

IDBI EXECUTIVE OFFICER'S EXAM

Solved Original Question Paper - 2019

Duration : 1½ hours

Maximum Marks : 150

Held on : 16.05.2019

ENGLISH LANGUAGE

Directions (1-5): In the following questions, a sentence is divided into four parts. Choose the part of the sentence which may contain a grammatical error. If all the parts of the sentence are grammatically correct and contextually meaningful, choose option (E) i.e. "no error" as your answer choice.

1. Slicing a cake between pieces (A)/ is a fun tradition that many (B)/ newlyweds like to (C)/ incorporate into their ceremonies. (D)/ No Error (E)
A) A B) B
C) C D) D
E) E Ans : (A)
2. She had stayed up (A)/ all night because (B)/ she had received (C)/ bad news. (D)/ No error. (E)
A) A B) B
C) C D) D
E) E Ans : (A)
3. He as well as (A)/ his friends (B)/ were going (C)/ for picking (D)/ No Error (E)
A) A B) B
C) C D) D
E) E Ans : (A)
4. The coaching industry in India (A)/ plays a pivotal role, (B)/ as it contributes significant (C)/ revenue to the education sector. (D)/ No Error (E)
A) A B) B
C) C D) D
E) E Ans : (E)
5. If I don't (A)/ turn on my (B)/ air conditioner, my (C)/ house was hot. (D)/ No error (E)
A) A B) B
C) C D) D
E) E Ans : (D)

Directions (Qns. 6&7): In this question, a sentence has been divided into four parts denoted by (A), (B), (C) and (D). Read the sentence and find out if there is any grammatical error in it. The error, if any, will be in one part of the sentence. Mark that part as your answer. If there is no error in the sentence, mark 'No error' as your answer.

6. This idea, if initiates (A)/ in larger cities, (B)/ could be of great (C)/ help to the needy (D).
A) A B) D
C) No error D) C
E) B Ans : (A)
7. Solar panels installed (A)/ over canals have (B)/ prevented loss of (C)/ water by evaporation (D).
A) A B) D
C) C D) No error
E) B Ans : (D)

Directions (8-10) : In each of the following questions, a word given in bold at the question place has been used in different sentences. You have to find the sentence(s) in which the word has been correctly and meaningfully used and choose the appropriate option accordingly.

8. **OBLIQUE**
 - 1) She made several oblique references to the current financial situation.
 - 2) All banks oblique people to re pay their loans or take the chance of their credit being ruined.
 - 3) The absent-minded couple acted oblique to the mess their child made in the restaurant and continued happily with the meal.

Select the correct answer :

- A) Only (1) and (2) B) Only (2)
C) Only (1) D) Only (3)
E) None Ans : (C)

9. **BALANCE**
 - 1) This newspaper maintains a good balance in its presentation of different opinions.
 - 2) Senior managers stipulated work-life balance as their main criterion when choosing jobs.
 - 3) The clerk was unable to account for the deficit in 'the firm's bank balance.

Select the correct answer :

- A) None B) Only (1)
C) All (1),(2) and (3) D) Only (1) and (3)
E) Only (3) Ans : (C)

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10. COURSE

- 1) Outside the golf club, members were working hard to prepare the course for open week.
- 2) The students of the management course learn about all aspects of business.
- 3) She did not like the outfit as it was made of course cloth .

Select the correct answer :

- A) None B) Only (2) and (3)
 C) All (1),(2) and (3) D) Only (1)
 E) Only (1) and (2) **Ans : (E)**

Directions (11-14) : In each of these questions, a sentence has been given and five words have been given in bold denoted by (I), (II), (III), (IV) and (V). You have to decide which of the given pairs correctly indicates the pair of words which should be interchanged to make the sentence grammatically and meaningfully correct without changing the meaning of the sentence. If the sentence is correct as it is and no interchange is required, select 'No interchange is required' as your answer.

