

# Click For Courses

PLUTUS  
Academy

Video Courses / Live Tutor

**BANK**

**SSC**

**UPSC**

Buy e-books

Buy Notes

From early adopters of new technology in field of Government Job competitive exams like that of UBI PO . Plutus Academy has helped large number of students during their career. May it be for UPSC and Banking exams or Online coaching for UBI PO

Video courses for UBI PO constitutes Syllabus wise topics with about 300-500 Video lectures for each Level Pre , Mains, Sample Papers , Quiz , Sample Papers with solutions , Previous year question papers of UBI PO

Teaching of subjects according to Marking scheme and Blue print of UBI PO exams

We offer these courses in two variants

1. Online
2. Pen drive

Online module is accessible through INTERNET where as Pen-drive module is accessible without Internet. In both these modules you also get to access doubt clearing classes conducted Online on every week end. Students also get a panel to ask question and eminent faculties reply them through that.

## What you get?

**VIDEO  
COURSE**

Video courses are available in



**32 GB  
Micro SD Card**

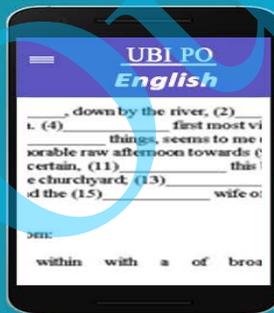


**Android Tablet  
Standard Card included**

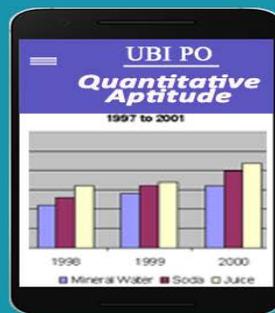


## United Bank of India

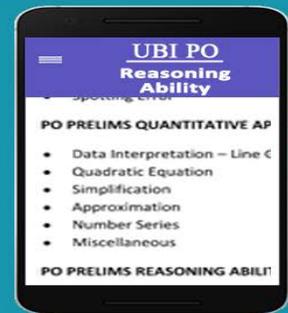
**English Language**



**Quantitative Aptitude**



**Reasoning Ability**



To Purchase Visit : <http://plutusacademy.com/online-tutor/>

For Any Query : Call us at +9718552212, 0120-430-89-58

Email us : [info@plutusacademy.com](mailto:info@plutusacademy.com)

<https://studymaterial.oureducation.in/>

<http://onlinekhanmarket.com/>



in all three categories is  $\frac{1}{20}$  of total number of athletes and among them  $\frac{1}{5}$  are females. Number of female athletes who participate 200m and 400 m race but not in 100m race is  $\frac{8}{15}$  of rest.

6. What is the number of female athletes who participated in exactly two categories of race?  
 (a) 20 (b) 21 (c) 23  
 (d) 24 (e) 25
7. What is the difference between the total number of male athletes and the number of female athletes who participated in exactly one category?  
 (a) 61 (b) 63 (c) 65  
 (d) 67 (e) 69
8. What is the ratio of the total number of athletes who participated in 200m and 400m race but not in 100m race to the male athletes among them?  
 (a) 15 : 11 (b) 15 : 8 (c) 15 : 7  
 (d) 15 : 13 (e) 8 : 7
9. What is the number of male athletes who participated in at most two categories of race?  
 (a) 104 (b) 106 (c) 108  
 (d) 110 (e) 112
10. The number of male athletes who participated in all three categories of race is what percentage of total number of female athletes?  
 (a) 10% (b) 20% (c) 30%  
 (d) 40% (e) None of these

**Directions (11-15):** What will come in place of question mark (?) in the following questions?

11. 6 9 15 27 51 ?  
 (a) 84 (b) 99 (c) 123  
 (d) 75 (e) None of these
12. 7 8 18 ? 232 1165  
 (a) 84 (b) 42 (c) 57  
 (d) 36 (e) None of these
13. 9 19 40 83 ? 345 696  
 (a) 162 (b) 170 (c) 175  
 (d) 166 (e) None of these
14. 62 87 187 412 812 (?)  
 (a) 1012 (b) 1437 (c) 1337  
 (d) 1457 (e) None of these
15. 9 62 ? 1854 7415 22244  
 (a) 433 (b) 309 (c) 406  
 (d) 371 (e) None of these

