

Previous Years' Paper
Common University Entrance Test

CUET-PG-MBA Entrance Exam, 2019

(Exam held on 25/05/2019)

Directions (Qs No. 1 – 3): Read each sentence to find out whether there is any error in it. The error, if any, will be in one part of the sentence. The alphabet number of that part is the answer.

1. Myself and Ganesh (A)/ will take care of (B)/ the function (C)/ on Sunday (D)
2. Before the alarm had stopped (A)/ringing (B)/ Nisha had telephoned (C)/ the police (D)
3. I visited (A)/ Ram's and Sita's house (B)/ and found (C)/ the couple missing (D)

Directions (Qs. No. 4 – 6): Look at the underlined part of each given sentence. Below each sentence are given three possible substitutions for the underlined part. If any of them (A), (B), (C) is better than the underlined part, indicate your response against the corresponding letter; (A), (B), (C). If none of the substitutions improves the sentence, indicate (D) as your response. Thus, a 'No improvement' response will be signified by the letter (D).

4. While walking on the road, a dog bit the man.
A. A dog had bitten the man
B. The man was dogged
C. The man was bitten by a dog
D. No improvement
5. Looked over from that point of view, his decision is easier to understand.
A. Looked with
B. Looked at

- C. Looked for
D. No improvement

6. He has been working off and on for several years to compile a dictionary.
A. On or off
B. On and off
C. Regularly
D. No Improvement

Directions (Qs. No. 7 – 9): For each underlined part, four words /phrases are listed below. Choose the word/phrase nearest in meaning to the underlined part.

7. We were taken aback at the fulsome praise heaped upon our former enemy.
A. Elaborated
B. Extravagant
C. Excessive
D. Exorbitant
8. The Government is under no obligation to offer contracts to companies which choose to flout guidelines.
A. Defy
B. Condemn
C. Narrow
D. Sturdy
9. The perspicuity of the lawyer's arguments was remarkable.
A. Logic
B. Lucidity
C. Precision
D. Profundity

Directions (Qs. No. 10 – 12): Select the pair of words identical to the pair given in question:

10. Pen : Write :: ?

- A. Book : Write
- B. Water : Eat
- C. Strata : Stratum
- D. Book : Read

11. Book : Literature :: ?

- A. Fleet : Ship
- B. Ship : Fleet
- C. Poem : Maths
- D. Prose : Story

12. Carpenter : Furniture :: ?

- A. Colours : Painting
- B. Food : Cooking
- C. Compose : Music
- D. Book : Read

Directions (Qs. No. 13 – 15): Choose the word which is most nearly opposite in meaning to the word given in capital letters:

13. DEFIANCE

- A. Anxiety
- B. Obedience
- C. Suspicion
- D. Dismay

14. VICE

- A. False
- B. Fool
- C. Wrong
- D. Virtue

15. DISTRAIT

- A. Attentive
- B. Absent minded
- C. Crooked
- D. Clever

Directions (Qs. No. 16 – 17): Make the correct meaning of the idioms from the alternatives given below:

16. Will-o-the-wisp

- A. To cut in a childish way
- B. Acting in a foolish way
- C. To have desires unbacked by effort
- D. Anything which eludes or deceives

17. To wrangle over an ass's shadow

- A. To quarrel over trifles
- B. To do something funny
- C. To quarrel over the possession of an ass
- D. To waste time on petty things

Directions (Qs. No. 18 – 19): Identify the underlined part of speech. Choose the correct answer:

18. The burglar disappeared with the cash.

- A. Transitive verb
- B. Intransitive verb
- C. Linking verb
- D. Auxiliary verb

19. Frustrated with the official's call, Ethan kicked the bench.

- A. Transitive verb
- B. Intransitive verb
- C. Linking verb
- D. Auxiliary verb

20. How many 7s are there in the following series that are not immediately followed by 3 but immediately preceded by 8?

898762263269732872778737794

- A. 2
- B. 3
- C. 4
- D. 6

21. The least number by which 825 must be multiplied in order to produce a multiple of 715 is,

- A. 11
- B. 5
- C. 13
- D. 17

22. One quarter of one-seventh of a land is sold for ₹ 30000. What is the value of eight-thirty fifth of the land?

- A. ₹ 192000
- B. ₹ 212000
- C. ₹ 27428
- D. ₹ 36540

23. The average of 5 consecutive even numbers A, B, C, D and E is 66. What is the product of B and E?

- A. 4352
- B. 4340
- C. 4480
- D. 4224

24. In a simultaneous throw of two coins, the probability of getting at least one head is

- A. $\frac{1}{2}$
- B. $\frac{3}{4}$
- C. $\frac{1}{3}$
- D. $\frac{2}{3}$

25. ₹ 750 is distributed among A, B and C such that A's share : B's share = 2:3 and B's share : C's share = 6:5. The share of A is