11. If the retroactive tax legislation is **passed** (I), small businesses will **receive** (II) a tax refund (III) for **overpayments** (IV) made in the **previous** (V) year.
 A) III-IV and II-III B) I-III
 C) III-V D) I-II and IV-V
 E) No interchange is required **Ans : (E)**
12. Scientists **experiment** (I) the **performed** (II) over a hundred **disproved** (III) and each time there was a single **variable** (IV) in their results that **times** (V) their theory.
 A) No interchange is required
 B) I-II and III-V C) I-III
 D) III-IV and II-III E) II-V **Ans : (B)**
13. Although a **inventory** (I) of the organisation's **budget** (II) is **allocated** (III) for employee salaries, over half is used to **purchase** (IV) new **quarter** (V).
 A) I-IV and II-V B) II-III and IV-V
 C) I-V D) II-IV
 E) No interchange is required **Ans : (C)**
14. It took the **jury** (I) almost five hours to **accused** (II) a majority **verdict** (III) and acquit the **reach** (IV) on all three **charges** (V).
 A) No interchange is required
 B) II-IV C) I-II and IV-V
 D) I-V and II-III E) III-IV **Ans : (B)**

Directions (15-20) : In each of the given sentences a word/phrase has been given in bold.

Which of the following word/phrase given against the sentence should replace the word/phrase given in bold in the sentence to make it grammatically correct? If none of the words/phrase is/are correct and the sentence is correct as it is given and no correction is required, select "No correction required" as the answer.

15. The best thing for patient is **watch** and advise the doctor immediately in case of any change
 A) to be watched B) as to watch
 C) is to be watchful D) was being watched
 E) No correction required **Ans : (C)**
16. The analysis of the samples **provided valuable clues** to the police.
 A) was provided valuable clues
 B) has valued clues by
 C) to give value the clue
 D) providing value clue
 E) No correction required **Ans : (E)**
17. The government plans **the ending to weir** by sending in additional troops.
 A) ends off war B) to end the war
 C) is to end war D) the war ended
 E) No correction required **Ans : (B)**
18. Using robot greatly decreases the amount of **time that needs** to manufacture a product.
 A) may need time to B) will not need time
 C) time to need on D) time needed to
 E) No correction required **Ans : (D)**
19. The high-school students quickly **finds a solution** to the problem.
 A) No correction required
 B) by finding a solution
 C) found a solution
 D) might find solution of
 E) solution is found **Ans : (C)**
20. Trained dogs guide the blind **to made sure** they allow their blind owners to walk only in safe places.
 A) No correction required
 B) they are sure to make
 C) for making it sure
 D) surely make it
 E) by making sure **Ans : (E)**

Directions (21-25) Rearrange the given FIVE sentences (A), (B), (C), (D) and (E) in a proper sequence so as to form a meaningful paragraph and then answer the given questions.

- A) This online medium of imparting knowledge also gives the opportunity to interested companies to really take the

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76. 40% of the total number of students in a school are in primary classes. $\frac{1}{5}$ th of the remaining students are in secondary classes and the remaining 1200 are in higher secondary classes. What is the total number of students in the school ?

A) 3500 B) 2250
C) 3000 D) 2500
E) 2000

Explanation :

Total students in school = x

Number of students : Primary classes

$$\Rightarrow \frac{40x}{100} = \frac{2x}{5}$$

Secondary classes :

$$\Rightarrow \frac{1}{5} \left(x - \frac{2x}{5} \right) = \frac{1}{5} \left(\frac{5x - 2x}{5} \right)$$

$$\Rightarrow \frac{1}{5} \times \frac{3x}{5} = \frac{3x}{25}$$

According to the question,

Remaining students

$$= \frac{3x}{5} - \frac{3x}{25} = \frac{15x - 3x}{25}$$

$$= \frac{12x}{25} \text{ who are in higher secondary classes.}$$

$$\therefore \frac{12x}{25} = 1200$$

$$\therefore x = \frac{1200 \times 25}{12} = 2500$$

77. Mini is 6 years younger than P and also Mini is 6 years older than Q. Twelve years hence the respective ratio between the ages of P and Q at that time will be 4 : 3. What is the sum of present ages of P and Q? (in years)

