

CUET PG Model Test Paper [Common Paper]

Direction (1-5): Read the passage carefully and choose the best answer to each question out of the four alternatives.

Women may soon get to travel for free on buses and Metro trains in Delhi. This gender-based public transport fare subsidy program, announced by the Aam Aadmi Party government, has not been tested anywhere in India in the past. Proponents claim that the policy will protect and liberate women. Critics argue that it is financially unviable and unfair. As polarized debates over the intent and impact of the policy continue, it is useful to assess whether this idea, in principle, has any merit.

Cities often provide public transport fare subsidies to all or some citizens to **encourage** them to use public transport, or for easing their travel cost burdens. Singapore, for example, offers a discount to rail commuters who are willing to travel before the **morning** rush-hour. Public transport is free for residents in Estonia. Luxembourg, with a population of about 600,000, has made public transport free for those under the age of 20. Paris, with a population of over 2 million, has announced a comparable plan. Hong Kong has implemented a public transport fare concession scheme for people aged 65 years or more. Berlin offered women a 21% ticket discount for one day in March this year to highlight the gender wage gap. In India, however, urban transport fare discounts are less common, although concessions for seniors, students, and other socioeconomic groups are available for government-operated flights and long-distance railway services.

There may be a case for free or discounted public transport for women. A subsidy like this is most likely to benefit women who might consider taking up jobs for which they are better suited but are further away from home. Women can engage in a range of activities that promote their well-being. Free public transport can therefore bring more women to public spaces, and, consequently, make those spaces safer for women.

Finally, this debate is not for Delhi alone. It's time that all Indian cities craft efficient, effective, fair, and context-specific public transport policies. Men and women do not enjoy equal freedom to move in India, and policymakers should act.

Q1. What is the idea of the passage?

- (a) Different countries provide gender-based transport fare subsidies.
- (b) Transport fare concession should be available to all the citizens.
- (c) Gender-based transport fare subsidy can empower women and bring them to public spaces.
- (d) Countries providing transport fare subsidies bear a huge loss of revenue.

Q2. What do antagonists think about the proposal?

- (a) It is feasible and economical.
- (b) It is unviable and unfair.
- (c) It will protect and liberate women.
- (d) Both (a) and (c)

Q3. What did Berlin do this year to highlight the gender wage gap?

- (a) Discount to rail commuters who are willing to travel before the morning rush-hour.
- (b) Offered women a 21% ticket discount for one day in March.
- (c) Free public transport for those under the age of 20.
- (d) Free public transport for all women.

Q4. What is the antonym for unviable?

- (a) Feasible
- (b) Economical
- (c) Unsuccessful
- (d) Dubious

Q5. How is the scheme beneficial for women?

- (a) Women might take up jobs for which they are better suited but are further away from home.
- (b) Women can engage in a range of activities that promote their well-being.
- (c) It can bring more women to public spaces and make them safer for women.
- (d) All of the above

Q6. The Pradhan Mantri Rashtriya Bal Puraskar (PMRBP) 2022 has been conferred upon how many students?

- (a) 50
- (b) 32
- (c) 29
- (d) 25

Q7. Which team has won the 9th National Women's Ice Hockey Championship in 2022 held in Himachal Pradesh?

- (a) Chandigarh
- (b) Indo-Tibetan Border Police
- (c) Delhi
- (d) Ladakh

Q8. Which Small Finance Bank has launched 'Platina Fixed Deposit', offering interest of 15 basis points (bps)?

- (a) Jana Small Finance Bank
- (b) Suryoday Small Finance Bank
- (c) Equitas Small Finance Bank
- (d) Ujjivan Small Finance Bank

Q9. Which of the following has developed an indigenous RT-PCR diagnostic kit, 'Om', for the testing of Omicron variant of coronavirus?

- (a) DRDO
- (b) CSIR – CDRI
- (c) IIT Madras
- (d) AIIMS

Q10. India's first Chief of Defence Staff Bipin Rawat will be posthumously honoured with which among the following awards?

