INSIGHTSIAS
SIMPLYFYING IAS EXAM PREPARATION

INSTA 75 Days REVISION PLAN
UPSC Prelims 2020

INSTA Tests
CSAT (11-20)

QUESTIONS

CSAT PAPER – II (Ratio & Proportions; Mixtures & Alligation; English Comprehension)

1. A got twice as many marks in English as in Science. His total marks in English, Science and Mathematics is 180. If the ratio of his marks in English and Mathematics is 2 : 3, what is his marks in Science?

(a) 40

(b) 50

(c) 60

(d) 30

2. By mistake, instead of dividing Rs. 117 among A, B and C in the ratio 1/2,1/3,1/4 it was divided in the ratio of 2:3:4. Who gains the most and by how much?

(a) C, Rs. 25

(b) B, Rs 50

(c) A, Rs 25

(d) C, Rs 40

3. The ratio of the number of UG students and PG students in a college is 5:4. If 40% of the UG students and 50 % of the PG students are scholarship holders. What percentage of the students does not get the scholarship?

(a) 54.5 %

(b) 55.5%

(c) 52 %

(d) 60 %

4. The wages of Santhosh and Revathi are in the ratio ratio 6:5. If the wages of each is increased by Rs.6000, the new ratio becomes 38:35. What is Revathi's present salary?

(a) 4500

(b) 5000

(c) 5500

(d) 4000

Directions for the following (one) item:

Read the following passage and answer the item that follow. Your answer to this item should be based on the passage only.

In 2019, women's actual involvement in politics remains noticeably weak across parties. And nine out of ten of our legislators are men. In the matter of women's actual political representation in Parliament, India ranks 151 globally among 190 countries. Among its eight South Asian neighbours, India ranks below Afghanistan, Bangladesh, Pakistan and Nepal. And (according to the Inter-Parliamentary Forum), as of 2014, India's women occupied less than 12 per cent seats both in the Lok Sabha and Rajya Sabha. Even in the state and national decision-making bodies, women remain hugely under-represented.

5. Which of the following is the ***most logical and rational corollary*** to the above passage?

(a) The fight for equal rights to women starts with equal representation rights

(b) Patriarchy is steeped in Indian politics

(c) The status of women in India is worse than its neighbouring countries

(d) Women are not adequately represented in the Indian Parliament

6. The cost price of 2 shirts and 3 jeans is Rs. 2200 and the cost price of 2 jeans and 4 shirts is Rs. 2400. Find the ratio between the cost price of the jeans and the shirt.

(a) 2:1

(b) 10: 7

(c) 8: 3

(d) 5: 2

7. For every 2 chocolate Mahesh gets Umesh is given 3 chocolate. If the total number of chocolate distributed to them is 65, then find the number of chocolates Umesh received?

(a) 26

(b) 24

(c) 36

(d) 39

8. Two numbers are in the ratio 7:9. If 12 is subtracted from each of them, the ratio becomes 3:5. The product of the numbers is:

(a) 455

(b) 567

(c) 875

(d) 130

9. Ratio between two numbers is 3:2 and their difference is 25, then find the smaller number ?

(a) 25

(b) 50

(c) 75

(d) 45

Directions for the following (one) item:

Read the following passage and answer the item that follow. Your answer to this item should be based on the passage only.

School safety' has been defined as the creation of a safe environment for children, starting from their homes to their schools and back. This includes safety from large-scale 'natural' hazards of geological/climatic origin, human-made risks, pandemics, violence as well as more frequent and smaller-scale fires, transportation and other related emergencies and threats that can adversely affect the lives of children. The concept of 'safe school' has evolved over the last couple of decades as the threat to the physical well-being of children has risen both globally and in India. International attention was drawn to the safety of school children in 'The Hyogo Framework for Action: Building the Resilience of Nations and Communities to Disasters' , adopted by the United Nations in 2005.

10. In light of the above passage, which of the following statement(s) is/are true about school safety?

1. School safety concerns itself with safety of children inside school premises

2. School safety as an issue has also been raised at disaster management conferences

Select the correct code from below:

(a) 1 only

(b) 2 only

(c) Both 1 & 2

(d) Neither 1 nor 2

Percentage; Partnership; English Comprehension

11. A trader allows two successive discounts of 10% and 20%. If he sells the article for Rs. 144, then what is the marked price of the article?