- A. ₹ 150 B. ₹ 175
C. ₹ 200 D. ₹ 250
26. Which of the following fractions is less than $\frac{1}{3}$.
A. $\frac{22}{62}$ B. $\frac{15}{46}$
C. $\frac{2}{3}$ D. 1
27. The length of a minute hand of a wall clock is 10.5 cm. The area swept by it in 10 minutes would be
A. 5.77 cm^2 B. 59.25 cm^2
C. 57.75 cm^2 D. 51.75 cm^2
28. P & Q started a business investing ₹ 85000 and ₹ 15000 respectively. In what ratio the profit earned after two years be divided between P & Q respectively:
A. 17 : 23 B. 17 : 3
C. 3 : 4 D. 15 : 23
29. Which term of the Arithmetic Progression 4, 9, 14, ... is 249?
A. 51 B. 50
C. 52 D. 49
30. A man walks 2 km on the first day morning and subsequently every day he walks half of the distance walked on the previous morning. What can be maximum total distance walked by him in his life time?
A. 4 km B. 128 km
C. 8 km D. 64 km
31. Anand and Deepak started a business investing ₹ 22,500 and ₹ 35,000 respectively. Out of a total profit of ₹ 13,800, Deepak's share is:
A. ₹ 5400 B. ₹ 7200
C. ₹ 8400 D. ₹ 9600
32. In a bag, there are 4 red balls, 5 green balls and 7 blue balls. One ball is picked up randomly. What is the probability that it is neither red nor blue?
A. $\frac{11}{16}$ B. $\frac{5}{16}$
C. $\frac{11}{5}$ D. None of these
33. How many shares of market value ₹ 25 each can be purchased for ₹ 12,750 brokerage being 2% ?
A. 450 B. 500
C. 550 D. 600
34. ₹ 180 is to be divided among 66 men and women. The sums of men's share and women's share are in the ratio 5 : 4, but their individual shares are 3 : 2 respectively. The number of men are
A. 30 B. 26
C. 40 D. 5
35. The ratio of milk and water in 55 litres of adulterated milk is 7 : 4. How much water must be added to make the mixture's ratio 7 : 6?
A. 5 kg B. 10 kg
C. 15 kg D. 25 kg
36. HCF of $\frac{3}{7}$, $\frac{5}{14}$, and $\frac{17}{28}$ is
A. $\frac{1}{14}$ B. $\frac{1}{7}$
C. $\frac{3}{14}$ D. $\frac{1}{28}$
37. The cost price of 20 articles is the same as the selling price of 'x' articles. If the profit is 25%, then the value of 'x' is:
A. 25 B. 18
C. 16 D. 15
38. A man and a boy together can do a certain amount of digging in 40 days. Their skills in digging are in the ratio of 8 : 5. How many days will the boy take, if engaged alone?
A. 52 B. 104
C. 68 D. 80
39. In a cricket team, the average age of eleven players is 23 years. Out of these, the average ages of three groups of three players each are 21 years, 24 years, and 26 years respectively. If in these groups, the captain and the youngest players are not included, and the captain is 8 years older than the youngest players, what is the age of the captain?
A. 22 yrs B. 23 yrs
C. 25 yrs D. 24 yrs
40. If a boat is moving in upstream with velocity of 14 km/hr and goes downstream with a velocity of 40 km/hr, then what is the speed of the stream?

- A. 13 km/hr
B. 26 km/hr
C. 34 km/hr
D. None of these

41. A can have a piece of work done in 8 days, B can work three times faster than the A, C can work five times faster than A. How many days will they take to do the work together?
A. 3 days B. 8/9 days
C. 4 days D. can't say
42. A car travels a certain distance taking 7 hrs in forward journey, during the return journey increased speed 12 km/hr takes the times 5 hrs. What is the distance travelled?
A. 210 kms B. 30 kms
C. 20 kms D. None of these

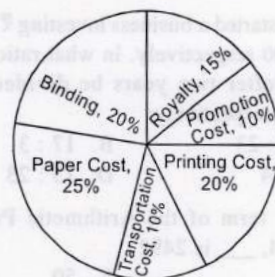
Directions (Qs. No. 43 – 45): Study the following table carefully and answer the questions. Expenditures of a Company (in Lakh Rupees) per Annum over the given years.

Item of Expenditure/year	Salary	Fuel and Transport	Bonus	Interest on Loans	Taxes
1998	288	98	3.00	23.4	83
1999	342	112	2.52	32.5	108
2000	324	101	3.84	41.6	74
2001	336	133	3.38	36.4	88
2002	420	142	3.96	49.4	98

43. The ratio between the total expenditure on taxes for all the years and the total expenditure on fuel and transport for all the years respectively is approximately:
A. 4 : 7 B. 10 : 13
C. 15 : 18 D. 5 : 8
44. What is the average amount of interest per year which the company had to pay during this period
A. ₹ 32.43 lakhs
B. ₹ 33.72 lakhs
C. ₹ 34.18 lakhs
D. ₹ 36.66 lakhs

45. Total expenditure on all these items in 1998 was approximately what percent of the total expenditure in 2002
A. 62% B. 66%
C. 69% D. 71%

Directions (Qs. No. 46 – 50): The following pie-chart shows the percentage distribution of the expenditure incurred in publishing a book. Study the pie-chart and the answer the questions based on it. Various Expenditures (in percentage) Incurred in Publishing a Book



46. If for a certain quantity of books, the publisher has to pay ₹ 30,600 as printing cost, then what will be amount of royalty to be paid for these books?
A. ₹ 19,450
B. ₹ 21,200
C. ₹ 22,950
D. ₹ 26,150
47. What is the central angle of the sector corresponding to the expenditure incurred on Royalty?
A. 15 B. 24
C. 54 D. 48
48. The price of the book is marked 20% above the C.P. If the marked price of the book is '180, then what is the cost of the paper used in a single copy of the book?
A. ₹ 36 B. ₹ 37.50
C. ₹ 42 D. ₹ 44.25
49. If 5500 copies are published and the transportation cost on them amounts to ₹ 82500, then what should be the selling price

of the book so that the publisher can earn a profit of 25%?