A) 50 B) 42
C) 48 D) 64
E) 60

Explanation :

Mini's age $\Rightarrow M$ years

$$M = P - 6 \Rightarrow P = M + 6 \dots\dots(i)$$

$$M = Q + 6 \Rightarrow Q = M - 6 \dots\dots(ii)$$

After 12 years,

$$\frac{P + 6}{Q + 6} = \frac{4}{3}$$

Ans : (D)

$$\Rightarrow \frac{M + 6 + 12}{M - 6 + 12} = \frac{4}{3}$$

$$4M - 24 + 48 = 3M + 36 + 18$$

$$\Rightarrow 4M + 24 = 3M + 54$$

$$\Rightarrow M = 54 - 24 = 30$$

$$\therefore P + Q = M + 6 + M - 6 = 2M$$

$$= 2 \times 30 = 60 \text{ years}$$

78. The value of a car depreciates by 15% each year. For a car purchased in 2016 for ₹ 240000, what will be the value of the car at the end of two years? (in ₹)

A) ₹ 173400 B) ₹ 175920
C) ₹ 156000 D) ₹ 147000
E) ₹ 172100

Explanation :

Ans : (A)

$$A = P \left(1 - \frac{R}{100} \right)^T$$

$$= 240000 \left(1 - \frac{15}{100} \right)^2 = 240000 \left(1 - \frac{3}{20} \right)^2$$

$$= 240000 \times \frac{17}{20} \times \frac{17}{20} = ₹ 173400$$

79. Out of the total distance of 180 km, a car travels one-third of it at a speed of 30 km/hr and remaining distance at the speed of 40 kmph. What is the average, speed of the car? (in kmph)

A) 38 B) 35
C) 36 D) 32
E) 34

Explanation :

Ans : (C)

Time taken in covering one-third of distance

$$\text{Time} = \frac{\text{Distance}}{\text{Speed}}$$

$$\frac{180 \times \frac{1}{3}}{30} = \frac{60}{30} = 2 \text{ hours}$$

$$\text{Remaining distance} = 180 - 60 = 120 \text{ km}$$

$$\therefore \text{Time taken} = \frac{120}{40} = 3 \text{ hours}$$

$$\therefore \text{Average speed} = \frac{\text{Total distance}}{\text{Total time}} = \frac{180}{2 + 3}$$

$$\Rightarrow \frac{180}{5} = 36 \text{ kmph}$$

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Directions (80-84) : What will come in place of question mark (?) in the given number series?

80. 8 9 17 26 90 ?
 A) 121 B) 109
 C) 115 D) 125
 E) 111

Explanation :

$$8 + 1^2 = 8 + 1 = 9$$

$$9 + 2^2 = 9 + 4 = 13$$

$$17 + 3^2 = 17 + 9 = 26$$

$$26 + 4^2 = 26 + 16 = 42$$

$$90 + 5^2 = 90 + 25 = 115$$

81. 96 48 72 180 ? 2835
 A) 570 B) 630
 C) 575 D) 612
 E) 484

Explanation :

$$96 \times \frac{1}{2} = 48 \quad ; \quad 48 \times \frac{3}{2} = 72$$

$$72 \times \frac{5}{2} = 180 \quad ; \quad 180 \times \frac{7}{2} = \boxed{630}$$

$$630 \times \frac{9}{2} = 2835$$

82. 13 14 30 93 ? 1885
 A) 364 B) 388
 C) 382 D) 356
 E) 376

Explanation :

