I	Hypothalamus	1	Melatonin

II	Pineal	2	Thyroxin
III	Thyroid	3	Cortisol
IV	Adrenal	4	Growth Hormone

- (a) I – 4, II – 1, III – 2, IV – 3
(b) I – 2, II – 3, III – 1, IV – 4
(c) I – 4, II – 3, III – 2, IV – 1
(d) I – 2, II – 1, III – 4, IV – 3

9. Given below are the two statements

Statement I: Out eyeball contains a transparent crystalline lens held in place by ligament.

Statement II: There are two types of photoreceptor cells rod cells and goblet cells.

In the light of above two, which of the following is correct?

- (a) Only I
(b) Only II
(c) Both I and II
(d) Neither I nor II

10. Given below are two statements.

Statement I: Tulu is one of the scheduled languages of India.

Statement II: The list of scheduled languages of India is given in the 8th schedule of the constitution.

In light of above statement which of the following is correct?

- (a) Both Statement I and II are correct.
(b) Both statement I and II are incorrect
(c) Only I
(d) Only II

11. Match the following player with the sports.

	Player		Sports
I	Harmanpreet Singh	1	Boxing
II	Bhaichung Bhutia	2	Weightlifting
III	Lovlina Borgohain	3	Football
IV	Saikhom Mirabai Chanu	4	Hockey

- (a) I – 1, II – 3, III – 4, IV – 2
(b) I – 2, II – 4, III – 1, IV – 3
(c) I – 3, II – 2, III – 1, IV – 4
(d) I – 4, II – 3, III – 1, IV – 2

12. Choose the correct order (First to last) of the following.

I. Alluri Sitaram Raju arrested ending a two year armed tribal struggle

II. Congress demands Purna Swaraj

III. Creation of Muslim League

IV. Civil Disobedience re – launch

- (a) I, III, II, IV
(b) IV, II, I, III

- (c) III, I, II, IV
(d) IV, III, II, I

13. Given below are three statements.

- I. Arctic desert is the biggest desert on the earth.
II. Taklamakan desert is located in china.
III. Great basin is cold desert.

In light of above statements, which of the following is correct?

- (a) Only I and II
(b) Only II and III
(c) Only III and I
(d) I, II and III

14. Match the following rivers and their tributaries.

	River		Tributries
I	Jhelum	1	Manjra
II	Yamuna	2	Kishanganga
III	Godavari	3	Amravati
IV	Dakshin Ganga	4	Betwa

- (a) I – 4, II – 2, III – 1, IV – 3
(b) I – 2, II – 4, III – 1, IV – 3
(c) I – 2, II – 4, III – 3, IV – 1
(d) I – 4, II – 2, III – 3, IV – 1

15. Match the following schedules to its content.

	Schedule		Content
I	Twelfth	1	The Union list, State list and Concurrent list
II	Tenth	2	The Formes of Oaths or Affirmations
III	Seventh	3	The powers, authority and responsibilities of Municipalities
IV	Third	4	Provision as to disqualification on ground of defection

- (a) I – 3, II – 2, III – 4, IV – 1
(b) I – 2, II – 1, III – 4, IV – 3
(c) I – 3, II – 4, III – 1, IV – 2
(d) I – 4, II – 1, III – 2, IV – 3

16. Given below are two statements.

- I. Displacement is total distance covered by a person to reach the final position from the initial position.
II. Displacement is a vector quantity.

In light of given statements, which of the following is correct?

- (a) Only I
- (b) Only II
- (c) Both I and II
- (d) Neither I nor II

17. Which of the following is true regarding promotion Of Tribal Products from North-Eastern Region (PTP – NER) Scheme launched on 18 April 2023?

- (a) Rajnath Singh launched the Marketing and logistic Development for promotion of Tribal Product from North – Eastern Region scheme.
- (b) This scheme comes under Ministry of Minority Affairs.
- (c) This scheme will be implemented in 6 states i.e. Arunachal Pradesh, Manipur, Meghalaya, Mizoram, Nagaland and Sikkim
- (d) This scheme will strengthen the job opportunities of tribal artisans form North – Eastern states.

