

ESIC UDC Prelims 2022 Memory-based Questions(With Solution) **DOWNLOAD PDF**



1. Which river in West Bengal is known by the name 'Sorrow of Bengal'?

- A. Ganga river
- B. Kosi river
- C. Damodar river
- D. Jaldhaka river
- E. None of the above

2. In which year the Battle of Haldighati was fought?

- A. 1556
- B. 1576
- C. 1608
- D. 1605
- E. None of these

3. Which of the following ministries has launched the UDAN scheme?

- A. Ministry of Civil Aviation
- B. Ministry of Education
- C. Ministry of Home Affairs
- D. Ministry of Defence
- E. Ministry of Women and Child Development

4. Which country gives the Ramon Magsaysay Award?

- A. Philippine
- B. Canada
- C. Japan
- D. U S A
- E. Germany

5. In which year did Lata Mangeshkar get the Bharat Ratna award?

- A. 2021
- B. 2000
- C. 2019
- D. 2018
- E. 2017

Direction: Following questions are based on the five three-digit numbers given below:

239 541 865 472 138

6. If the first and second digits of each number are exchanged, then multiply the second digit of the largest number and third digit of the smallest number.

- A. 36
- B. 32
- C. 20
- D. 24
- E. 28

7. If all the digits of every number are added, then which number's sum of digits will be smallest?

- A. 239
- B. 541
- C. 865
- D. 472
- E. 138



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8.If the first digit of every number is removed, How many numbers will be divisible by 3?

- A. One
- B. Two
- C. Three
- D. More than three
- E. None

9.If all the digits of all the numbers are arranged in ascending order within the number from left to right, which will be the third largest number?

- A. 239
- B. 541
- C. 865
- D. 472
- E. 138

10.What will be the result if the second digit of the highest number is divided by the second digit of the lowest number?

- A. 4
- B. 2
- C. 1
- D. 5
- E. None of the above

Direction: What should come in place of the question mark ('?') in the following Question?

$$11. 7 \times (?)^2 \div 28 \times 50 = 1800$$

- A. 12
- B. 8
- C. 16
- D. 22
- E. None of these

Direction: What should come in place of the question mark ('?') in the following number series?

$$12. 50, 69, 90, 113, 138, ?$$

- A. 165
- B. 156
- C. 170
- D. 161
- E. 172

$$13. 13, ?, 33, 69, 133, 233$$

- A. 11
- B. 14
- C. 16
- D. 17
- E. 15

14.Varun's age is $\frac{1}{4}$ the age of Arun's now. 3 years ago, Varun's age was $\frac{1}{6}$ the age of Arun's, 6 years hence. Find the ratio of their ages 3 years from now.

- A. 5 : 17
- B. 3 : 14
- C. 7 : 16
- D. 4 : 19
- E. None of these



15. A started a business with Rs. 400. After 6 months, B joined the business with double the amount invested by A. Four months after B joined, A left. If the annual profit was Rs. 462, find B's profit.

- A. Rs. 272
- B. Rs. 252
- C. Rs. 232
- D. Rs. 226
- E. None of these

###COMMON###16###20###
Direction: Given below are five statements A, B, C, D, and E, which when arranged in the correct order, form a coherent and meaningful paragraph. Rearrange the statements in a proper sequence to form a meaningful paragraph, and then answer the questions that follow.

- A) The office bore the name "Mishra and Associates".
- B) This was because I could hardly earn enough to hire associates.
- C) Eventually as the business grew, I hired two associates to help me.
- D) When I graduated law, I opened my new office.
- E) But initially, for me, hiring new associates was a dream.

16. Which of the following will become the FIRST statement in the rearranged series?

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

17. Which of the following will become the SECOND statement in the rearranged series?

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

18. Which of the following will become the THIRD statement in the rearranged series?

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

19. Which of the following will become the FOURTH statement in the rearranged series?

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



20. Which of the following will become the LAST statement in the rearranged series?

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



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Answers & Explanations

1. Ans. C.

Damodar River was known by the name "River of Sorrows" as it used to flood many areas of Bardhaman, Hooghly, Howrah and Medinipur districts.

2. Ans. B.

Battle of Haldighati was fought in the year 1576 between Maharana Pratap and Akbar Army led by Mansingh.

The site of the battle was a narrow mountain pass at Haldighati near Gogunda in Rajasthan.

3. Ans. A.

* Ude Desh Ka Aam Naagrik (UDAN) was launched as a Regional Connectivity Scheme (RCS) under the Ministry of Civil Aviation in 2016.

* It provides connectivity to un-served and underserved airports of the country through the revival of existing air-strips and airports.