- A. ₹ 187.50 B. ₹ 191.50
C. ₹ 175 D. ₹ 180

50. Royalty on the book is less than the printing cost by
A. 5% B. 33.1%
C. 20% D. 25%

Directions (Qs. No. 51–55): Read the case and answer the questions given below:

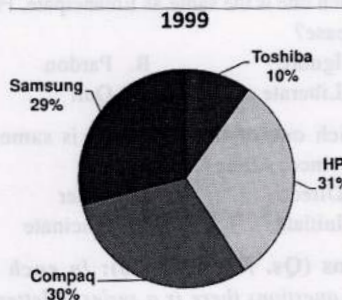
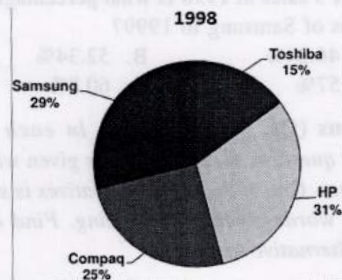
Not surprisingly the growth of the hotel industry is driven by the increase in the number of people using hotels and the increase in per person use of the hotel. In 2014 it is expected that there will be 200 million hotel users in India, or about 20% of the population will generate '50 billion in hotel revenues. Industry revenues should expand from '50 billion to '150 billion by 2018, while the number of users should grow to over 560 million or to about half the population of India in the same period

51. What is the estimated population of India in 2014?
A. 98 crore B. 100 crore
C. 110 crore D. 115 crore
52. What will be the simple average growth rate of population of India in the given period 2014–2018?
A. 2% B. 3%
C. 4% D. 4.5%
53. What will be the growth in percentage of users in India by 2018?
A. 100% B. 150%
C. 180% D. 200%
54. What will be percentage growth of the revenues of the hotel industry in the given period?
A. 200% B. 230%
C. 260% D. 300%
55. It is believed that if 50% of the population of any country can afford hotel use, it is economically developed. Can we say that India will be a developed country by 2017?

- A. Yes B. No
C. Cannot say D. Data inadequate

Directions (Qs. No. 56 – 60): Study the chart and solve the questions below that.

Percentage sales of different models of computers in Kolkata in two different years. Given total sales in 1998 is 7890 and increase 16.5% in 1999.



56. The percentage change in the sales of Toshiba in 1999 is approximately:
A. 16% B. 61%
C. 22% D. 68%
57. Which brand of computers among those shown, exhibited the second highest rate of growth in two years and had less sales in 1999 than 1998?
A. HP
B. Compaq
C. Samsung
D. All of these
58. What is the ratio between the Compaq sales in 1998 and those IBM in 1999?
A. 0.94 B. 1.06
C. 1.13 D. 0.89

59. For which brand of computers, did the sales increase the maximum in terms of absolute value between the two years?

A. IBM
B. Samsung
C. HP
D. Compaq

60. IBM's sales in 1998 is what percentage of the sales of Samsung in 1999?

A. 46.34% B. 52.34%
C. 57% D. 60.8%

Directions (Qs. No. 61 – 62): In each of the following question, three words are given with four alternatives. One of the four alternatives is same as the three words given in beginning. Find out the correct alternative answer.

61. Which one is the same as Emancipate, Free and Release?

A. Ignore B. Pardon
C. Liberate D. Quit

62. Which one of the following is same Lead, Convince, Allure?

A. Direct B. Order
C. Initiate D. Fascinate

Directions (Qs. No. 63 – 66): In each of the following questions there is a series of letters. One of the term is missing. Find out the missing term.

63. GTZ, FSU, ERX, DQW, ____

A. CVP B. CPV
C. VCP D. VPC

64. ak, eo, is, ____, qa, ue.

A. iv B. mw
C. nx D. iw

65. BMO, EOQ, HQS, ____

A. KSU B. LMN
C. SOV D. SOW

66. AC, FH, KM, PR, ____

A. UX B. UW
C. VW D. TV

Directions (Qs. No. 67 – 68): Read the following statements and answer the questions.

Six friends A, B, C, D, E, and F are sitting in a closed circle facing the centre. E is to the left of D. C is between A and B. F is between E and A.

67. Who is to the left of B?

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

68. Who is to the right of C?

A. E B. F
C. B D. A

Directions (Qs. No. 69 – 70): Which one of the four interchanges in signs and numbers would make the given equation correct.

69. $3 + 5 - 2 = 4$

A. + and -, 3 and 5
B. + and -, 2 and 3
C. + and -, 2 and 5
D. None of the above

70. If '-' stands for addition, '+' for multiplication, '÷' for subtraction and 'x' for division, which one of the following equations is correct?

A. $5 - 2 + 12 \times 6 \div 2 = 27$
B. $5 + 2 - 12 \div 6 \times 2 = 13$
C. $5 + 2 - 12 \times 6 \div 2 = 10$
D. $5 \div 2 + 12 \times 6 - 3 = 3$

Directions (Qs. No. 71 – 72): There are four alternative answers for each of the following questions. Find out the correct answer.

71. Vikas is taller than Shyam but shorter than Umesh. Umesh is taller than Rajat but shorter than Ganesh. If Shyam is taller than Rajat who is shortest among all?

A. Ganesh B. Umesh
C. Rajat D. Vikas

72. The accused is more powerful than the dead. The police is less powerful than the court but more powerful than the lawyer. The accused bows his head in presence of the police. Who is the most powerful?

A. Police
B. Lawyer
C. Court
D. Accused

Directions (Qs. No. 73 – 75): One statement is followed by two arguments I and II. If only argument I is strong then answer is (A) and if only II is strong then answer is (B). If both I and II are strong the answer is (C). If either I and II is strong then the answer is (D).

- 73. Statement:** In Indian system of Government, judiciary should be independent of the Executive.

Arguments: (I) Yes, because then the unlawful activities of the executive would be Curbed.
(II) No, because then the executive would not be able to take bold Measures.

- 74. Statement:** Should non-vegetarian food be totally banned in our country?

Arguments: (I) Yes, great men like Mahatma Gandhi and Bernard Shaw were vegetarians
(II) Yes, it is expensive and therefore it is beyond the means of most people in our country.

- 75. Statement:** Should jobs be delinked with academic degrees and diplomas

Arguments: (I) No, a very large number of persons with meagre academic qualifications will apply.
(II) No, importance of higher education will be diminished.