- (a) Bharat Ratna
- (b) Padma Vibhushan
- (c) Padma Bhushan
- (d) None of the Above

Q11. A and B started a business jointly. A's investment was four times the investment of B and the period of investment was three times the period of investment of B. If B received Rs 4000 as profit, then their total profit is:

- (a) Rs 44000
- (b) Rs 52000
- (c) Rs 48000
- (d) Rs 51000

Q12. A pipe can fill a tank in 3 hours. There are two outlets pipes from the tank which can empty it in 7 and 10 hours respectively. If all three pipes are opened simultaneously, then the tank will be filled in-

- (a) 8 hours
- (b) $7\frac{1}{9}$ hours
- (c) $11\frac{1}{19}$ hours
- (d) 10 hours

Q13. A monkey climbing up a pole ascend 6 metres and slips 3 metres in alternate minutes. If the pole is 60 metres high, how long will it take the monkey to reach the top?

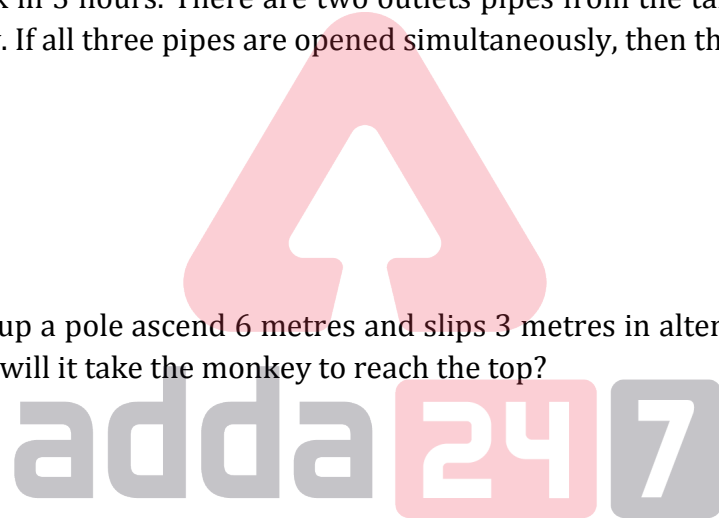
- (a) 35 min
- (b) 36 min
- (c) 40 min
- (d) 37 min

Q14. Two trains A and B start running together from the same point in the same direction, at the speeds of 60 kmph and 72 kmph respectively. If the length of each of the train is 240 metres, how long will it take for train B to cross train A?

- (a) 1 min 12 secs
- (b) 2 min 24 secs
- (c) 2 min 12 secs
- (d) 1 min 24 secs

Q15. An amount of Rs 53 is divided among A, B and C such that A gets Rs 7 more than B and B gets Rs 8 more than C. What is the ratio of their shares?

- (a) 15 : 8 : 30
- (b) 16 : 9 : 18
- (c) 18 : 25 : 10
- (d) 25 : 18 : 10



Q16. The height of a right circular cylinder is 14 cm and its curved surface is 704 sq. cm. Then its volume is:

- (a) 1408 cm^3
- (b) 2816 cm^3
- (c) 5632 cm^3
- (d) 9856 cm^3

Q17. A man sells an article at a profit of 25%. If he had bought it at 20% less and sold it for Rs 10.50 less, he would have gained 30%. Find the cost price of the article.

- (a) Rs100
- (b) Rs50
- (c) Rs125
- (d) Rs90

Q18. The difference of two numbers is 20% of the larger number. If the smaller number is 12, the larger one is

- (a) 15
- (b) 16
- (c) 18
- (d) 20

Q19. Find the odd one out.

- (a) Geometry
- (b) Algebra
- (c) Number system
- (d) Mathematics

Q20. How many times does the number 3 occur in the range of numbers from 1 to 100?