$$13 \times 1 + 1 = 14$$

$$14 \times 2 + 2 = 28 + 2 = 30$$

$$30 \times 3 + 3 = 90 + 3 = 93$$

$$93 \times 4 + 4 = 372 + 4 = \boxed{376}$$

$$376 \times 5 + 5 = 1880 + 5 = 1885$$

83. 1252 250 62 20 ? 7
 A) 13 B) 7
 C) 11 D) 12
 E) 9

Explanation :

$$\frac{1252 - 2}{5} = \frac{1250}{5} = 250$$

$$\frac{250 - 2}{4} = \frac{248}{4} = 62$$

$$\frac{62 - 2}{3} = \frac{60}{3} = 20$$

$$\frac{20 - 2}{2} = \frac{18}{2} = 9$$

$$\frac{9 - 2}{1} = 7$$

84. 15 21 32 48 69 ?
 A) 85 B) 103
 C) 100 D) 89
 E) 95

Explanation :

$$15 + 6 = 21$$

$$21 + 11 = 32$$

$$32 + 16 = 48$$

$$48 + 21 = 69$$

$$69 + 26 = \boxed{95}$$

Ans : (E)

Note
 6+5 = 11
 11+5 = 16
 16+5 = 21

Ans : (C)

Directions (85-89) : In the following questions two equations numbered I and II are given. You have to solve both the equations and

Give answer (A) if $x > y$

Give answer (B) if $x \geq y$

Give answer (C) if $x < y$

Give answer (D) if $x \leq y$

Give answer (E) if $x = y$ or the relationship between x and y cannot be established.

85. I. $x^2 + 8x + 12 = 0$
 II. $y^2 + 14y + 45 = 0$

Explanation :

I. $x^2 + 8x + 12 = 0$
 $\Rightarrow x^2 + 2x + 6x + 12 = 0$
 $\Rightarrow x(x+2) + 6(x+2) = 0$
 $\Rightarrow (x+2)(x+6) = 0$
 $\therefore x = -2 \text{ or } -6$

II. $y^2 + 14y + 45 = 0$
 $\Rightarrow y^2 + 5y + 9y + 45 = 0$
 $\Rightarrow y(y+5) + 9(y+5) = 0$
 $\Rightarrow (y+5)(y+9) = 0$
 $\therefore y = -5 \text{ or } -9$

86. I. $2x^2 - 11x + 15 = 0$
 II. $y^2 - 3y + 2 = 0$

Explanation :

I. $2x^2 - 11x + 15 = 0$
 $\Rightarrow 2x^2 - 6x - 5x + 15 = 0$
 $\Rightarrow 2x(x-3) - 5(x-3) = 0$
 $\Rightarrow (x-3)(2x-5) = 0$
 $\therefore x = 3 \text{ or } \frac{5}{2}$

II. $y^2 - 3y + 2 = 0$
 $\Rightarrow y^2 - y - 2y + 2 = 0$
 $\Rightarrow y(y-1) - 2(y-1) = 0$
 $\Rightarrow (y-1)(y-2) = 0$
 $\therefore y = 1 \text{ or } 2$
 Clearly, $x > y$

Ans : (E)

Ans : (A)

Ans : (E)

Ans : (E)

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87. I. $6x^2 + 17x + 12 = 0$

II. $3y^2 + 11y + 10 = 0$

Explanation :

I. $6x^2 + 17x + 12 = 0$
 $\Rightarrow 6x^2 + 9x + 8x + 12 = 0$
 $\Rightarrow 3x(2x+3) + 4(2x+3) = 0$
 $\Rightarrow (2x+3)(3x+4) = 0$

$\therefore x = \frac{-3}{2} \text{ or } \frac{-4}{3}$

II. $3y^2 + 11y + 10 = 0$
 $\Rightarrow 3y^2 + 6y + 5y + 10 = 0$
 $\Rightarrow 3y(y+2) + 5(y+2) = 0$
 $\Rightarrow (y+2)(3y+5) = 0$

$\therefore y = -2 \text{ or } \frac{-5}{3}$

Clearly, $x > y$

88. I. $2x^2 - 3x + 1 = 0$

II. $5y^2 - 6y - 8 = 0$

Explanation :