18. The capital depreciation is _____.

- (a) Sum of Gross National Product and Net National Product
- (b) Difference between Gross National Product and Net National Product
- (c) Sum of Gross Domestic Product and Net National Product
- (d) Difference of Gross Domestic Product and Net National Product

19. Geetanjali Shree won The International Booker prize in 2022 for _____.

- (a) Midnight children
- (b) Shuggie Bain
- (c) Tomb of sand
- (d) The Inheritance of loss

20. Given below are two statements.

- I. Mandamus writ is used to enforce the fundamental right of individual liberty against unlawful detention.
- II. Certiorari writ is issued to prevent illegal usurpation of a public office by a person.

In light of the given statements, which of the following is correct?

- (a) Only I
- (b) Only II
- (c) Both I and II
- (d) Neither I nor II

Language Comprehension

1. Choose the option which is opposite in meaning to the following word.

Gregarious

- (a) Amiable
- (b) Upbeat
- (c) Tranquil
- (d) Reclusive

2. Fill in the blanks with the correct word given below and complete the sentences.

I. I don't believe he _____ from his current job despite the raise.

II. The truth is usually more _____ than a lie.

III. We have finite amounts of willpower that become _____ as we use them.

- (a) (I) resigned; (II) shocking; (III) depleted
- (b) (I) depleted; (II) shocking; (III) resigned
- (c) (I) shocked; (II) depleted; (III) resigned
- (d) (I) depleted; (II) resigned; (III) shocked

3. Pick the appropriate meaning of the underlined idiom in the following sentence.

I think it's time to call it a day.

- (a) Restarting something
- (b) Stop doing something
- (c) Relocate somewhere
- (d) Celebrate something

4. Pick the appropriate meaning of the underlined phrase in the following sentence.

Don't beat around the bush and tell me honestly why you lost your job.

- (a) To talk around a subject without getting to the point
- (b) Asking for larger share in a property
- (c) To tell a lie in order to save someone
- (d) To make weird faces

5. The word 'stoic' means:

- (a) Suffering pain or difficulty without complaining
- (b) Moving forward without any guilt
- (c) Play with someone's emotions purposely
- (d) Calling and stalking someone weirdly

6. Choose the grammatically correct sentence.

- (a) We are trying your Uncles number.
- (b) They are dying to met you.
- (c) Does the expert have satisfied clients?
- (d) You need maintain a diary to remember everything.

7. Choose the correct option from the following.

I. His eyes glinted more **than** flashing.

II. His eyes glinted rather **than** flashed.

- (a) (I) is correct but (II) is incorrect
- (b) (I) is incorrect but (II) is correct
- (c) Both (I) & (II) are correct
- (d) Both (I) & (II) are incorrect

8. Choose the synonym of 'wicked'.

- (a) Sublime
- (b) Upright
- (c) Decorous
- (d) Vicious

9. Choose the correct alternative to replace the UNDERLINED phrase in the following sentence.

In case no improvement is needed, option 'D' is the answer.

She have no idea such a beautiful home existed in these rugged mountains.

- (a) have no idea such
- (b) had no idea such a
- (c) has none idea such a
- (d) No improvement

10. Choose the correct preposition to complete the sentence.

The nurse knocked _____ the door and entered with a crying Natalie.

- (a) to
- (b) in
- (c) on
- (d) over

11. Choose the correct verb form to complete the sentence.

Salem was _____ in 1766 by Friedrich Wilhelm von Marschall (1721-1802), a friend of Zinzendorf.

- (a) founding
- (b) finding
- (c) found
- (d) founded

12. Find the correctly spelt word.

- (a) Baniesh
- (b) Truncated
- (c) Accompany
- (d) Magnificent

13. Identify the correct indirect speech form of the following sentence.

Ramesh said, "My life has never been so good".

- (a) Ramesh said that my life had never been so good.
- (b) Ramesh said that his life had never been so good.
- (c) Ramesh said that his life was never been so good.
- (d) Ramesh said that his life would never been so good.