Directions (Qs. No. 76 – 80): On the shelf are placed six volumes side by side labelled A, B, C, D, E and F. Three volumes C, B and E have blue covers while the rest have red covers. D and F are new volumes while the rest are old volumes. A, C and D are law reports while the rest are gazetteers.

- 76. Which is the red covered new law report volume?**

A. B B. A
C. D D. C

- 77. Which two volumes are old Gazetteers and have blue covers?**

A. B and F B. B and E
C. B and C D. E and F

- 78. Which volume is new, red covered and a gazetteers?**

A. D B. F
C. B D. E

- 79. Which one of the following is the new volume of a gazetteer?**

A. D B. C
C. E D. F

- 80. Which is blue covered, old and a law report volume?**

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

Directions (Qs. No. 81 – 83): In each of the following questions two statements (I) and (II) are given. You have to take these two statements to be true even if they seem to be at variance from commonly known facts and then decide which one of the four conclusions (A), (B), (C), (D). Logically follow from the given statements disregarding commonly known facts.

- 81. Statements:** (I) Ajay is an artist
(II) Artists are beautiful

Conclusions:

A. All beautiful persons are artists
B. Ajay is beautiful
C. Ajay is not beautiful
D. Beautiful persons are not artists

- 82. Statements:** (I) All teachers are fathers
(II) All boys are teachers

Conclusions:

A. All boys are fathers
B. Some teachers are boys
C. No boy is a father
D. Some fathers are boys

- 83. Statements:** (I) All athletes in the Asian Athletics Teams are talented
(II) All Indian athletes are now in the Asian Athletics Team

Conclusions:

- A. Some Indian athletes are talented
- B. All Indian athletes are talented
- C. India does not have any athletics team
- D. India has more cricketers than athletes

Directions (Qs. No. 84 – 86): In each question below is given a statement followed by two courses of action numbered I and II. You have to assume everything in the statement to be true. Then decide which of the two suggested courses of action logically follows for pursuing.

- 84. Statement:** A sting operation conducted by a TV news channel proved to be a total failure as the reporter who carried out the sting was found to have created a fake sting in order to gain publicity and money.

Courses of Action:

- I. Disciplinary action must be initiated immediately against the reporter
- II. The TV channel should be penalised and taken off air for a short period of time.
- A. If only I follows
- B. If only II follows
- C. If both I and II follows
- D. If neither I nor II follows

- 85. Statement:** Across the globe there is an increasing tendency to use child soldiers for terrorist activities.

Courses of Action:

- I. The United Nations Security Council should try to address this problem by asking its memberstates to crack down heavily on terrorist groups.
- II. The U.S. led forces must attack such terrorist groups.
- A. If only I follows
- B. If only II follows
- C. If both I and II follows
- D. If neither I nor II follows

- 86. Statement:** A state-wide bandh called by opposition parties in Bihar led to a total shut down of normal activities of Bihar's people

Courses of Action:

- I. The government should call a meeting with opposition parties to workout an approach that doesnot affect the common man.
- II. Opposition parties must continue their agitation.
- A. If only I follows
- B. If only II follows
- C. If both I and II follows
- D. If neither I nor II follows

Directions (Qs. No. 87 – 90): Find the odd man out from following:

- 87.** 3, 5, 7, 12, 17, 19
 A. 19 B. 12
 C. 17 D. 3
- 88.** 10, 14, 16, 18, 21, 24, 26
 A. 21 B. 24
 C. 10 D. 26
- 89.** 1, 5, 14, 30, 50, 55, 91
 A. 5 B. 50
 C. 55 D. 91
- 90.** 2, 5, 10, 50, 500, 5000
 A. 2 B. 5
 C. 10 D. 5000

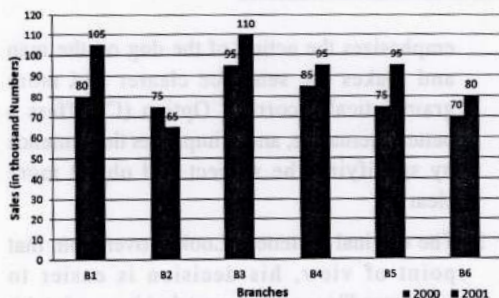
Directions (Qs. No. 91 – 95): Fill in the blanks with correct preposition:

- 91.** The poor have to work _____ morning to evening.
 A. in B. to
 C. from D. before
- 92.** He is not an honest man. You cannot rely _____ him.
 A. to B. for
 C. at D. on
- 93.** There are tall beautiful coconut trees _____ the river.
 A. along B. at
 C. into D. on
- 94.** Ramesh is the best _____ all the players.
 A. into B. among
 C. above D. between

95. This book is a collection ____ Shakespeare's poems.
 A. For B. of
 C. with D. by

Directions (Qs. No. 96 – 100): The bar graph given below shows the sales of books (in thousand number) from six branches of a publishing company during two consecutive years 2000 and 2001.

Sales of Books (in thousand numbers) from Six Branches – B1, B2, B3, B4, B5 and B6 of a publishing Company in 2000 and 2001.