**Directions (16-20):** In each of these questions, two equations are given. You have to solve these equations and find out the values of x and y and

Give answer

- (a) if  $x < y$  (b) if  $x > y$   
 (c) if  $x \leq y$  (d) if  $x \geq y$   
 (e) if  $x = y$  or no relation can be established

16. I.  $16x^2 + 20x + 6 = 0$

II.  $10y^2 + 38y + 24 = 0$

17. I.  $18x^2 + 18x + 4 = 0$

II.  $12y^2 + 29y + 14 = 0$

18. I.  $10x^2 - 7x + 1 = 0$

II.  $35y^2 - 12y + 1 = 0$

19. I.  $2x^2 + 3x - 20 = 0$

II.  $2y^2 + 19y + 44 = 0$

20. I.  $x^2 - 11x + 24 = 0$

II.  $2y^2 - 9y + 9 = 0$

21. A box contains 2 blue caps, 4 red caps, 5 green caps and 1 yellow cap. If one cap is picked at random, what is the probability that it is either blue or yellow ?

- (a)  $\frac{2}{9}$  (b)  $\frac{1}{4}$  (c)  $\frac{3}{8}$



- (d)  $\frac{6}{11}$  (e) None of these
22. The population of a town decrease by 10% during the first year, decrease by 15% during the second year and again decreases by 20% during the third year. If the present population of the town is 15300 then what was the population of the town three years ago?  
(a) 24000 (b) 24500 (c) 25000  
(d) 25400 (e) None of these
23. The average age of a husband and wife was 23 years when they were married 5 years ago. The average age of the husband, the wife and a child who was born during the interval, is 20 years now. How old is the child now?  
(a) 9 months (b) 1 year (c) 3 years  
(d) 4 years (e) None of these
24. A sum of Rs 1085 is lent out in two parts on Simple interest in such a way that the interest on one part at 9% for 3 years is equal to that on another part at 18% for 2 years. Find the two sums.  
(a) Rs 620, Rs 465 (b) Rs 600, Rs 485 (c) Rs 520, Rs. 565  
(d) Rs 630, Rs 655 (e) None of these
25. A merchant purchases a wrist watch for Rs. 450 and fixes its list price in such a way that after allowing a discount of 10%, he earns a profit of 20%. Then the list price of the watch is  
(a) Rs. 650 (b) Rs. 700 (c) Rs. 550  
(d) Rs. 600 (e) None of these
26. Two trains start at the same time from Aligarh and Delhi and proceed towards each other at the rate of 14 km/hr and 21 km per hour respectively. When they meet, it is found that one train has travelled 70 km more than the other. The distance between two stations is  
(a) 140 km (b) 350 km (c) 210 km  
(d) 300 km (e) None of these
27. A circular swimming pool is surrounded by a concrete wall 4m wide. If the area of the concrete wall surrounding the pool is  $\frac{11}{25}$  that of the pool, then the radius (in m) of the pool :  
(a) 8 (b) 16 (c) 30  
(d) 20 (e) None of these
28. The milk and water in a mixture are in the ratio 7 : 5. When 15 litres of water are added to it, the ratio of milk and water in the new mixture becomes 7 : 8. The total quantity of water in the new mixture is  
(a) 35 litres (b) 40 litres (c) 60 litres  
(d) 96 litres (e) None of these
29. Aman's expense is 30% more than Vimal's expense and vimal's expense is 10% less than Raman's expense. If the sum of their expenses is Rs. 6447, then what would be the Aman's expense?  
(a) Rs. 2200 (b) Rs. 2457 (c) Rs. 1890  
(d) Rs. 2100 (e) None of these
30. A radio dealer sold a radio at a loss of 2.5%. Had he sold it for Rs. 100 more. He would have gained  $7\frac{1}{2}\%$ . In order to gain  $12\frac{1}{2}\%$  he should sell it for  
(a) Rs. 1080 (b) Rs. 1125 (c) Rs. 850  
(d) Rs. 925 (e) None of these
31. Working 5 hours a day, A can complete a piece of work in 8 days and working 6 hours a days, B can complete the same work in 10 days. Working 8 hours a day, they both can complete the work in  
(a) 3 days (b) 4 days (c) 4.5 days  
(d) 5.4 days (e) None of these
32. 40 men can complete a piece of work in 40 days. They started the work together. But at the end of each 10<sup>th</sup> day, 5 men left the job. The work would have been completed in :  
(a)  $56\frac{2}{3}$  days (b)  $53\frac{1}{3}$  days (c) 52 days  
(d) 50 days (e) None of these
33. The distance between 2 places R and S is 42 km. Anita starts from R with a uniform speed of 4 km/h towards S and at the same time Romita starts from S towards R also with some uniform speed. They meet each other after 6 hours. The speed of Romita is  
(a) 18 km/hr (b) 20 km/hr (c) 3 km/hr  
(d) 8 km/hr (e) None of these
34. A boat moves downstream at the rate of 1 km in 7 – minutes and upstream at the rate of 5 km an hour. What is the speed of the boat in the still water?