(a) Rs. 180

(b) Rs. 200

(c) Rs. 240

(d) Rs. 150

12. If the length and breadth of a rectangle decrease by 10% each, then by what percent does the area decrease?

(a) 49%

(b) 25%

(c) 19%

(d) 15%

13. When the price of a radio was reduced by 20%, its sale increased by 80%. What was the net effect on the sale ?

(a) 44% increase

(b) 44% decrease

(c) 66% increase

(d) 75% increase

14. A shopkeeper sells an article at 12.5% loss. If he sells it for Rs. 92.50 more, then he gains 6%. What is the cost price of the article ?

(a) Rs. 510

(b) Rs. 500

(c) Rs. 575

(d) Rs. 600

Directions for the following (one) item:

Read the following passage and answer the item that follow. Your answer to this item should be based on the passage only.

Fortunately, the modern trend in today's world is towards less secrecy and more information. The International Covenant on Civil and Political Rights (ICCPR), adopted by the General Assembly of the United Nations way back in 1966, specifically includes the right to freedom of expression, defined as "the freedom to seek, receive and impart the information and ideas of all kinds".

15. Which among the following option is ***in sync with the central theme*** of the passage?

(a) Official Secrets Act is an anachronistic piece of legislature

(b) Press freedom is under threat in India

(c) Free and fair elections is an essential part of freedom of speech

(d) None of the above

16. A milkman sells milk at the rate of Rs 50 per liter. The milk sold contains 25% water. Assuming that the cost of the milk is Rs. 40 per liter, what is the profit per liter made by the milkman?

(a) Rs. 20

(b) Rs. 15

(c) Rs. 10

(d) Rs. 25

17. In a class, the number of girls is 20% more than that of the boys. The strength of the class is 66. If 4 more girls are admitted to the class, then what will be the ratio of the number of boys to that of the girls?

(a) 1 : 2

(b) 3 : 4

(c) 5 : 4

(d) 4 : 3

18. Ramesh sold an article for Rs. 6,750 after giving a discount of 10% on the labeled price. He would have earned a profit of 50%, had there been no discount. What was the actual percentage of profit earned?

(a) 26%

(b) 30%

(c) 35%

(d) 45%

19. A man buys an article for 20% less than its value and sells it for 20 % more than its value. What is his gain in percentage?

(a) 50%

(b) 0 %

(c) 30%

(d) Cannot be determined

Directions for the following (one) item:

Read the following passage and answer the item that follow. Your answer to this item should be based on the passage only.

We have hard work ahead. There is no resting for any of us till we redeem our pledge in full fill we make all the people of India what destiny intends them to be. We are citizens of a great country, on the verge of bold advance, and we have to live up to that high standard. All of us, to whatever religion we may belong, are equally the children of India with, equal rights, privileges and obligations. We cannot encourage communalism or narrow mindedness, for no nation can be great whose people are narrow in thought or action.

20. The challenge the author of the above passage throws to the public is to achieve

(a) a high standard of living, progress and privileges

(b) equal privileges, fulfilment of destiny and political tolerance

(c) spirit of adventure and economic parity

(d) hard work, brotherhood out national unity

21. A and B invested in a business. They earned some profit which they divided in the ratio of 2 : 3. If 'A' invested Rs. 40,000, what is the amount invested by B?

(a) 40000

(b) 50000

(c) 30000

(d) 60000

22. Ramya and Sheela are partners in a business, Ramya invests Rs, 35,000 for 8 months and Sheela invests Rs. 42,000 for 10 months. Out of a profit of Rs. 31,570, What is Ramya's share ?

(a) 12628

(b) 15122

(c) 18718

(d) 14200

23. The value of a machine depreciates at the rate of 10% every year. It was purchased 3 years ago. If its present value is Rs. 8748, What is its purchase price?

(a) 11000

(b) 9000

(c) 10000

(d) 12000

24. A number is decreased by 10% and then increased by 10%. The number so obtained is 10 less than the original number. What was the original number ?