96. What is the ratio of the total sales of branch B2 for both years to the total sales of branch B4 for both years?

- A. 2:3 B. 3:5
 C. 4:5 D. 7:9
97. Total sales of branch B6 for both the years is what percent of the total sales of branches B3 for both the years?
 A. 68.54%
 B. 71.11%
 C. 73.17%
 D. 75.55%
98. What percent of the average sales of branches B1, B2 and B3 in 2001 is the average sales of branches B1, B3 and B6 in 2000?
 A. 75%
 B. 77.5%
 C. 82.5%
 D. 87.5%
99. What is the average sale of all the branches (in thousand numbers) for the year 2000?
 A. 73 B. 80
 C. 83 D. 88
100. Total sales of branches B1, B3 and B5 together for both the years (in thousand numbers) is?
 A. 250 B. 310
 C. 435 D. 560

ANSWERS

- | | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| A | A | B | C | B | B | B | A | B | D |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| B | C | B | D | A | D | A | B | A | A |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| C | A | C | B | C | B | C | B | A | A |
| 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| C | B | B | A | B | D | C | B | D | A |
| 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 |
| B | A | B | D | C | C | C | B | A | D |
| 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 |
| B | B | C | A | D | C | D | B | D | D |

61	62	63	64	65	66	67	68	69	70
C	D	B	B	A	B	B	D	A	C
71	72	73	74	75	76	77	78	79	80
C	C	A	D	B	C	B	B	D	D
81	82	83	84	85	86	87	88	89	90
B	A	B	C	A	A	B	A	A	A
91	92	93	94	95	96	97	98	99	100
C	D	A	B	B	D	C	D	B	D

EXPLANATORY ANSWER

1. In English, the pronoun "myself" is typically used reflexively or emphatically, and it is not appropriate to use it as a subject pronoun. In the given sentence, "Myself and Ganesh will take care of the function on Sunday," the correct subject pronoun to use is "I." Therefore, the corrected sentence is "Ganesh and I will take care of the function on Sunday." This adheres to proper grammar rules where the subject pronoun "I" is used when the speaker is one of the individuals performing the action.
2. The phrase "had stopped" creates an unnecessary double past tense. It's more concise and grammatically correct to use the simple past tense "stopped" here. Therefore, the error lies in the redundant past perfect tense in part A.
3. The sentence has an error in part (B). The correct sentence is: "I visited Ram and Sita's house and found the couple missing." The possessive form for both "Ram" and "Sita" should be shown by using a single apostrophe after the last name, indicating joint possession.
4. The original sentence "While walking on the road, a dog bit the man" indicates that the dog bit the man while both were walking on the road. However, the suggested improvement in option (C) clarifies the sentence and provides a more passive construction: "While walking on the road, the man was bitten by a dog." This

emphasizes the action of the dog on the man and makes the sentence clearer and more grammatically correct. Option (C) offers a better alternative, and it improves the sentence by specifying the subject and object more clearly.

5. The original sentence "Looked over from that point of view, his decision is easier to understand" is not incorrect, but it sounds a bit less idiomatic. The suggested improvement in option (B) provides a more common and natural expression: "Looked at from that point of view, his decision is easier to understand."

The preposition "at" is commonly used in the context of examining or considering something from a specific point of view. Therefore, the substitution "Looked at" makes the sentence more clear and idiomatic. It's a matter of choosing the most appropriate preposition to convey the intended meaning.

6. The original sentence "He has been working off and on for several years to compile a dictionary" is not incorrect, but the more idiomatic and commonly used expression is "on and off."

The phrase "on and off" means intermittently or periodically, suggesting that the person has not been consistently working on compiling the dictionary but rather in sporadic or discontinuous intervals over the course of

several years. Therefore, option (B) provides a more natural and commonly used expression in this context, making the sentence clearer and more idiomatic.

7. The word "fulsome" in the context of the sentence implies extravagant praise. Therefore, the word/phrase nearest in meaning to "fulsome" is "Extravagant."

"Fulsome praise" refers to praise that is overly generous, effusive, or lavish. The term often carries a connotation of being excessive to the point of insincerity or being more than what is necessary or appropriate. "Extravagant" captures this sense of excessiveness and is the most fitting choice among the options provided.

8. The word "flout" means to openly disregard or defy rules, laws, or guidelines. In the given sentence, the context implies that companies are not obligated to receive contracts from the government if they choose to ignore or go against the provided guidelines.

The word "defy" is the most suitable synonym in this context. Therefore, the sentence would convey a similar meaning if written as, "The Government is under no obligation to offer contracts to companies which choose to defy guidelines." This emphasizes the companies' disobedience or disregard for the established guidelines.

9. The word "perspicuity" refers to clarity in expression, the quality of being clear and easy to understand. In the given sentence, the context suggests that the lawyer's arguments were remarkably clear and easily comprehensible.

The word "lucidity" is a suitable synonym for "perspicuity" in this context. Both words convey the idea of clarity and straightforwardness in communication. Therefore, the sentence can be rewritten as, "The lucidity of the lawyer's arguments was

remarkable," emphasizing the lawyer's ability to present arguments with clarity and precision.

10. The relationship between the words in the given pair "Pen : Write" is that a pen is a tool used for writing. Similarly, in the pair "Book : Read," a book is a medium or object used for reading. Both pairs involve a tool or medium associated with a specific action.

So, the correct choice is Book : Read. In this pair, a book is the item associated with the action of reading.

11. Book : Literature- represents the relationship between a specific instance (a book) and a larger category (literature). Similarly, Ship : Fleet- represents the relationship between a specific instance (a ship) and a larger category (a fleet).

12. The analogy "Carpenter : Furniture" indicates a relationship where the first term (Carpenter) is associated with the creation or production of the second term (Furniture). A carpenter is someone who makes or builds furniture.

Compose : Music - This is the correct analogy. A composer is associated with creating music, just as a carpenter is associated with making furniture.

13. The word "defiance" refers to the act of openly resisting or challenging authority, control, or tradition. It implies a refusal to obey or conform.

On the other hand, "obedience" is the quality of being willing to comply with orders or requests. It involves following rules or authority without resistance.

Therefore, "obedience" is the most nearly opposite in meaning to "defiance."

14. The term "vice" generally refers to immoral or wicked behavior, a bad habit, or a moral fault. It is often associated with wrongdoing or actions that are considered ethically or morally wrong.