14. Choose the correct order of the given parts to create a meaningful sentence.

The life of a

- P. goldfish isn't always filled with joys that are worth
- Q. remembering; countless numbers of these small fish have
- R. bag before being flushed down a toilet
- S. little to look back on other than a short trip in a tiny

- (a) SQRP
- (b) QPRS
- (c) SRQP
- (d) PQSR

15. Choose the correct order of the given parts to create a meaningful paragraph.

- P. While the spiritual awakening process can feel painful and disturbing at first, it ultimately helps you to live a more meaningful life.
- Q. The sensation that your life doesn't make sense anymore is the product of having all of your former beliefs, desires, and paradigms challenged and often disproven.
- R. This is traumatic, but a necessary part of your expansion.
- S. Spiritual awakenings happen as a natural product of your soul evolving, expanding, and maturing.

- (a) SRPQ
- (b) PRSQ
- (c) SPQR
- (d) PQSR

Direction for questions 16 to 20: Read the given passage and answer the questions that follow.

Today, 55% of the world's population lives in urban areas, a proportion that is expected to increase to 68% by 2050. Projections show that urbanization, the gradual shift in residence of the human population from rural to urban areas, combined with the overall growth of the world's population could add another 2.5 billion people to urban areas by 2050, with close to 90% of this increase taking place in Asia and Africa, according to a new United Nations data set launched today.

The 2018 Revision of World Urbanization Prospects produced by the Population Division of the UN Department of Economic and Social Affairs (UN DESA) notes that future increases in the size of the world's urban population are expected to be **highly concentrated** in just a few countries. Together, India, China and Nigeria will account for 35% of the projected growth of the world's urban population between 2018 and 2050. By 2050, it is projected that India will have added 416 million urban dwellers, China 255 million and Nigeria 189 million.

The urban population of the world has grown rapidly from 751 million in 1950 to 4.2 billion in 2018. Asia, despite its relatively lower level of urbanization, is home to 54% of the world's urban population, followed by Europe and Africa with 13% each.

Today, the most urbanized regions include Northern America (with 82% of its population living in urban areas in 2018), Latin America and the Caribbean (81%), Europe (74%) and Oceania (68%). The level of urbanization in Asia is now approximating 50%. In contrast, Africa remains mostly rural, with 43% of its population living in urban areas.

Some cities have experienced population decline in recent years. Most of these are located in the low-fertility countries of Asia and Europe where overall population sizes are stagnant or declining. Economic contraction and natural disasters have also contributed to population losses in some cities.

16. Arrange the following in the ascending order of their urban population.

- I. Europe
- II. Latin America and Caribbean
- III. Oceania
- IV. Africa

- (a) IV, III, I, II
- (b) III, IV, I, II
- (c) IV, II, I, III
- (d) II, III, I, IV

17. Which of the following factors have contributed to population losses in some cities?

- (a) Irregular physical geography
- (b) Less rainfall and technological advancement
- (c) Economic contraction and natural disasters
- (d) Heavy industrialisation and hazards

18. Which of the following statements is NOT correct according to the given passage?

- (a) The urban population was 751 million in 1950.
- (b) Some European cities have experienced population decline in recent years.
- (c) China will add 189 urban dwellers by 2050.
- (d) More than 50% area in Africa is rural.

19. Indicate which of the two statements in the following pairs contains a main idea (M) and which contains a supporting details (SD)?

- I. Urban population in the world is expected to increase to 68% by 2050.
- II. India will have added 416 million urban dwellers by 2050.

- (a) I - M & II - SD
- (b) I - SD & II - M
- (c) I & II both M
- (d) I & II both SD

20. Which of the following words/phrases can replace the highlighted word/phrase in the passage meaningfully?

- (a) Marginally exposed
- (b) Very focussed
- (c) Variably engrossed
- (d) Densely accumulated

Innovation & Entrepreneurship

1. Match List I with List II.

	List 1		List 2
I	Flipkart	1	V.G. Siddhartha
II	India Bulls	2	Binny Bansal and Sachin Bansal
III	Café Coffee Day	3	Sameer Gehlaut

Choose the correct answer from the options given below:

- (a) I-1, II-3, III-2
- (b) I-2, II-1, III-3
- (c) I-3, II-2, III-1
- (d) I-2, II-3, III-1

2. Considering the difference between entrepreneur and intrapreneur, which of the following statements is correct?

- I. Entrepreneur bears full risk of business.
- II. Intrapreneur is partly independent and has ability to advance in corporate.