(a) 1200

(b) 1000

(c) 100

(d) 200

Directions for the following (one) item:

Read the following passage and answer the item that follow. Your answer to this item should be based on the passage only.

Really I think that the poorest he that is in England has a life to live, as the greatest he, and therefore truly, I think it is clear that every man that is to live under a government ought first by his own consent to put himself under the government, and I do think that the poorest man in England is not at all bound in a strict sense to that government that he has not had a voice to put himself under.

25. The above statement **argues for**

(a) distribution of wealth equally to all

(b) rule according to the consent of the governed

(c) rule of the poor

(d) expropriation of the rich

26. By selling a pen at a profit of 60% a man got Rs 38 more than one third of its cost price. What is the cost price of pen?

(a) 25

(b) 40

(c) 50

(d) 30

27. Ramya invested an amount of Rs.60000 to start a business . After 8 months, Bharathi joined her with an amount of Rs . 30000 . They earned profit RS . 24500 after one year. What is Bharathi profit ?

(a) 2500

(b) 1500

(c) 3500

(d) 4000

28. What is the sum of all natural numbers between 100 and 200 which are multiples of 3?

(a) 4950

(b) 4300

(c) 5000

(d) 5200

29. One half of a two digit number exceeds its one third by 6. What is the sum of the digits of the number?

(a) 12

(b) 9

(c) 15

(d) 6

Directions for the following (one) item:

Read the following passage and answer the item that follow. Your answer to this item should be based on the passage only.

Automation will likely impact most jobs involving highly structured physical activity in predictable environments, such as manufacturing and retail, alongside data collection and processing. Also, automation threatens to impact women more than men, suggests the report. It points out that women are a large component of the workforce in retail, business processing outsourcing and textiles/clothing /footwear.

30. Which of the following is the ***most logical and crucial inference*** that can be drawn from the passage?

(a) Jobs that have some semblance of a routine are more at threat than others because of automation

(b) Women are mostly employed in routine jobs

(c) Automation is a threat to capitalistic pattern of economy

(d) Unemployment will increase in future

Profit & loss; English Comprehension

31. If the cost price of 16 pens is equal to the selling price of 12 pens, what is the profit in percentage?

(a) 25%

(b) 33.33%

(c) 20%

(d) 75%

32. A trader allows two successive discounts of 10% and 20%. If he sells the article for Rs. 144, then what is the marked price of the article?

(a) Rs. 180

(b) Rs. 200

(c) Rs. 240

(d) Rs. 150

33. Ajay decides to sell milk at cost price. In what ratio should he mix water and milk so that he can earn 20% profit?

(a) 1:9

(b) 1:11

(c) 1:5

(d) 1:10

34. Ten days ago, price of gold was Rs 21,000 per 10 gms. Due to a slump in the market last week, the price of gold decreases by 10%. What shall be the cost of 50 gm gold now?

(a) Rs. 2,100

(b) Rs 18,900

(c) Rs. 1,05,000

(d) Rs. 94,500

Directions for the following (one) item:

Read the following passage and answer the item that follow. Your answer to this item should be based on the passage only.

Indian elections have become less violent over the last three decades. The credit for this must go not only to institutions such as the Election Commission but also to the political class. Yet there is another disturbing tendency,

potentially replete with violence, that has been growing during the same period: to view political opponents as enemies to be annihilated.

35. Which one of the following is the **most logical and rational corollary** to the above passage?

 (a) It is necessary for a political person to conduct himself as if surrounded by enemies

 (b) We see political adversaries as political enemies

 (c) How to deal ideologically with the challenge of seeing political opponents as enemies seems to be one of the great challenges of our times

 (d) Ideological divide should not create schisms in society

36. A trader sold an article at a loss of 5% but when he increased the selling price by Rs.65 he gained 3.33% on the cost price. If he sells the same article at Rs. 936, what is the profit percentage?

 (a) 10 %

 (b) 20 %

 (c) 5 %

 (d) Data inadequate

37. If the cost price is 25% of selling price. Then what is the profit percentage?

 (a) 200 %

 (b) 100 %

 (c) 300 %

 (d) 400 %

38. A person incurs a loss of 5% be selling an article for Rs. 1140. At what price should the watch be sold to earn 5% profit?