The word "virtue," on the other hand, refers to moral excellence, goodness, or a commendable quality. It represents positive and admirable characteristics in a person's behavior.

In this context, "virtue" is the word that is most nearly opposite in meaning to "vice."

15. The word most nearly opposite in meaning to "DISTRAIT" is Attentive.

"Distract" typically means absent-minded or preoccupied, indicating a lack of focus or attention. Therefore, "attentive," meaning paying close attention, is the word that is most nearly opposite in meaning.

16. The idiom "Will-o-the-wisp" is derived from folklore, where it refers to a phosphorescent light that hovers or flits over marshy ground, resembling a flickering flame. In a figurative sense, it is often used to describe something that is elusive, misleading, or difficult to catch or achieve.

Option (D), "Anything which eludes or deceives," captures the essence of the idiom. It suggests that a will-o-the-wisp is something that seems attainable but is ultimately elusive or deceptive.

17. The idiom "To wrangle over an ass's shadow" essentially conveys the idea of quarreling or arguing over something trivial or inconsequential. The imagery of wrangling over the shadow of an ass (donkey) implies a situation where people are engaged in a pointless or senseless dispute.

Option (A), "To quarrel over trifles," accurately captures the meaning of the idiom. It signifies engaging in unnecessary arguments or disputes over small and unimportant matters.

18. In the sentence "The burglar disappeared with the cash," the verb "disappeared" is an intransitive verb. An intransitive verb is a verb that does not require a direct object to complete its meaning. In this case, "disappeared"

conveys the action of vanishing or becoming unseen, and it does not need a direct object to make sense.

- "The burglar" is the subject of the sentence.
- "disappeared" is the intransitive verb, describing the action performed by the subject.
- "with the cash" is a prepositional phrase providing additional information about how or where the disappearance occurred.

The lack of a direct object after the verb "disappeared" confirms that it is an intransitive verb in this context.

19. The verb "kicked" is transitive because it is an action performed by the subject (Ethan) on an object (the bench). Transitive verbs often have a direct object that receives the action of the verb, and in this case, "the bench" is the direct object.

21. If x be the least number by which 825 be multiplied in order to produce a multiple of 715

implies that $\frac{825 \times x}{715}$ is a whole number for least value of x .

H.C.F. of 825 and 715 is 55.

$$\therefore \frac{825}{715} \times x = \frac{(825 + 55)}{(715 + 55)} x$$

$$= \frac{15}{13} x$$

Hence, the least value of x is 13.

22. One-quarter of one-seventh

$$= \frac{1}{4} \times \frac{1}{7}$$

$$= \frac{1}{28}$$

Now, $\frac{1}{28}$ of a land costs

$$= ₹ 30,000$$

$$\therefore \frac{8}{35} \text{ of the land will cost } \frac{30,000 \times 28 \times 8}{35}$$

$$= ₹ 1,92,000.$$

23. From problem,

$$A + B + C + D + E = 66 \times 5 = 330$$

Let the 1st even number A be n , then

$$\therefore n + (n + 2) + (n + 4) + (n + 6) + (n + 8)$$

$$= 330$$

$$\Rightarrow 5n + 20 = 330$$

$$\Rightarrow 5n = 310$$

$$\therefore n = 62$$

Thus the required product

$$= B \times E = (n + 2) \times (n + 8)$$

$$= 64 \times 70$$

$$= 4480.$$

24. $S = \{HH, HT, TT, TH\}$

and $E = \{HH, HT, TH\}$

$$\therefore P(E) = \frac{n(E)}{n(S)} = \frac{3}{4}$$

25. Since, $A : B = 2 : 3$ and $B : C = 6 : 5$

$$\therefore A : B : C = 4 : 6 : 5$$

$$\text{Then, A's share} = \frac{4}{4+6+5} \times 750 = ₹ 200$$

27. Given:

The length of the minute hand = 10.5 cm

Total time = 10 minutes

Formula used:

$$\text{Length of an arc} = 2\pi r \times \frac{\theta}{360}$$

$$\text{Area of an arc} = \pi r^2 \times \frac{\theta}{360}$$

Calculation:

If we divide 360° by 12 numberings of the clock, then we will get that 5 minutes on the clock is equal to the 30° of angular space.

$$\text{The angle of 10 minutes} = 30^\circ \times 2$$

$$\Rightarrow \text{The angle of sector} = 60^\circ$$

$$\text{Area of an arc} = \pi \times (10.5)^2 \times \frac{60}{360}$$

$$\Rightarrow \pi \times (10.5)^2 \times \frac{1}{6} = \left(\frac{22}{7}\right) \times (10.5)^2 \times \frac{1}{6}$$

$$\Rightarrow 57.75 \text{ cm}$$

$$\therefore \text{The area swept in 10 minutes is } 57.75 \text{ cm}^2$$

$$28. P : Q = 85000 : 15000 = 85 : 15 = 17 : 3$$

29. We have, 4, 9, 14,

Let n th term of this A.P. is 254

$$\therefore T_n = a + (n - 1)d$$

$$\text{and } a = 4$$

$$d = 9 - 4 = 5$$

$$T_n = 254$$

$$\text{So, } 254 = 4 + (n - 1)5$$

$$= 4 + 5n - 5$$

$$5n = 254 + 1 = 255$$

$$n = \frac{255}{5} = 51$$

$$n = 51.$$

30. The distance walked on the first day = 2 kms.

The distance walked on subsequent days is half the distance walked on the previous days

\therefore Total distance walked

$$= 2 + 1 + \frac{1}{2} + \frac{1}{4} + \dots$$

This is a Geometric series Whose First term, $a = 2$

$$\text{Common ratio, } r = \frac{1}{2}$$

Maximum total distance walked by the person in his life-time means the number of terms in the series would be infinite. Hence, the series would be an infinite Geometric series.