- (a) Only I
- (b) Only II
- (c) Neither I nor II
- (d) Both I and II

3. What is the full form of ECLGS, a scheme implemented for MSMEs?

- (a) Entrepreneurship Credit Line Guarantee Scheme
- (b) Emergency Credit Line Guarantee Scheme
- (c) Emergency Correspondence Line Guarantee Scheme
- (d) Emergency Cost Life Guarantee Scheme

4. Why are small businesses important to a country's economy?

- (a) They give an outlet for entrepreneurs.
- (b) They can provide specialist support to larger companies.
- (c) They can be innovators of new products.
- (d) All the above.

5. Innovation can be best defined as _____.

- (a) Evolution of new ideas
- (b) Production of new ideas
- (c) Implementation of new ideas
- (d) Generation of ideas

6. Which of the following is called as "Market Pull Innovation"?

- (a) Radical Innovation
- (b) Product Innovation
- (c) Incremental Innovation
- (d) Process Innovation

7. State Industrial Promotional Corporation of Tamil Nādu (SIPCOT) provides financial assistance to medium and major industries in the form of:

- I. Term loan for larger projects
- II. Equipment Lease financing
- III. Term loan under normal scheme

- (a) Only I
- (b) Only II and III
- (c) All I, II and III
- (d) Only I and II

8. The creation of new businesses, products, or services from inside an organization to generate new revenue growth through entrepreneurial action is termed as:

- (a) Exquisite Entrepreneurship
- (b) Social Entrepreneurship
- (c) Technological Entrepreneurship
- (d) Corporate Entrepreneurship

9. Which of the following is NOT correctly matched?

- (a) Utility Patent – Bicycle Helmet
- (b) Design Patent- Athletic shoes
- (c) Non-Patent – Horticulture method
- (d) Plant Layout – Hybrid Tea Roses

10. Which of the following are the main objectives of ASPIRE scheme?

- I. Create new jobs and reduce unemployment
- II. Promote intrapreneurship culture in India
- III. Facilitate innovative business solution for unmet social needs

- (a) Only I
- (b) Only II and III
- (c) All I, II and III
- (d) Only I and III

11. Which of the following is NOT one of the traits of an entrepreneur?

- (a) Desire for immediate feedback
- (b) Willingness to fail
- (c) Serial innovators
- (d) Competitive spirit

12. What is the annual turnover for small scale enterprise?

- (a) Not more than Rs. 250 crores
- (b) Not more than Rs. 50 crores
- (c) Not more than Rs. 5 crores
- (d) Not more than Rs. 150 crores

13. Profit is the secondary goal in which of the following types of entrepreneurships?

- (a) Private
- (b) Social

- (c) Joint
- (d) Corporate

14. Six Sigma practitioners use which of the following to achieve improved business functionality and better-quality control?

- (a) Only statistics
- (b) Only financial analysis and project management
- (c) Only customer retention and innovation
- (d) Statistics, financial analysis, and project management

15. Which of the following is NOT a component of business plan?

- (a) Revenue analysis
- (b) Service description
- (c) Industry analysis
- (d) Company description

16. Arrange the following stages of entrepreneurial process in correct order.

- I. Concept development
- II. Discovery
- III. Actualization
- IV. Resourcing
- V. Harvesting

Choose the correct option.

- (a) I, II, V, III, IV
- (b) II, I, IV, III, V
- (c) II, III, IV, I, V
- (d) III, I, IV, II, V

17. The difference in the entrepreneurial and managerial domains has contributed towards an increase interest in _____.

- (a) Forming new firms
- (b) Partnership
- (c) Intrapreneurship
- (d) Private firms

18. Capital rising entirely depends on the entrepreneur in which of the following entity?

- (a) Corporation
- (b) Sole Proprietorship
- (c) Partnership
- (d) All of the above

19. Which of the following is an example of process innovation?

- (a) Online banking
- (b) Amazon.com
- (c) Liquid and detergent
- (d) Microsoft- Windows 7

20. The following are the types of foreign direct investment EXCEPT

- (a) Partnerships in retails
- (b) Management contracts
- (c) Acquisitions
- (d) Merger