 (a) 1360

 (b) 1220

 (c) 1320

 (d) 1260

39. A trader sells two articles at Rs.1000 each, making a profit of 20% on the first article and a loss of 20% on the second article. Find the net Profit or loss that he makes?

 (a) 4 % loss

 (b) 4 % gain

 (c) 6 % loss

 (d) 6 % gain

Directions for the following (one) item:

Read the following passage and answer the item that follow. Your answer to this item should be based on the passage only.

 In order to achieve 24×7 power for all, we need to focus on three frontiers. First, India needs real-time monitoring of supply at the end-user level. We achieve what we measure. While the government is bringing all feeders in the country online, we currently have no provision to monitor supply as experienced by households.

40. Which of the following is the **most logical and rational corollary** to the above passage?

   (a) We could rely on interactive voice response systems (IVRS) and SMS-based reporting by end-users

   (b) Discoms need to focus on improving the quality of supply as well as maintenance services

   (c) Discoms need to identify novel cost-effective approaches to maintain infrastructure in far-flung areas

   (d) Granular monitoring can help guide discoms to act in areas with sub-optimal performance.

41. In a certain store, the profit is 150% of the cost. If the cost increases by 25% but the selling price remains constant, approximately what percentage of the selling price is the profit?

   (a) 70 %   (b) 80 %

   (c) 50 %   (d) 100 %

42. A man bought a book for Rs.150 and sold it at 20% profit. By using that amount he bought another book and sold it at 5% loss. What is overall profit amount?

   (a) Rs 21

   (b) Rs 30

   (c) Rs 40

   (d) Rs 11

43. A trader buys 15 bananas for Rs 12 and sells at 12 bananas for Rs.15. Find his profit percent.?

   (a) 43.5 %   (b) 52. 65 %

   (c) 56. 25 %   (d) 75 %

44. If after three successive discounts of 30%, 20% and 10% on marked price, customer has to pay Rs.2520. What is the marked price of the article?

   (a) Rs. 4000

   (b) Rs 3000

   (c) Rs 6000

   (d) Rs 5000

Directions for the following (one) item:

Read the following passage and answer the item that follow. Your answer to this item should be based on the passage only.

We generally talk about democracy but when it comes to any particular thing, we prefer a belonging to our caste or community or religion. So long as we have this kind of temptation, our democracy will remain a phony kind of democracy. We must be in a position to respect a man as a man and to extend opportunities for development to those who deserve them and not to those who happen to belong to our community or race. This fact of favoritism has been responsible for much discontent and ill-will in our country.

45. Which one of the following statements **best sums up** the above passage?

   (a) Our country has a lot of diversity with its many caste, communities and religions.

   (b) True democracy could be established by providing equal opportunities to all.

   (c) So far none of us have actually understood the meaning of democracy.

   (d) It will never be possible for us to establish truly democratic governance in our country.

46. A dishonest dealer professes to sell his goods at cost price, but he uses a weight of 960 gm for the kg weight. What is profit in percentage?

(a) 25/6 %

(b) 25/ 3 %

(c) 10 %

(d) 20 %

47. A man sells his scooter for Rs. 16500 making a profit of 10%. What is the cost price of the scooter?

(a) 15500

(b) 16000

(c) 14000

(d) 15000

48. Ramesh bought an article for Rs. 1215 and spent Rs. 35 on its transportation. At what price should he sell the article to have a gain of 16%?

(a) 1300

(b) 1450

(c) 1500

(d) 1600

49. A person bought a cycle for Rs. 1200 and paid some extra 300 Rs for its repair works. He sold the cycle for Rs. 1800. Find the profit percentage?

(a) 10 %

(b) 20 %

(c) 30 %

(d) 40 %

Directions for the following (one) item:

Read the following passage and answer the item that follow. Your answer to this item should be based on the passage only.

Human history abounds in claims and theories confining the right of governing to a few select citizens. Exclusion of the many is justified on the ground that human beings may be rightfully segregated for the good of society and viability of the political process.