- (a) 8 km/hr (b)  $6\frac{1}{2}$  km/hr (c) 4 km/hr  
 (d)  $3\frac{1}{2}$  km/hr (e) None of these

35. In an examination, a student scores 4 marks for every correct answer and losses 1 mark for every wrong answer. A student attempted all the 200 questions and scored in all 200 marks. The number of questions, he answered correctly was:

- (a) 82 (b) 80 (c) 68  
 (d) 60 (e) None of these

**Directions (36 – 40) :** What approximate value should come in place of question mark (?) in the following questions?

(You are not expected to calculate the exact value.)

36.  $(755\% \text{ of } 523) \div 777 = ?$

- (a) 5 (b) 12 (c) 19  
 (d) 26 (e) 29

37.  $(56)^2 \times 2.5385 = ?$

- (a) 4740 (b) 5570 (c) 6600  
 (d) 7960 (e) 8880

38.  $(4438 - 2874 - 559) \div (269 - 106 - 83) = ?$

- (a) 55 (b) 13 (c) 47  
 (d) 29 (e) 31

39.  $(12.51)^4 = ?$

- (a) 22300 (b) 23400 (c) 24500  
 (d) 25600 (e) 26700

40.  $783.559 + 49.0937 \times 31.679 - 58.591 = ?$

- (a) 26600 (b) 5000 (c) 12800  
 (d) 2550 (e) 2280

**Directions(41-45):**study the table carefully to answer the questions that follow:

**Number of people(in thousands) staying in 6 different cities and the percentage of men,women and children in those cities.**

City	Total No. of People (1000)	Percentage of		
		Men	Women	Children
P	48.35	38	36	26
Q	32.16	45	30	25
R	54.2	47	31	22
S	44.42	35	45	20
T	65.25	54	28	18
U	56.8	53	25	22

41. What is the ratio of the number of women from city R to that from city T?

- (a) 8401 : 9135 (b) 7325 : 8462 (c) 9124 : 10131  
 (d) 6487 : 7758 (e) None of these

42. Which city has the lowest number of children?

- (a) R (b) S (c) T  
 (d) Q (e) None of these

43. Total number of people from city U form approximately what per cent of the total number of people from all cities together?

