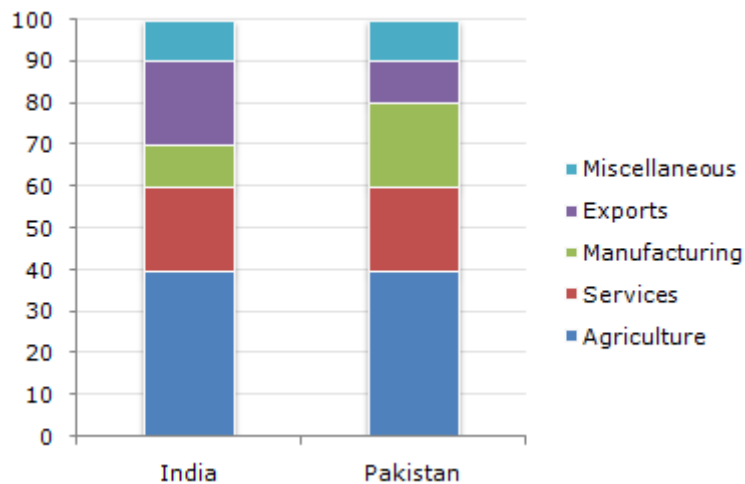# TPC test-2

Directions (1-5): The following bar chart shows the composition of the GDP two countries (India and Pakistan).

Composition of GDP of Two Countries

Q1. If the total GDP of Pakistan is Rs. 10,000 crore, then a GDP accounted for by Manufacturing is?

(a) Rs.200 crore   (b) Rs.600 crore   (c) Rs.2,000 crore   (d) Rs.6,000 crore

Q2. What fraction of India's GDP is accounted for by Services?

(a) (6/33)th   (b) (1/5)th   (c) (2/3)rd   (d) None of these

Q3. If the total GDP of India is Rs.30,000 crores, then the GDP accounted for by Agriculture, Services and Miscellaneous is ?

(a) Rs.18,500 crore   (b) Rs.18,000 crore   (c) Rs.21,000 crore   (d) Rs.15,000 crore

Q4. Which country accounts for higher earning out of Services and Miscellaneous together?

(a) India   (b) Pakistan   (c) Both spend equal amounts   (d) Cannot be determined

Q5. If the total GDP is the same for both the countries, then what percentage is Pakistan's income through agriculture over India's income through Services ?

(a) 100 %   (b) 200 %   (c) 133.33 %   (d) None of these

Q6. A and B can do a piece of work in 70 and 60 days respectively. They began the work together, but A leaves after some days and B finished the remaining work in 47 days. After how many days did A leave?

(a) 14 days   (b) 16 days   (c) 18 days   (d) 10 days   (e) 7 days

Q7. If the length of a rectangle is increased by 20% and its breadth is decreased by 10%, the change in its area will be:

(a) 8% increase   (b) 8% decrease   (c) 10% increase   (d) No change

Q8. Between any two natural numbers, there are -

(a) Two rational numbers   (b) No rational number   (c) Infinite rational numbers   (d) None of the above

Q9. Adam salary is 150% of Ben and Ben salary is 40% of Cat. If salaries of Adam+Ben+Cat=20 lakh, then the value of 2Ben + 3Cat – 4Adam is equal to:

(a) 14 lakh   (b) 15 lakh   (c) 16 lakh   (d) None of these

Q10. A cistern normally takes 10 hours to be filled by a tap but because of one open outlet pipe, it takes 5 hours more. In how many hours will the outlet pipe will empty a full cistern?

(a) 20 hours   (b) 24 hours   (c) 30 hours   (d) None of these

Q11. The average of five numbers A, B , C, D and E is 150. If the average of the first three numbers A, B and C is 130, then the average of the last two numbers D and E is:

(a) 160   (b) 180   (c) 120   (d) 140

Q12. Two successive price increase of 10% and 20% of an article are equivalent to a single price increase of:

(a) 19%   (b) 20%   (c) 30%   (d) None of these

Q13. Pipe X and Y running together can fill a cistern in 6 minutes. If X takes 5 minutes less than Y to fill the cistern, then the time in which N alone can fill the cistern will be:

(a) 15 min   (b) 10 min   (c) 30 min   (d) 25 min

Q14. If the difference of selling prices with a discount of 30% and two successive discounts of 20% and 10%is Rs. 48, then the marked price (in rupees) is:

(a) 4000   (b) 1200   (c) 4800   (d) 2,400

Q15. A is 50% as efficient as B. C does half of the work done by A and B together. If C alone does the work in 20 days, then A, B and C together can do the work in

(a) 17/3 days   (b) 20/3 days   (c) 6 days   (d) 7 days

Q16. A man bought an article listed at Rs. 3000 with a discount of 20% offered on the list price. What additional discount must be offered to man to bring the net price to Rs. 2,208?

(a) 8%   (b) 10%   (c) 12%   (d) 15%

Q17. Due to decrease in the price of fan by 10% the sale goes up by 40% find the percentage change in the revenue?

(a) 30% increase   (b) 26% increase   (c) Data inadequate   (d) None of these

Q18. The price of sugar goes up by 37.5% by what percent a house wife should reduce the consumption of sugar in order to keeping the expenditure same?

(a) 37.5%   (b) 30%   (c) 27.27%   (d) 25%

Q19. In a company, 60% of the employees are above 40 years and of these 75% are males and the rest are females. If there are 1350 male employees above 40 years, the total number of employees in the company is:

(a) 3000   (b) 2000   (c) 1800   (d) 1500

Q20. The average height of 23 boys is 1.2 m. When 3 boys leave the group, then the average height increases by 0.15 m. What is the average height of the 3 boys who leave?