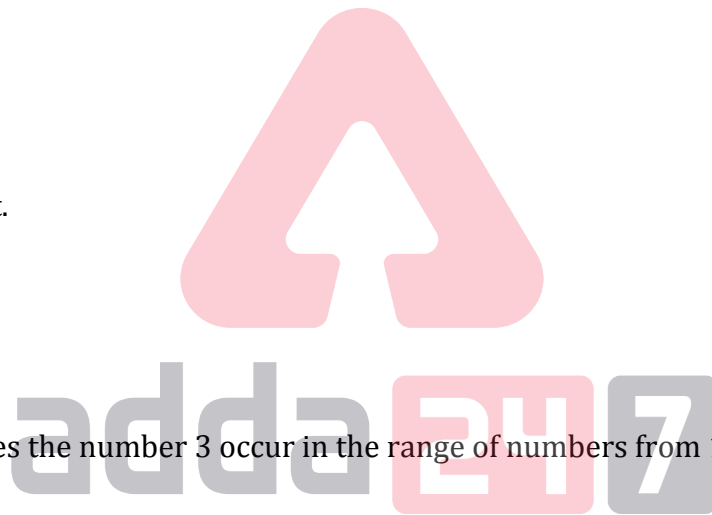
- (a) 20
- (b) 18
- (c) 19
- (d) 21

Q21. If 'light is called 'morning', 'morning is called 'dark', 'dark' is called 'night', 'night' is called 'sunshine' and 'sunshine' is called 'dusk', when do we sleep?

- (a) Morning
- (b) Dusk
- (c) Night
- (d) Sunshine

Q22. A is the daughter of B. B has a wife C. E is the maternal grand mother of D who is son of C. How is A related to D?

- (a) Sister
- (b) Mother
- (c) Cousin
- (d) Can't be determined



Q23. Find the missing (?) in the series

EV, HS, KP ? QJ, TG

- (a) ZA
- (b) AZ
- (c) MN
- (d) NM

Q24. If 'CAP' is coded as '16 13' and 'BAT' is coded as '2012' find how 'cool' will be coded?

- (a) 3161512
- (b) 1312125
- (c) 3151512
- (d) 1215153

Q25. Arrange the given English words in alphabetical order and choose the one that comes last.

- (a) Quarrel
- (b) Quarter
- (c) Qualify
- (d) Quarry

Solution

S1. Ans.(c)

Sol. The whole passage concentrates on how to make public transport more appealing and safer.

S2. Ans.(b)

Sol. Referring to the 4th line of the 1st paragraph, it clearly says that "Critics argue that it is financially unviable and unfair". Hence option (b) is correct.

S3. Ans.(b)

Sol. 8th line of 2nd para says that Berlin offered women a 21% ticket discount for one day in March this year to highlight the gender wage gap. Therefore option (b) is the correct answer.

S4. Ans.(a)

Sol. Unviable means not capable of working successfully; not feasible.

S5. Ans.(d)

Sol. 3rd paragraph mentions all the given points.

S6. Ans.(c)

Sol. The Pradhan Mantri Rashtriya Bal Puraskar (PMRBP) for the year 2022 has been conferred to 29 children.

S7. Ans.(d)

Sol. The women's team from Ladakh has lifted the 9th National Women's Ice Hockey Championship in Himachal Pradesh.

S8. Ans.(d)

Sol. Ujjivan Small Finance Bank (SFB) launched 'Platina Fixed Deposit', offering interest of 15 basis points (bps) higher than the regular term deposit rates provided by Ujjivan SFB.

S9. Ans.(b)

Sol. CSIR-Central Drug Research Institute (CDRI) has developed an indigenous RT-PCR diagnostic kit, 'Om', for the testing of Omicron variant of coronavirus.

S10. Ans.(b)

Sol. India's first Chief of Defence Staff Bipin Rawat will be posthumously honoured with the Padma Vibhushan award. The CDS had died in a tragic helicopter crash in Tamil Nadu in December 2021.

S11. Ans.(b)

Sol.

A	B	
4	1	
×3	×1	
12	1	— 4000
13 — 52000		

S12. Ans.(c)

Sol.

$\frac{210}{19} = 11 \frac{1}{19}$ hours

S13. Ans.(d)

Sol.