4. Ans. A.

Ramon Magsaysay Award was established in April 1957 by the trustees of the Rockefeller Brothers Fund based in New York City with

the concurrence of the Philippine government.

The Ramon Magsaysay Award is an annual award established to perpetuate former Philippine President Ramon Magsaysay's example of integrity in governance, courageous service to the people, and pragmatic idealism within a democratic society.

5. Ans. A.

Lata Mangeshkar was awarded the Bharat Ratna, India's highest civilian honour in 2021.

6. Ans. B.

Original Series - 239 541 865 472 138

After Performing operation - 329 451 685 742 318 (Interchanged first and second)

Second digit of largest number - **742**

Third digit of smallest number - **318**

$4 * 8 = 32$

7. Ans. B.

Original Series - 239 541 865 472 138



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After adding all the digits

541 is the number in which the sum of digits is smallest.

8. Ans. B.

Original Series - 239 541 865 472
138

After removing first digit of each number

39 41 65 72 38

39 & 72 are two numbers which are divisible by 3.

9. Ans. A.

Original Series - 239 541 865 472
138

After performing the operation-
239 145 568 247 138

239 is the 3rd largest number

10. Ans. B.

Original Series - 239 541 865 472
138

Highest Number- **865**

Lowest number - **138**

$6/3=2$

11. Ans. A.

$$7 \times (?)^2 \div 28 \times 50 = 1800$$

$$(?)^2 = 1800 \times 4 \div 50$$

$$(?)^2 = 144$$

$$? = 12$$

12. Ans. A.

+ 19, + 21, + 23, + 25, + 27

13. Ans. D.

+ 2^2 , 4^2 , 6^2 , 8^2 , 10^2

14. Ans. A.

Varun's age = $1/4$ the age of Arun's now

Varun age : Arun age = $x : 4x$

$$(4x + 6)/6 = x - 3$$

$$X = 12$$

Varun's age = 12 year

Arun's age = $12 \times 4 = 48$ year

After 3 years, required ratio = 15 : 51

= 5 : 17

15. Ans. B.

Profit ratio;

$$400 \times 10 : 800 \times 6$$



5 : 6

Share of B = $462 \times 6 \div 11$

= Rs. 252

16. Ans. D.

The passage is talking about the life of a lawyer and how he set up his office. The first statement is statement D as it introduces the topic of the passage. After setting up his office, he gave it a name. Thus, statement A follows statement D. However, there was a limitation. Even though he had 'associates' in the name, he could not hire any. Thus, statement E follows statement A. Statement B which follows statement E explains the reason for not hiring associates. The last statement is statement C as the lawyer says he finally could hire associates once his business got good. Thus, the correct sequence is DAEBBC.

17. Ans. A.

The passage is talking about the life of a lawyer and how he set up his office. The first statement is statement D as it introduces the topic of the passage. After setting up his office, he gave it a name. Thus, statement A follows statement D. However, there was a limitation. Even though he had 'associates' in the name, he could not hire any. Thus, statement E

follows statement A. Statement B which follows statement E explains the reason for not hiring associates. The last statement is statement C as the lawyer says he finally could hire associates once his business got good. Thus, the correct sequence is DAEBBC.

18. Ans. E.

The passage is talking about the life of a lawyer and how he set up his office. The first statement is statement D as it introduces the topic of the passage. After setting up his office, he gave it a name. Thus, statement A follows statement D. However, there was a limitation. Even though he had 'associates' in the name, he could not hire any. Thus, statement E follows statement A. Statement B which follows statement E explains the reason for not hiring associates. The last statement is statement C as the lawyer says he finally could hire associates once his business got good. Thus, the correct sequence is DAEBBC.

19. Ans. B.

The passage is talking about the life of a lawyer and how he set up his office. The first statement is statement D as it introduces the topic of the passage. After setting up his office, he gave it a name. Thus, statement A follows statement D. However, there was a



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limitation. Even though he had 'associates' in the name, he could not hire any. Thus, statement E follows statement A. Statement B which follows statement E explains the reason for not hiring associates. The last statement is statement C as the lawyer says he finally could hire associates once his business got good. Thus, the correct sequence is DAEBBC.

20. Ans. C.

The passage is talking about the life of a lawyer and how he set up his office. The first statement is statement D as it introduces the topic of the passage. After setting up his office, he gave it a name. Thus, statement A follows statement D. However, there was a limitation. Even though he had 'associates' in the name, he could not hire any. Thus, statement E follows statement A. Statement B which follows statement E explains the reason for not hiring associates. The last statement is statement C as the lawyer says he finally could hire associates once his business got good. Thus, the correct sequence is DAEBBC.



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