Sum of an infinite Geometric series is given by

$$S = \frac{a}{1-r} \Rightarrow S = \frac{2}{1-\frac{1}{2}}$$

$$\Rightarrow S = \frac{2}{\frac{1}{2}} \Rightarrow S = 4 \text{ kms}$$

31. Deepak's share in profit

$$= \frac{35000 \times 13800}{(22500 + 35000)}$$

$$= \frac{483000000}{57500}$$

$$= ₹ 8400$$

33. C.P. of each share = ₹ (25 + 2% of 25)

$$= ₹ 25.50$$

$$\text{Number of shares} = \left[\frac{12750}{25.50} \right] = 500.$$

34. Let the number of men be x .

Then, number of women = $66 - x$

$$\begin{aligned} \text{Money received by } x \text{ men} &= \frac{5}{(5+4)} \times ₹ 180 \\ &= ₹ 100 \end{aligned}$$

$$\begin{aligned} \therefore \text{Money received by } (66 - x) \text{ women} &= (180 - 100) \\ &= ₹ 80 \end{aligned}$$

$$\text{Given, } \frac{100}{x} : \frac{80}{66-x} = 3 : 2$$

$$\Rightarrow \frac{100}{x} \times \frac{66-x}{80} = \frac{3}{2}$$

$$\Rightarrow \frac{200}{x} = \frac{240}{66-x}$$

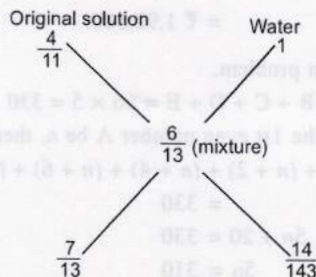
$$\Rightarrow 240x = 13200 - 200x$$

$$\Rightarrow 440x = 13200$$

$$\Rightarrow x = \frac{13200}{440} = 30.$$

35. By the rule of alligation.

water concentration,



\therefore water must be added to the mixture in the ratio

$$\frac{14}{143} : \frac{7}{13} \text{ i.e., } 2 : 11$$

$$\begin{aligned} \text{Quantity of water to be added} &= \frac{2}{11} \times 55 \\ &= 10 \text{ litres} \end{aligned}$$

37. CP of 20 articles = SP of x articles = 1 (say)

$$\text{Therefore, CP of 1 article} = \frac{1}{20},$$

$$\text{And SP of 1 article} = \frac{1}{x}$$

$$\begin{aligned} \text{Now, gain \%} &= \frac{\frac{1}{x} - \frac{1}{20}}{\frac{1}{20}} \times 100 \\ &= \frac{20}{100} \end{aligned}$$

$$\Rightarrow \left(\frac{20-x}{20x} \right) \times 20 = \frac{20}{100}$$

$$\Rightarrow 80 - 4x = x \Rightarrow 5x = 80 \Rightarrow x = 16.$$

38. Let M denotes man and B denotes boy.

$$(M + B)'s \text{ 1 day's work} = \frac{1}{40}$$

$$\text{i.e., } \frac{1}{M} + \frac{1}{B} = \frac{1}{40}$$

$$\text{Ratio of their skill} = \frac{8}{5} \text{ i.e., } \frac{1}{M} / \frac{1}{B} = \frac{8}{5}$$

Let efficiency of a man of 1 days work = x

i.e. $\frac{1}{M} = x$

Now, $\frac{1}{M} = \frac{8}{5} \times \frac{1}{B} \Rightarrow \frac{1}{B} = \frac{5x}{8}$

Now, $\frac{13x}{8} = \frac{1}{5} \Rightarrow x = \frac{1}{65}$

$\Rightarrow M = 65 \text{ and } \frac{1}{B} = \frac{1}{104}$

40. Given:

Upstream speed = 14 km/hr

Downstream speed = 40 km/hr

Formula used:

If speed of stream is y km/hr and speed of boat is x km/hr

then Upstream speed = $(x - y)$ km/hr and downstream speed = $(x + y)$ km/hr

Calculation:

$$x + y = 40 \quad \dots(i)$$

and $x - y = 14$

$$x = 27 \text{ km/hr}$$

$$\therefore y = \text{speed of stream} \\ = 40 - 27 = 13 \text{ km/hr}$$

- 41. Time taken by A to complete the work = 8 days**
B is 3 times faster than A and C is 5 times faster than A is doing the same work.

Concept:

Efficiency is inversely proportional to the time taken.

Calculation:

A can complete $\frac{1}{8}$ of work in 1 day

B can complete $\frac{3}{8}$ of the work in 1 day

C can complete $\frac{5}{8}$ of the work in 1 day

$$\Rightarrow \frac{1}{8} + \frac{3}{8} + \frac{5}{8} = \frac{9}{8} \text{ of work in 1 day}$$

\therefore Together they can complete the work in $\frac{8}{9}$ of a day.

42. Given:

Time taken for the forward journey = 7 hrs

The speed of the return journey = $x + 12$ kmph

Time taken for the return journey = 5 hrs

Formula used:

Distance = speed \times time

Calculation:

Let the speed of the forward journey be x kmph

The distance traveled in both ways are equal.

$$\Rightarrow 7x = 5(x + 12)$$

$$\Rightarrow 7x = 5x + 60$$

$$\Rightarrow 7x - 5x = 60$$

$$\Rightarrow 2x = 60$$

$$\Rightarrow x = \frac{60}{2} = 30 \text{ kmph}$$

The distance travelled = $7x = 7 \times 30 = 210$ kms

- 46. Let the amount of Royalty to be paid for these books be ₹ r .**

Then, $20 : 15 = 30600 : r$

$$\Rightarrow r = ₹ \left(\frac{30600 \times 15}{20} \right) = ₹ 22,950.$$

- 47. Central angle corresponding to Royalty**

$$= (15\% \text{ of } 360)^\circ$$

$$= \left(\frac{15}{100} \times 360 \right)^\circ$$

$$= 54^\circ$$

- 48. Clearly, marked price of the book = 120% of C.P.**

Also, cost of paper = 25% of C.P

Let the cost of paper for a single book be ₹ n .