I. $2x^2 - 3x + 1 = 0$
 $\Rightarrow 2x^2 - 2x - x + 1 = 0$
 $\Rightarrow 2x(x-1) - 1(x-1) = 0$
 $\Rightarrow (x-1)(2x-1) = 0$

$\therefore x = 1 \text{ or } \frac{1}{2}$

II. $5y^2 - 6y - 8 = 0$
 $\Rightarrow 5y^2 - 10y + 4y - 8 = 0$
 $\Rightarrow 5y(y-2) + 4(y-2) = 0$
 $\Rightarrow (y-2)(5y+4) = 0$

$\therefore y = 2 \text{ or } \frac{-4}{5}$

89. I. $2x^2 - 5\sqrt{2}x + 4 = 0$

II. $3y^2 - 6\sqrt{3}y + 5 = 0$

Explanation :

I. $2x^2 - 5\sqrt{2}x + 4 = 0$
 $\Rightarrow 2x^2 - 4\sqrt{2}x - \sqrt{2}x + 4 = 0$
 $\Rightarrow 2x(x-2\sqrt{2}) - \sqrt{2}(x-2\sqrt{2}) = 0$
 $\Rightarrow (x-2\sqrt{2})(2x-\sqrt{2}) = 0$

$\therefore x = 2\sqrt{2} \text{ or } \frac{\sqrt{2}}{2} = 2.8 \text{ or } 0.707$

II. $3y^2 - 6\sqrt{3}y + 5 = 0$
 $\Rightarrow 3y^2 - \sqrt{3}y - 5\sqrt{3}y + 5 = 0$

$\Rightarrow \sqrt{3}y(\sqrt{3}y-1) - 5(\sqrt{3}y-1) = 0$

Ans : (A)

$\Rightarrow (\sqrt{3}y-1)(\sqrt{3}y-5) = 0$

$\Rightarrow y = \frac{1}{\sqrt{3}} \text{ or } \frac{5}{\sqrt{3}}$

$= \frac{\sqrt{3}}{3} \text{ or } \frac{5\sqrt{3}}{3} = 0.58 \text{ or } 2.9$

Directions (90-95) : What approximate value will come in place of questions mark (?) in the given questions? (You are not expected to calculate the exact value.)

90. $\frac{31.94}{1.98^3} + \frac{42.04}{?} = 7$

- A) 21 B) 7
C) 14 D) 18
E) 12

Explanation :

$\frac{32}{(2)^3} + \frac{42}{?} \approx 7 \Rightarrow \frac{32}{8} + \frac{42}{?} \approx 7$

$\Rightarrow \frac{42}{?} \approx 7 - 4 = 3$

$\therefore ? \approx \frac{42}{3} \approx 14$

91. $7.02 \times 4.99 - 3.09 \times ? = 2.02^3$

- A) 27 B) 9
C) 18 D) 15
E) 3

Explanation :

$7 \times 5 - 3 \times ? \approx 2^3$

$\Rightarrow 35 - 3 \times ? \approx 8$

$\Rightarrow 3 \times ? = 35 - 8 \approx 27$

$\therefore ? = \frac{27}{3} \approx 9$

92. $(1.99 + 5.02)^2 - (1 + ?) = 10.93 \times 3.05$

- A) 11 B) 19
C) 15 D) 7
E) 22

Explanation :

$(2+5)^2 - (1+?) \approx 11 \times 3$

$\Rightarrow 49 - (1+?) = 33$

$\Rightarrow 48 - ? = 33$

$\therefore ? \approx 48 - 33 = 15$

93. $\frac{14.12 + 7.98}{3.05 + 8.01} \times 2.98^2 = ?$

- A) 12 B) 30
C) 24 D) 18
E) 9

Ans : (E)

Ans : (C)

Ans : (B)

Ans : (E)

Ans : (C)