- (a) 28 (b) 11 (c) 6  
 (d) 24 (e) 19

44. The number of women from city S forms what per cent of that from city P? (Rounded off to two digits after decimal)

- (a) 87.08 (b) 124.68 (c) 114.84  
 (d) 92.16 (e) None of these

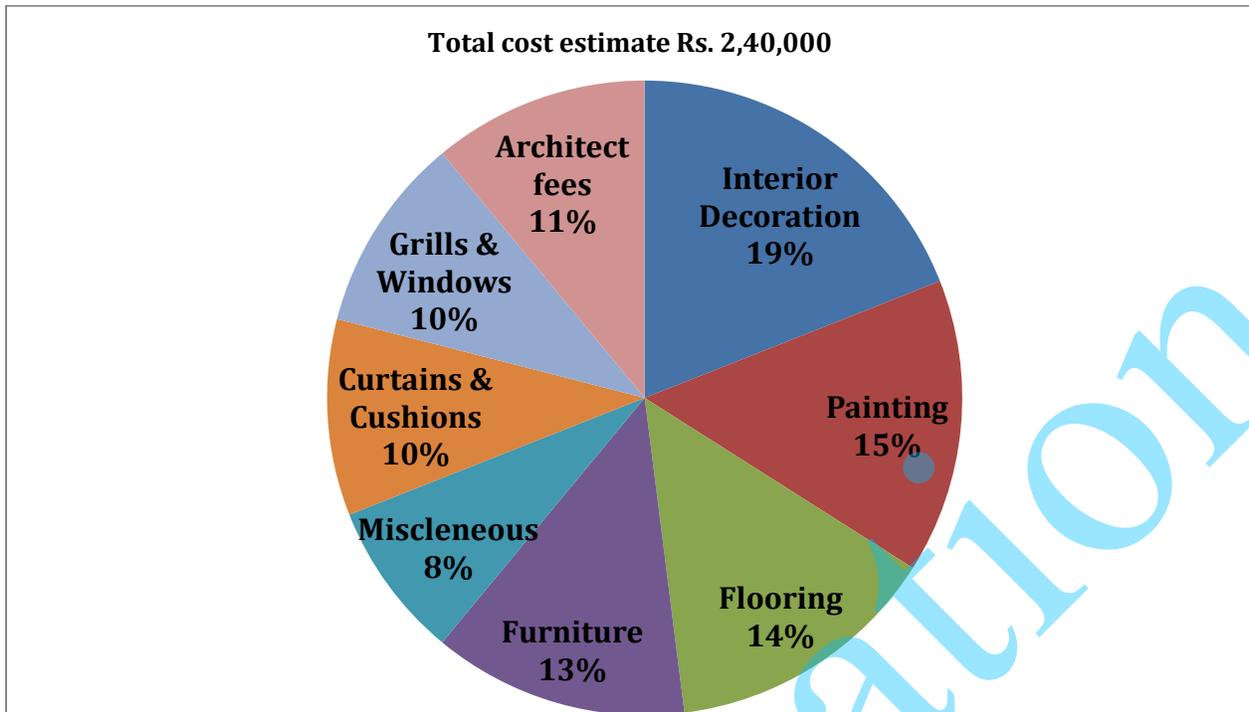
45. What is the average number of men from all the cities together?

- (a) 21450 (b) 23200 (c) 19445  
 (d) 18620 (e) None of these

**Note: Table is based on items produced and sold by different companies**

**Directions (46-50):** Study the following Pie Graph carefully and answer the questions given below.

Cost estimated by a family in renovation of its house.



46. During the process of renovation the family actually incurs miscellaneous expenditure of Rs. 20,400. The miscellaneous expenditure incurred by the family is what percent of the total estimated cost?  
(a) 9.5 (b) 9 (c) 8.5  
(d) 10.5 (e) None of these
47. Other than getting the discount of 12% on the estimated cost of furniture and the actual miscellaneous expenditure of Rs. 20,400 instead of the estimated, the family's estimated cost is correct. What is the total expenditure of the family in renovation of its house (In Rs.)?  
(a) 237456 (b) 231852 (c) 239000  
(d) 233000 (e) None of these
48. What is the difference in the amount estimated by the family on Interior Decoration and Architect Fees (In Rs.)?  
(a) 20,000 (b) 19000 (c) 14400  
(d) 18000 (e) None of these
49. What is the cost estimated by the family on Painting and Flooring together (In Rs.)?  
(a) 73000 (b) 69600 (c) 72,000  
(d) 69000 (e) None of these
50. The family gets a discount on Furniture and pays 12% less than the estimated cost on Furniture. What is the amount spent on furniture (In Rs.)?  
(a) 26400 (b) 29052 (c) 27052  
(d) 27456 (e) None of these