Then, $120 : 25 = 180 : n$

$$\Rightarrow n = ₹ \left(\frac{25 \times 180}{120} \right) = ₹ 37.50.$$

- 49. For the publisher to earn a profit of 25%, S.P. = 125% of C.P.**

Also Transportation Cost = 10% of C.P.

Let the S.P. of 5500 books be ₹ x .

Then, $10 : 125 = 82500 : x$

$$\Rightarrow x = ₹ \left(\frac{125 \times 82500}{10} \right) \\ = ₹ 1031250.$$

$$\therefore \text{S.P. of one book} = ₹ \left(\frac{1031250}{5500} \right) \\ = ₹ 187.50.$$

50. Printing Cost of book = 20% of C.P.

Royalty on book = 15% of C.P.

$$\text{Difference} = (20\% \text{ of C.P.}) - (15\% \text{ of C.P.}) \\ = 5\% \text{ of C.P.}$$

\therefore Percentage difference

$$= \left(\frac{\text{Difference}}{\text{Printing Cost}} \times 100 \right) \%$$

$$= \left(\frac{5\% \text{ of C.P.}}{\text{Printing Cost}} \times 100 \right) \% \\ = 25\%.$$

63. The letters in each group are moved one step backward.

64. There is a gap of four letters between the first letters of each term and there is also a gap of three letters between the second letters of each term.

65. The pattern followed here is:

Alphabets	A	B	C	D	E	F	G	H	I	J	K	L	M
Positional value	1	2	3	4	5	6	7	8	9	10	11	12	13
Positional value	26	25	24	23	22	21	20	19	18	17	16	15	14
Alphabets	Z	Y	X	W	V	U	T	S	R	Q	P	O	N

According to the alphabetical positions of the letters.

$$B \xrightarrow{+3} E \xrightarrow{+3} H \xrightarrow{+3} K$$

$$M \xrightarrow{+2} O \xrightarrow{+2} Q \xrightarrow{+2} S$$

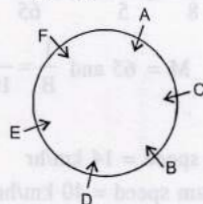
$$O \xrightarrow{+2} Q \xrightarrow{+2} S \xrightarrow{+2} U$$

Hence, 'KSU' is the correct answer.

66. Clearly, the first and second letters of each term are moved five steps forward to obtain corresponding letters of the next term.

Qs. No. 67 - 68.

The following diagram shows the arrangement



70. $5 + 2 - 12 \times 6 \div 2 = 10$

Can be written in original signs as

$$5 \times 2 + 12 \div 6 - 2 = 10 + 2 - 2 = 10$$

71. Vikas is taller than Shyam but shorter than Umesh.

$$\text{Umesh} > \text{Vikas} > \text{Shyam}$$

Umesh is taller than Rajat but shorter than Ganesh.

$$\text{Ganesh} > \text{Umesh} > \text{Rajat}$$

If Shyam is taller than Rajat

$$\text{Shyam} > \text{Rajat}$$

So we can write that

$$\text{Ganesh} > \text{Umesh} > \text{Vikas} > \text{Shyam} > \text{Rajat}$$

Rajat is the shortest among all.

Hence, Rajat is the correct answer.

72. The police is more powerful than the lawyer and less powerful than the court. And if the accused bows his head to the police, then the court is most powerful.

73. Clearly, independent judiciary is necessary for impartial judgement so that the Executive does not take wrong measures. So, only argument I holds.

81. As Ajay is an artist and all artists are beautiful, therefore, Ajay should be beautiful.

87. The logic followed here is:

Every number is prime number except 12.

The prime numbers from 1 to 100 are 2, 3, 5, 7, 11, 13, 17, 19, 23, 29, 31, 37, 41, 43, 47, 53, 59, 61, 67, 71, 73, 79, 83, 89, and 97.

So, here 3, 5, 7, 17 and 19 are prime number.

But $12 = 3 \times 4 =$ composite number

Therefore, 12 is odd one.

Hence, the correct answer is "12".

88. 10, 14, 16, 18, 21, 24, 26

All are even number except 21 which is odd

Hence, 21 is odd out.

89. 1, 5, 14, 30, 50, 55, 91

5 is prime number

Hence, 5 is odd out.

90. 2, 5, 10, 50, 500, 5000

All are multiples of 5 except 2

Hence, 2 is odd out.

96. $B_2 = 75 + 65 = 140$ thousands.

$B_4 = 85 + 95 = 180$ thousands

$$\text{Ratio} = \frac{140}{180} = 7 : 9$$

$$97. B_6 = 70 + 80 = 150$$

$$B_3 = 95 + 110 = 205$$

$$150 = x \% \text{ of } 205$$

$$\Rightarrow x = \frac{150 \times 100}{205} = 73.17\%$$

$$98. AV = \frac{150 + 65 + 110}{3} = \frac{280}{3}$$

$$AV = \frac{80 + 95 + 70}{3} = \frac{245}{3}$$

$$x\% \text{ of } \frac{280}{3} = \frac{245}{3}$$

$$x = \frac{245 \times 100}{280} = 87.5\%$$

$$99. AV = \frac{80 + 75 + 95 + 85 + 75 + 70}{6}$$

$$\frac{480}{6} = 80.$$

$$100. \text{ Total sales} = 185 + 205 + 170 = 560.$$