1 min — 6	} 3 — 2 min	
2 min — 3		} 1
×18	×18	
54m —	36min	
+6	+1min	
60m — 37min		

S14. Ans.(b)

Sol.

$$480 = 12 \times \frac{5}{18} \times t$$

$$t = 144 \text{ secs} = 2 \text{ min } 24 \text{ secs}$$

S15. Ans.(d)

Sol.

Let C's share = Rs x. then, B's share = Rs (x + 8); A's share = Rs (x + 15).

$$\text{So, } (x + 15) + (x + 8) + x = 53$$

$$\Rightarrow 3x = 30 \Rightarrow x = 10.$$

$$\therefore A : B : C = (x + 15) : (x + 8) : x = 25 : 18 : 10.$$

S16. Ans.(b)

Sol.

$$\frac{2\pi rh}{h} = \frac{704}{14} \Rightarrow 2\pi r = \frac{704}{14} \Rightarrow r = \left(\frac{704}{14} \times \frac{1}{2} \times \frac{7}{22}\right) = 8 \text{ cm.}$$

$$\therefore \text{Volume} = \left(\frac{22}{7} \times 8 \times 8 \times 14\right) \text{ cm}^3 = 2816 \text{ cm}^3.$$

S17. Ans.(b)

Sol.

Let the C.P. be Rs x.

$$1^{\text{st}} \text{ S.P.} = 125\% \text{ of } x = \frac{125}{100}x = \frac{5x}{4}; 2^{\text{nd}} \text{ C.P.} = 80\% \text{ of } x = \frac{80}{100}x = \frac{4x}{5}.$$

$$2^{\text{nd}} \text{ S.P.} = 130\% \text{ of } \frac{4x}{5} = \left(\frac{130}{100} \times \frac{4x}{5}\right) = \frac{26x}{25}.$$

$$\therefore \frac{5x}{4} - \frac{26x}{25} = 10.50 \Leftrightarrow \frac{21x}{100} = 10.50 \Leftrightarrow x = \left(\frac{10.50 \times 100}{21}\right) = 50.$$

Hence, C.P. = Rs 50.

S18. Ans.(a)

Sol.

Let the number be x.

$$\text{Then, } x - 12 = 20\% \text{ of } x \Leftrightarrow x - \frac{x}{5} = 12$$

$$\Leftrightarrow \frac{4x}{5} = 12 \Leftrightarrow x = \left(\frac{12 \times 5}{4}\right) = 15.$$

S19. Ans.(d)

Sol. All except Mathematics are topics of Mathematics.

S20. Ans.(a)

Sol.

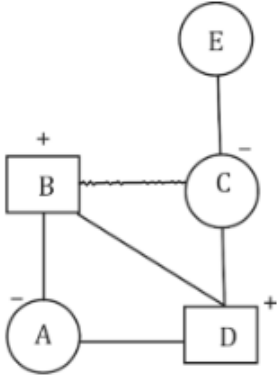
3 31 35 39 73
13 32 36 43 83
23 33 37 53 93
30 34 38 63

S21. Ans.(d)

Sol. Night is called Sunshine.

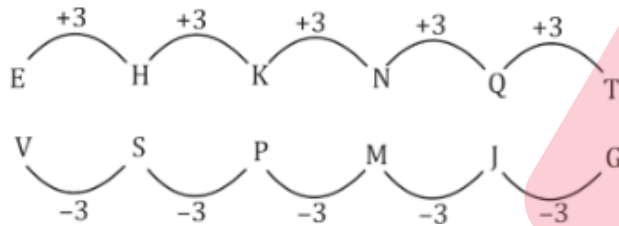
S22. Ans.(a)

Sol.



S23. Ans.(d)

Sol.



S24. Ans.(d)

Sol.

C A P \Rightarrow 1613 B A T \Rightarrow 2012 C O O L \Rightarrow 1215153
3 1 16 2 1 20 3 15 15 12

S25. Ans.(b)

Sol. Qualify, Quarrel, Quarry, Quarter