50. Which one of the following statements is **least essential as a part of the argument** in the above passage?

(a) Man seeks control over external things affecting him.

(b) In society, there are 'super' and 'sub' human beings.

(c) Exceptions to universal citizen participation are conducive to systemic efficacy.

(d) Governing implies recognition of disparities in individual capacities.

Vishal Mishra • 3 days ago

Thanks....

One point fromy side..
Which I learn from insight.

Insta/test realise your weak area.
Know them.
Make strong them
And
Fight back
We are in war zone.
Your weakness will through you out

Get up and fight...
Final is on 31 st may.

4 ∧ | ∨ • Share ›

http://disq.us/p/282plo8

Srija • 3 days ago

Thank you insights for inspiring and holding our hand in this great journey...hope we make use of your effort and last till the end as a matter of gratitude...pls keep going with your work and inspiring us :)

2 ∧ | ∨ • Reply • Share ›

http://disq.us/p/282palg

Fridzy • 2 days ago

I have devoted everything to insights. revision plan, tests, modules, CA etc. This was much needed.

2 ∧ | ∨ • Reply • Share ›

http://disq.us/p/2839b2u

http://disq.us/p/28595xc

Warrior Sammy • an hour ago

Corct 17/25
time 23 min
I usually donot post much but here i m today for u @Insights.
When i was in colg i got to noe abut ur website during artika ma'am toppers talk. She has all d praise for u. Nd frm den nd till today i am a daily visitor of ur website. I had been followng it since approx 2018 whn i started my preparation. Ur selfless, upto mark quality content nvr made me feel to go to delhi regarded as hub of upsc preparation (i m frm agra . U made me a bttr person today. Ur consistency, discipline inspire me to wrk more hard to achieve my dream !
Thanku is a vry small wrd.

∧ | ∨ • Reply • Share ›

http://disq.us/p/2857k0t

sunesara dhaval • 30 minutes ago

Thank you insights for this 10 days... Due to your 75 days plan I cleared upsc prelim 2019 with around 130+ marks in my second attempt .. Right now I am selected as a police inspector in 2018 through state pcs and my training is going , and I am getting less hours for reading but with your consistant support and motivation stories, I am still fighting for my ultimate dream ...and I am getting the results too... Thank you insights!!! :)

1 ∧ | ∨ • Reply • Share ›

http://disq.us/p/2857hhq

Veena S • 33 minutes ago

All the 10 tests prepared by INSIGHTS are really worthy...even though my marks range is from 10-18,i didn't get discouraged because of the timely motivation and the feel that INSIGHTS is guiding me on the right track for my destination..your all free initiatives really needs much appreciation..thanks a lot INSIGHTS

1 ∧ | ∨ • Reply • Share ›

kapil • 3 days ago

We should not worry about low score, instead we are lucky, we get the chance to improve us further and yes we are here to commit mistake so that those mistakes keep distance from us during prelims

1 ∧ | ∨ • Reply • Share ›

http://disq.us/p/2856dfp

Shefali Kayasth ➔ Vinoth Kumar • an hour ago

great buddy....when i started this journey(2016) I was 20...now going to be 24...tb se insights ka hi sahara hai. after my family and some of my close friends...insights hi hai jinko me apna sahil manti hu...
shukriya @@Insights

2 ∧ | ∨ • Reply • Share ›

http://disq.us/p/2858me1

Shubham Bharti • 18 minutes ago

@Insights, The best part i feel about INSTA test is - It has set a great momentum which is increasing day by day.
I had started my preparation roughly Sept/Oct 2019. Finishing syllabus for the 1st time along with job, took almost 4 months.
Thereafter, when I had started with Subject wise test (with my 1st revision) in Feb, I was performing consistently very low and wasn't exactly sure how to fix those efficiently since the exam is approaching very fast.
Since, we have 75 days plan at hand, It has set a proper structure to my revisions. Also, the MITRA sheet and noting down the mistakes i do, have come into pictures. Now, I am able to realize, how i can fast-pace the resolution of my mistakes.
Hence, Accuracy seems to be increasing slowly day by day. I am learning new things, getting better at making guesses.
I will follow this to the last day. Hope, My accuracy and learning will reach a level to make me qualify for the exam.
Thank you Insights.
I will be working hard. :)

http://disq.us/p/28592b1

Aashi singh ➔ Insights • 15 minutes ago

@Insights
THANK YOU SO MUCH
what you are doing is beyond words
one thing i will say that
because of you
people like us who do not know much who come from different background
could dream
and may achieve them
thank you so much
god bless you AND TEAM
HOPE IF GOD GIVE ME CHANCE I CAN DO SOMETHING IN RETURN
thank you so much