(a) 0.5 m   (b) 0.2 m   (c) 0.45 m   (d) 0.6 m

Q21. The ratio of the marks obtained by Yash in English to Hindi is 15 : 16 and the marks obtained in Maths to Science is 5 : 6. The aggregate marks obtained is 64% in the four subjects together. If the marks obtained in English and Maths are the same and the maximum marks in each subject are 100 then find the total marks obtained by him in Hindi and Science together.

(a) 136   (b) 140   (c) 146   (d) 150

Q22. Three numbers are in the ratio of ½ : 2/3 : 3/4 . If the difference between the smallest and largest numbers is 36, find the numbers :

(a) 60, 72, 96   (b) 72, 84, 96   (c) 72, 84, 108   (d) 72, 96, 118   (e) None of these

Q23. A : V = 4 : 7 and V : W = 9 : 7. If U = 72, then what is the value of W?

(a) 98   (b) 77   (c) 63   (d) 49

Q24. Aman and Brendon undertake to do a piece of work for Rs. 4800. Aman alone can do it in 75 days while Brendon alone can do it in 40 days. With the help of Prakash, they finish the work in 25 days. How much should Prakash get for his work?

(a) Rs. 400   (b) Rs. 200   (c) Rs. 3600   (d) Rs. 1000   (e) Rs. 600

Q25. Find the figure in place of question mark?

△ □ △ | □ ○ □ | ○ ◇ ○ | ◇ □   ?

◇   □   ○   △
(1)   (2)   (3)   (4)

(a) 1   (b) 2   (c) 3   (d) 4

Q26. The calendar for the year 2013 was the same as the year :

(a) 1998   (b) 2002   (c) 2009   (d) 2017

Q27. Arrange the words given below in a meaningful sequence.

| 1. Yarn | 2. Plant | 3. Saree |
| 4. Cotton | 5. Cloth | |

(a) 2, 4, 5, 1, 3   (b) 2, 4, 3, 5, 1   (c) 2, 4, 1, 5, 3   (d) 2, 4, 5, 3, 1

Q28. In each of the following questions find out the alternative which will replace the question mark.
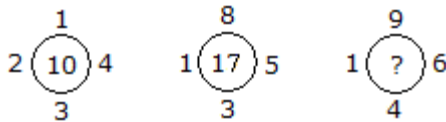
Ice : Coldness :: Earth : ?
(a) Weight   (b) Jungle   (c) Gravitation   (d) Sea

Q29. Parts : Strap :: Wolf : ?

(a) Fox   (b) Animal   (c) Wood   (d) Flow

Q30. Which one will replace the question mark?

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

Directions (31-32) : In each of the following questions, five words have been given out of which four are alike in some manner, while the fifth one is different. Choose the word which is different from the rest.

Q31. Choose the word which is different from the rest.

(a) Chicken   (b) Snake   (c) Swan   (d) Crocodile   (e) Frog

Q32. Choose the word which is different from the rest.

(a) Kiwi   (b) Eagle   (c) Emu   (d) Ostrich

Q33. The total number of digits used in numbering the pages of a book having 366 pages is

(a) 732   (b) 990   (c) 1098   (d) 1305

Q34. If P + Q means P is the brother of Q; P x Q means P is the wife of Q and P % Q means P is the daughter of Q then which of the following means D is the uncle of A?

(a) A % B x C + D   (b) A x B + C % D   (c) A + C % B x D   (d) None of these

Q35. M is the father of N who is the son of V. In order to know the relation of M to P, which of the statement/statements is/are necessary?

1. P is the brother of V.

2. The daughter of N is the granddaughter of V.

(a) Only (1)   (b) Only (2)   (c) Either (1) or (2)   (d) (1) and (2) both

Directions : The following questions are based on the information given below:

    All the faces of cubes are painted with red colour.

    The cubes is cut into 64 equal small cubes.

Q36. How many small cubes are there whose two adjacent faces are coloured red?

(a) 0   (b) 8   (c)16   (d) 24

Q37. Rohit walked 25 m towards south. Then he turned to his left and walked 20 m. He then turned to his left and walked 25 m. He again turned to his right and walked 15 m. At what distance is he from the starting point and in which direction?

(a) 35 m East   (b) 35 m North   (c) 30 m West   (d) 45 m East

Q38. Village Q is to the North of the village P. The village R is in the East of Village Q. The village S is to the left of the village P. In which direction is the village S with respect to village R?

(a) West   (b) South-West   (c) South   (d) North-West

Q39. A clock with only dot markings 3, 6, 9 and 12 positions has been kept upside down in front of a mirror. A person reads the time in the reflections of the clock as 12 : 30 the actual that will be

(a) 6 O' clock   (b) 03 : 45   (c) 12 O'clock   (d) 12 : 30

Q40. How many days are there in X weeks X days :

(a) $7x^2$ (b) $8x$ (c) $14x$ (d) 7

Answer key

1	C	9	D	17	B	25	A	33	B						
2	B	10	C	18	C	26	B	34	D						
3	C	11	B	19	A	27	C	35	A						
4	D	12	D	20	B	28	C	36	D						
5	A	13	A	21	A	29	D	37	A						
6	E	14	D	22	E	30	B	38	B						
7	A	15	B	23	A	31	A	39	A						
8	C	16	A	24	B	32	B	40	B						