∧ | ∨ • Reply • Share ›

http://disq.us/p/2855z70

Saikat → Insights • an hour ago

Thank you **@Insights** for this initiative. I was looking forward to it and after 10 days, I am feeling much more confident. I have uploaded MITRA sheets for 8 days as I did not attempt day 4 and day 5 due to the reason which is known to your team. It's your words and regular feedback that gave me strength to come back and now, come what may, I will continue this journey. We are now under a state of complete lock down now and we can use this time either by panicking or by preparing ourselves to be the officers this nation needs. Our choice will shape the future.

1 ∧ | ∨ • Reply • Share ›

http://disq.us/p/2855vwp

DISK21 → Insights • an hour ago • edited

Thank you **@Insights** .Its bcz of you only .Though I do not know where I will end this journey but my heart n mind always says it will not stop untill I reached the destination .Coming to your all prgms CA, quiz, RTM and this INSTA ..I am following since beginning of my journey(excluding break in between due to personal reason) and learning a lot from it .INSTA helping me a lot to revise the things and where I am lacking .Hope I will learn n give my best to it untill I get through.Rest I will surely share with you about my identity (name..hehe) and my journey .Thanks to the team .ur team is great .

1 ∧ | ∨ • Reply • Share ›

http://disq.us/p/2855yka

Rohit verma • an hour ago

@

sir my experience is too good, i used to analyse myself on a daily basis as u can see in screenshot.Alongwith ,i used to note down elimination skills and try to recall them by revising all of them at one place & through your revision plan i'm getting a push day by day that i have committed to insights to make them proud so it keeps me going.
i got good observation slowly and will trying them day by day to applying it in every test and insta revision plan and i take these 30 questions as an edge over others because i'm not following any PT365 or any compilations apart from your resources so i take these questions as a learning opportunity and add these in my notes.that's it
insta

http://disq.us/p/2852u5r

Hermione Granger • 3 hours ago

Scored 23/30 today.
Not a perfect score, but i am just proud that i have been consistently giving these tests and examining my mistakes and planning the next day's preparation accordingly. Thank you **@Insights** .
In these panic driven days, you are one constant source of push and encouragement.

3 ∧ | ∨ • Reply • Share ›

http://disq.us/p/2854jny

Ezhil • 2 hours ago

8 of 15 questions answered correctly

Your time: 00:25:11, little progress, thank you **@Insights**, I believe that you are the only reason for keeping me busy whatever happened around me, I am preparing from last one year but I could not able to keep my plans, because of so many issues, now I am happy and get confident that surely I will land safely. Now I am realizing that " Nobody can go back and start a new beginning, but anyone can start today and make a new end", I started on 15.03.2020, to make a new end, thank you Insights.

2 ∧ | ∨ • Reply • Share ›

http://disq.us/p/285733x

Alok yadav • an hour ago

@insight i have been using this type of MITRA
Analysis shows too much changes b/w first day and 10th day
i am enjoying this journey breaking and making mine better tomorrow due to covid-19 in days of grief it's feeling very mental pressure but in guidance of ur team moving gradually
THANKS A LOT team @INSIGHT for precious contribution in our journey

2 ∧ | ∨ • Reply • Share ›

http://disq.us/p/2856vij

Stoic • 2 hours ago • edited

T10,
Attempted 27,
Right answers 13

@Insights

I'm happy I have been doing this for past ten days. What makes me happier is the fact that the schedule makes for extensive dynamic coverage of topics as well.

I have been uploading MITRA sheets every day. I will continue doing the same no matter what. My scores aren't pretty and I know that. I also know that I will get better. I'm understanding how i think when I'm given different questions.

Thank you for providing this schedule.